GEOCHEMICAL AND GEOPHYSICAL REPORT

On the

MAHTIN PROPERTY

Alp 1-46: YD97433-YD97478, Alp 47-128: YD131169-YD131250
Registered Owner: 45127 Yukon Inc. - 30%, Ryan Gold Corp. - 70%
NTS #: 115 P/15
Alpine 1: YC01901, Alpine 7-12: YC01907-YC01912, Alpine 18: YC01918, Alpine 20: YC01920, Alpine 22: YC01922, Alpine 24-29: YC01924-YC01929, Alpine 31: YC01931, Alpine 33-38: YC01933-YC01938
Registered Owner: 45127 Yukon Inc. - 30%, Ryan Gold Corp. - 70%
NTS #: 115 P/15
Callum 1-4: YC01939-YC01942, Callum 5-6 YC02339-YC02340, Callum 7-8 YC02341-YC02342
Registered Owner: 45127 Yukon Inc. - 30%, Ryan Gold Corp. - 70%
NTS #: 115 P/15
Forty 1-208: YD131001-YD131168, YD131251-YD131290
Registered Owner: 45127 Yukon Inc. - 30%, Ryan Gold Corp. - 70%
NTS #: 115 P/15
Forty 270, 272-282, 286-294: YD140059-YD140062, YD140065-YD140120, YD140122-YD140132, YD140136-YD140144
Registered Owner: Shawn Ryan - 100%
NTS #: 115 P/10, 115 P/15
Mahtin 1-15: YC23544- YC23558, Mahtin 16-34: YC28827-YC28845, Mahtin 37-120: YC30423-YC30506, Mahtin 121-361: YD133681-YD133921, Mahtin 362-916: YD139502-YD140056
Registered Owner: Shawn Ryan - 100%
NTS #: 115 P/15
May 1-40: YC11556-YC11595
Registered Owner: 45127 Yukon Inc. - 30%, Ryan Gold Corp. - 70%
NTS #: 115 P/15
Qu 1-48: YC11596-YC11603, YC48092-YC48131
Registered Owner: 45127 Yukon Inc. - 30%, Ryan Gold Corp. - 70%
NTS #: 115 P/15

LONG: 136°48’40”W LAT: 63°49’55”N

DAWSON MINING DISTRICT

Work Performed: July 22/2011 to August 25/2011

Date of Report: April 2012
AUTHOR OF REPORT: CHRIS PAUL

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1. INTRODUCTION

The Mahtin property consists of 1449 contigous quartz mineral claims that cover an area of Paleozoic age sedimentary lithologies cut by Cretaceous intrusions.

The 2011 field program consisted of the collection of 7277 soil geochemical samples as well as an airborne magnetic and radiometric geophysical survey.

Ryan Gold Corp contracted Groundtruth Exploration of Dawson City, YT to conduct the soil geochemical survey. On July 22, a crew of 17 soil samplers was dispatched to various fly camps across the property. Three soil grids were established with samples taken at 50 meter intervals, on lines spaced 100 meters apart. The purpose of the soil grids was to better define areas of anomalous gold in soils, identified by historical geochemical surveys. In addition, ridge and spur sampling was also carried out in an attempt to locate other areas of anomalous gold on the property.

Precision GeoSurveys Inc. of Vancouver, BC was contracted by Ryan Gold Corp. to provide a geophysical survey of the Mahtin property. With a 200 m buffer around the property, a total of 3389 line kilometers of magnetic and radiometric data were flown for this survey, including tie lines and survey lines. The survey lines were flown at 100 meter spacings at a 000°/180° heading; the tie lines were flown at 1 km spacings at a heading of 090° /270°.

2. PROPERTY DESCRIPTION AND LOCATION

2.1 LOCATION

The Mahtin property is situated approximately 50 kilometers northwest of the village of Mayo and 16 kilometers west of the junction of the north and south McQuesten Rivers. The center of the property is located at 63°49’55”N latitude and 136°48’40”W longitude on claim sheets 115P/15 and 115P/10 and covers both the Dawson and Mayo mining districts.

2.2 OWNERSHIP

The Mahtin property consists of 1449 contigous quartz claims owned by Shawn Ryan and 45127 Yukon Inc.

DISTRICT	CLAIM NAME & #				GRANT #			OWNER NAME	EXPIRY DATE
Mayo	Alp	1	-	46	YD97433	-	YD97478	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2016
Mayo	Alp	47	-	128	YD131169	-	YD131250	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2016
Mayo	Alpine	1			YC01901			Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2017
Mayo	Alpine	7	-	12	YC01907	-	YC01912	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2017
Mayo	Alpine	18			YC01918			Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2017
Mayo	Alpine	20			YC01920			Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2017
Mayo	Alpine	22			YC01922			Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2017

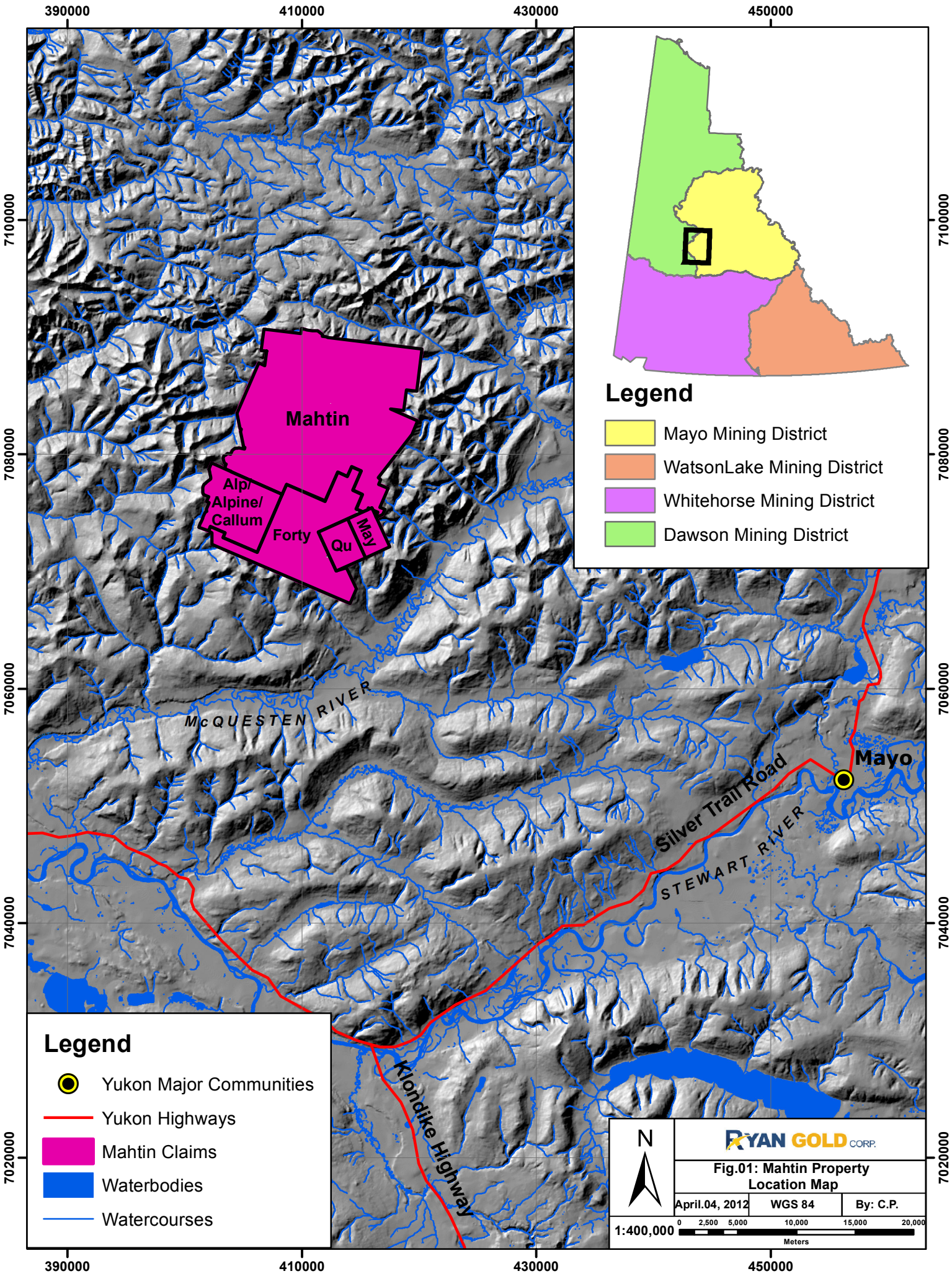
Mayo	Alpine	24	-	29	YC01924	-	YC01929	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2017
Mayo	Alpine	31			YC01931			Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2017
Mayo	Alpine	33	-	38	YC01933	-	YC01938	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2017
Mayo	Callum	1	-	4	YC01939	-	YC01942	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2018
Mayo	Callum	5	-	6	YC02339	-	YC02340	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2017
Mayo	Callum	7	-	8	YC02341	-	YC02342	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2016
Mayo	Forty	1	-	120	YD131001	-	YD131120	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2016
Mayo	Forty	121	-	168	YD131121	-	YD131168	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2015
Mayo	Forty	169	-	176	YD131251	-	YD131258	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2016
Mayo	Forty	177	-	208	YD131259	-	YD131290	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2015
Mayo	Forty	209	-	240	YD140059	-	YD140090	Shawn Ryan - 100%	January 27, 2017
Mayo	Forty	241	-	282	YD140091	-	YD140132	Shawn Ryan - 100%	January 27, 2015
Mayo	Forty	286	-	294	YD140136	-	YD140144	Shawn Ryan - 100%	January 27, 2015
Dawson	Mahtin	1	-	13	YC23544	-	YC23556	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2020
Dawson	Mahtin	14			YC23557			Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2021
Dawson	Mahtin	15			YC23558			Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2020
Dawson	Mahtin	16	-	34	YC28827	-	YC28845	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2017
Dawson	Mahtin	37	-	120	YC30423	-	YC30506	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2021
Dawson	Mahtin	121	-	157	YD133681	-	YD133717	Shawn Ryan - 100%	January 27, 2017
Dawson	Mahtin	361			YD133921			Shawn Ryan - 100%	January 27, 2017
Dawson	Mahtin	362	-	409	YD139502	-	YD139549	Shawn Ryan - 100%	January 27, 2017
Dawson	Mahtin	410	-	420	YD139550	-	YD139560	Shawn Ryan - 100%	January 27, 2017
Dawson	Mahtin	421	-	506	YD139561	-	YD139646	Shawn Ryan - 100%	January 27, 2017
Dawson	Mahtin	517	-	536	YD139657	-	YD139676	Shawn Ryan - 100%	January 27, 2017
Mayo	Mahtin	158	-	360	YD133718	-	YD133920	Shawn Ryan - 100%	January 27, 2016
Mayo	Mahtin	507	-	516	YD139647	-	YD139656	Shawn Ryan - 100%	January 27, 2017
Mayo	Mahtin	537	-	624	YD139677	-	YD139764	Shawn Ryan - 100%	January 27, 2016
Mayo	Mahtin	625	-	630	YD139765	-	YD139770	Shawn Ryan - 100%	January 27, 2015
Mayo	Mahtin	631	-	640	YD139771	-	YD139780	Shawn Ryan - 100%	January 27, 2016
Mayo	Mahtin	641	-	646	YD139781	-	YD139786	Shawn Ryan - 100%	January 27, 2015
Mayo	Mahtin	647	-	656	YD139787	-	YD139796	Shawn Ryan - 100%	January 27, 2016
Mayo	Mahtin	657	-	662	YD139797	-	YD139802	Shawn Ryan - 100%	January 27, 2015
Mayo	Mahtin	663	-	672	YD139803	-	YD139812	Shawn Ryan - 100%	January 27, 2016
Mayo	Mahtin	673	-	678	YD139813	-	YD139818	Shawn Ryan - 100%	January 27, 2015
Mayo	Mahtin	679	-	688	YD139819	-	YD139828	Shawn Ryan - 100%	January 27, 2016
Mayo	Mahtin	689	-	694	YD139829	-	YD139834	Shawn Ryan - 100%	January 27, 2015
Mayo	Mahtin	695	-	704	YD139835	-	YD139844	Shawn Ryan - 100%	January 27, 2016
Mayo	Mahtin	705	-	710	YD139845	-	YD139850	Shawn Ryan - 100%	January 27, 2015
Mayo	Mahtin	711	-	731	YD139851	-	YD139871	Shawn Ryan - 100%	January 27, 2016
Mayo	Mahtin	732			YD139872			Shawn Ryan - 100%	January 27, 2015
Mayo	Mahtin	733	-	744	YD139873	-	YD139884	Shawn Ryan - 100%	January 27, 2016

Mayo	Mahtin	745	-	746	YD139885	-	YD139886	Shawn Ryan - 100%	January 27, 2015
Mayo	Mahtin	747	-	758	YD139887	-	YD139898	Shawn Ryan - 100%	January 27, 2016
Mayo	Mahtin	759	-	772	YD139899	-	YD139912	Shawn Ryan - 100%	January 27, 2015
Mayo	Mahtin	773	-	784	YD139913	-	YD139924	Shawn Ryan - 100%	January 27, 2016
Mayo	Mahtin	785	-	794	YD139925	-	YD139934	Shawn Ryan - 100%	January 27, 2015
Mayo	Mahtin	795	-	806	YD139935	-	YD139946	Shawn Ryan - 100%	January 27, 2016
Mayo	Mahtin	807	-	824	YD139947	-	YD139964	Shawn Ryan - 100%	January 27, 2015
Mayo	Mahtin	825	-	848	YD139965	-	YD139988	Shawn Ryan - 100%	January 27, 2016
Mayo	Mahtin	849	-	872	YD139989	-	YD140012	Shawn Ryan - 100%	January 27, 2015
Mayo	Mahtin	873	-	888	YD140013	-	YD140028	Shawn Ryan - 100%	January 27, 2016
Mayo	Mahtin	889			YD140029			Shawn Ryan - 100%	January 27, 2015
Mayo	Mahtin	890			YD140030			Shawn Ryan - 100%	January 27, 2015
Mayo	Mahtin	891	-	904	YD140031	-	YD140044	Shawn Ryan - 100%	January 27, 2016
Mayo	Mahtin	905	-	916	YD140045	-	YD140056	Shawn Ryan - 100%	January 27, 2015
Mayo	May	1	-	40	YC11556	-	YC11595	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2016
Mayo	Qu	1	-	8	YC11596	-	YC11603	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2016
Mayo	Qu	9	-	48	YC48092	-	YC48131	Shawn Ryan - 70%, 45127 Yukon Inc - 30%	January 27, 2016

2.3 DESCRIPTION & ACCESS

Access to the property is currently by helicopter from Ryan Gold's nearby Ida Oro property. There is a rough 4x4 road from the Klondike highway to the Red Mountain project that cuts through the Mahtin property. However, this road is only maintained for the first 31 kilometers. The remainder of the road is in need of major repair and rerouting around fish-bearing creeks.

The Mahtin property lies in an unglaciated, uplifted region of the Yukon Plateau, at the southernmost foothills of the Ogilvie Mountains. Outcrop exposure is limited and soils are well developed. Recently, small glaciers have contributed minor amounts of glacial outwash and till deposits across the property, however for the most part soils have not been transported. Steep mountain ridges are characterized by small blocky talus slopes and limited outcrop at the peaks. Vegetation consists of black and white Spruce trees in the lower elevations, followed by buckbrush and dwarf birch higher up and along the slopes. Vegetation is restricted to moss and lichen at the highest elevations.


390000
410000
430000
450000
7100000
7080000
7060000
7040000
7020000
Mahtin
Alp/
Alpine/
Callum
Forty
Qu
May
McQUESTEN RIVER
Mayo
Silver Trail Road
STEWART RIVER
Klondike Highway
Legend
Mayo Mining District
WatsonLake Mining District
Whitehorse Mining District
Dawson Mining District
Legend
Yukon Major Communities
Yukon Highways
Mahtin Claims
Waterbodies
Watercourses
N
RYAN GOLD CORP.
Fig.01: Mahtin Property
Location Map
April.04, 2012
WGS 84
By: C.P.
1:400,000
0 2,500 5,000 10,000 15,000 20,000
Meters

405000 410000 415000 420000

7090000 7085000 7080000 7075000 7070000 7065000

Big Creek

Sprague Creek

Josephine Creek

Granite Creek

Fortymile River

Sunshine Creek

Boulder Creek

May Creek

Mahtin 1 YC23544 … Mahtin 914 YD140054 … Alp 1 YD97433 … Alp 22 YC01922 … Forty 1 YD131001 … Forty 272 YD140122 … Qu 1 YC11596 … Qu 48 YC48131 … May 40 YC11595

3. HISTORY

The Mahtin property has seen previous exploration and development work performed by numerous operators throughout its history. This is demonstrated by the number of minfile occurrences within and surrounding the property boundaries. In order to categorize historical development, the property has been subdivided into the different claim blocks. The following summarizes the work done by previous explorers within each group of claims. For clarity, the subdivision containing the "Mahtin" claims is referred to as "Mahtin Proper".

3.1 Mahtin Proper

Exploration activity on the Mahtin claims dates back to at least 1948, when hand trenching was reportedly carried out in the area. CCH Resources was the first company to have reportedly staked the Mahtin in 1979. They carried out stream sediment sampling, geological mapping and geochemical soil sampling up until 1980. After that time, the property was held by a number of various prospectors and exploration companies, each carrying out geological mapping, trenching, geochemical soil and rock sampling.

Shawn Ryan re-staked the Mahtin claims in 2003 and carried out a ground magnetometer and IP geophysical survey later that year. In 2004, Ryan optioned the claims to International Gold Resources for a series of cash payments and work commitments. In 2005, Ryan carried out additional magnetometer surveys as well as geochemical soil sampling over the entire claim block. Ryan also hand trenched on one of the magnetic anomalies. In 2006, a versatile time domain electromagnetic (VTEM) and cesium magnetometer geophysical survey was flown over the claims.

In 2007, International Gold Resources drilled a total of 999 meters in seven diamond drill holes along the contact of the Sprague Creek Stock with hornfelsed and skarned metasediments. Two drill pads were constructed along the northern contact. On the western pad, one vertical hole was drilled and two holes were drilled approximately east and west. On the eastern pad, one vertical hole was drilled and three holes were drilled approximately north, east and south.

The results of the 2007 drill program were disappointing. Low grade gold was reported in some of the holes, but only for short intervals. The best intersection was in MH-07-04, which was the only hole drilled east-southeast. Only select intervals from the drill core were sampled and sent for assay in 2007 and some of the core has remained unsampled.

3.2 May

The May claims were first staked in 1962 by Zulco Exploration which carried out bulldozer trenching from 1963-65. Following that, the claims were held by several different prospectors and exploration companies who carried out geological mapping, geochemical soil and rock sampling, small geophysical

surveys and trenching. It was re-staked in 2004 by Shawn Ryan who carried out geochemical soil and rock sampling.

3.3 Quest

Quest was originally staked as part of CCH Resources Snark claim block in 1977. Billiton Exploration and Inco joint ventured with CCH in 1979 and the project became known as the Cortin. Extensive mapping and geochemical sampling was carried out from 1978 to 1979. Subsequent to that, the property changed hands between Archer, Cathro and Associates to Silverquest Resources who both conducted prospecting, sampling and trenching on the property.

3.4 Forty

The forty claims were staked as Bander & Snatch in 1979 as part of the Cortin Project (CCH, Inco and Billiton), following up on anomalous tin values from a regional geochemical stream sediment survey. Work consisted of limited geochemical sampling and mapping from 1979-81.

3.5 Alp

In 1971, Silver Standard Mines Ltd. staked the Sterling claims in the northeast portion of what are now the Alp/Alpine claims. They carried out geological sampling, electromagnetic geophysical surveying and drilled five holes for a total of 239 meters. Unfortunately, none of this data is available online.

CCH Resources staked the Jabberwock claims to the south of the Sterling claims in 1978. The claims later became part of the Cortin Project (CCH, Inco, Billiton) in 1979. The joint venture carried out geochemical sampling, geological mapping and prospecting.

Placer Dome and other companies held the property between 1988 and 1998 and carried out further geochemical sampling and geological mapping.

Shawn Ryan re-staked the claims as Alp and Alpine in 1999 and carried out geochemical sampling and prospecting.

4. REGIONAL GEOLOGY

The Mahtin property is situated within the Selwyn basin, composed of off-shelf deep water clastics, bound to the north by the Dawson Fault, to the northeast by carbonate shelf rocks of the Mackenzie Platform, and to the southwest by the Tintina Fault.

Tectonically, the Selwyn Basin existed as a passive margin setting during the Cambrian through to the Devonian. The inner miogeocline developed as a carbonate shelf. Deeper water facies, consisting of shales, mudstones, siltstones and cherts were deposited offshelf to the southwest. The passive margin setting was interrupted intermittently by periods of extension. This resulted in the development of

secondary rift basins such as the Misty Creek embayment. These pulses of rifting were accompanied by episodes of mafic and more minor felsic volcanism.

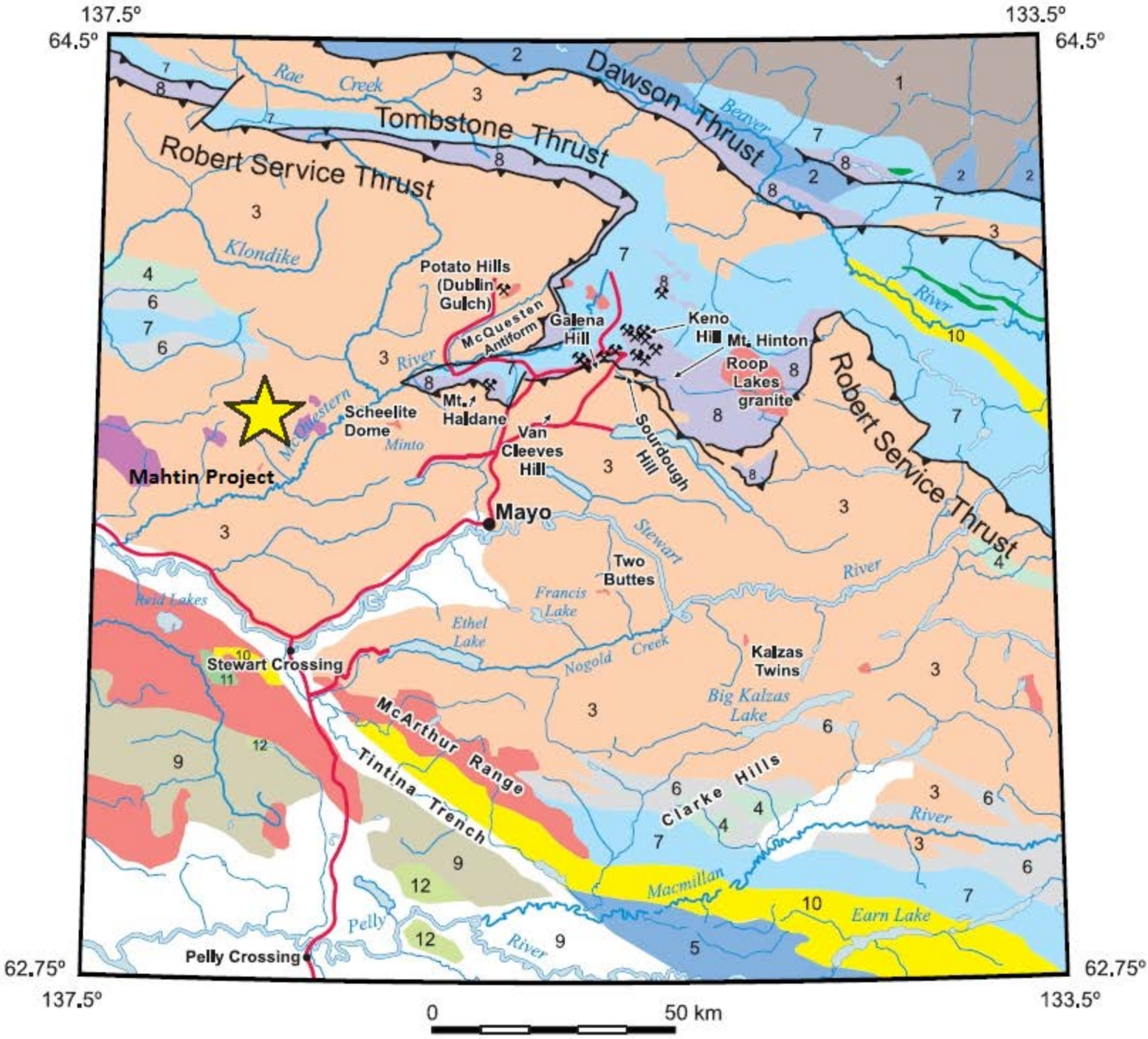
Extension throughout the Silurian and Devonian resulted in horst and graben development, bounding the basin to the southwest by uplift of the Cassiar Platform carbonates and volcanoclastics.

By the mid-Devonian, tectonism associated with a back arc setting terminated the passive margin phase of sedimentation. Marine transgression from rifting and/or wrench faulting resulted in a deep marine basin from the middle to late Devonian. Regional uplift and erosion of Hyland and Road River group rocks in the west caused an influx of marine, turbiditic, chert-rich clastic sediments to spread south and east from their uplifted source and blanket all existing facies (Earn group). Numerous SEDEX deposits of barite and sulphides are found in Earn Group rocks throughout the Selwyn Basin.

Northeasterly directed compression during the Mesozoic deformed Selwyn Basin rocks forming a thrust and fold belt. During the period from the Jurassic to the early-mid Cretaceous, large scale thrust faulting, open to tight similar folds, imbricate fault zones and an axial planar slaty cleavage developed throughout the Selwyn Basin. The more competent chert units deformed as tight to isoclinal folds, accommodating a significant amount of shortening, with detachment surfaces forming in the less competent units.

Three principal thrust faults developed in western and central Selwyn Basin. These faults are, from south to north and oldest to youngest, the Robert Service Thrust, the Tombstone Thrust and the Dawson Thrust. These faults are more than 200 km long and are believed to root in a detachment in the Paleozoic Hyland Group. Throughout much of the Selwyn Basin, regional metamorphic grade reached lower greenshist facies during the Mesozoic.

Following the compressive deformation that ceased in the early-mid cretaceous, a period of widespread mid-cretaceous granitic magmatism intruded deformed rocks of the miogeocline. The Selwyn Plutonic Suite of granitoid intrusives were emplaced along a northwest trending belt within the Selwyn Basin. The granitoids are mainly granitic in composition and are associated with tin, tungsten, molybdenum and gold mineralization. Mineralized systems at Red Mountain to the north and Clear Creek to the west of Mahtin are all associated with Tombstone Suite intrusions. Recent age dating by J. Mortensen at the University of British Columbia, dates the Sprague Creek Stock in the northwest part of the map area at 91.0± 0.2 Ma and the Red Mountain Stock to the north at 92.3 ± 0.8 Ma. These intrusions are considered excellent targets for Tombstone Suite intrusion related gold deposits. Ages and mineralogy are correlative with other Tombstone Suite plutons in the area. Regional airborne magnetic data obtained from the Geological Survey of Canada from 800 m spaced flight lines show an unusually large magnetic response underlying the Red Mountain intrusion. At Mahtin, the regional magnetic relief is more subdued than at Red Mountain.



Former mine

Fault

Thrust Fault (barbs on over-riding sheet)

Sediments younger than 3 million years

Ice-deposited sand and gravel, river silt

Granite with two types of mica; 62-67 million years old **McQuesten intrusions**

12 Basaltic flood-flows and tuffs; 69-73 million year old **Carmacks volcanics**

Granite and granodiorite with hornblende; 93 and 110 million year old **Tombstone and Cassiar intrusions**

11 Andesitic flows and tuffs; 100-105 million year old **Mount Nansen volcanics**

10 Sandstone, brown shale and dark limestone; 200-250 million year old **Jones Lake and Mt. Christie formations**

Brown and green diorite and gabbro (many smaller bodies are not shown); 225 million year old **Galena suite intrusions**

9 Black quartzite, mica-quartz schist and minor marble; 450-250 million year old **Yukon-Tanana Terrane**

8 Grey metamorphosed sandstone, minor black shale and phyllite; 340 million year old **Keno Hill quartzite**

7 Black shale and chert, lesser pebble conglomerate, sandstone and grit; 390-350 million year old **Earn Group**

Rocks of Ancient North America

Selwyn Basin

6 Black shale, chert and limy siltstone; 480-390 million year old **Road River Group**

5 Dark silty limestone and limy mica-rich conglomerate; 500-480 million year old **Rabbitkettle Formation**

4 Brown and green shale, sandstone, conglomerate and volcanic tuff; 530-500 million year old **Gull Lake Formation**

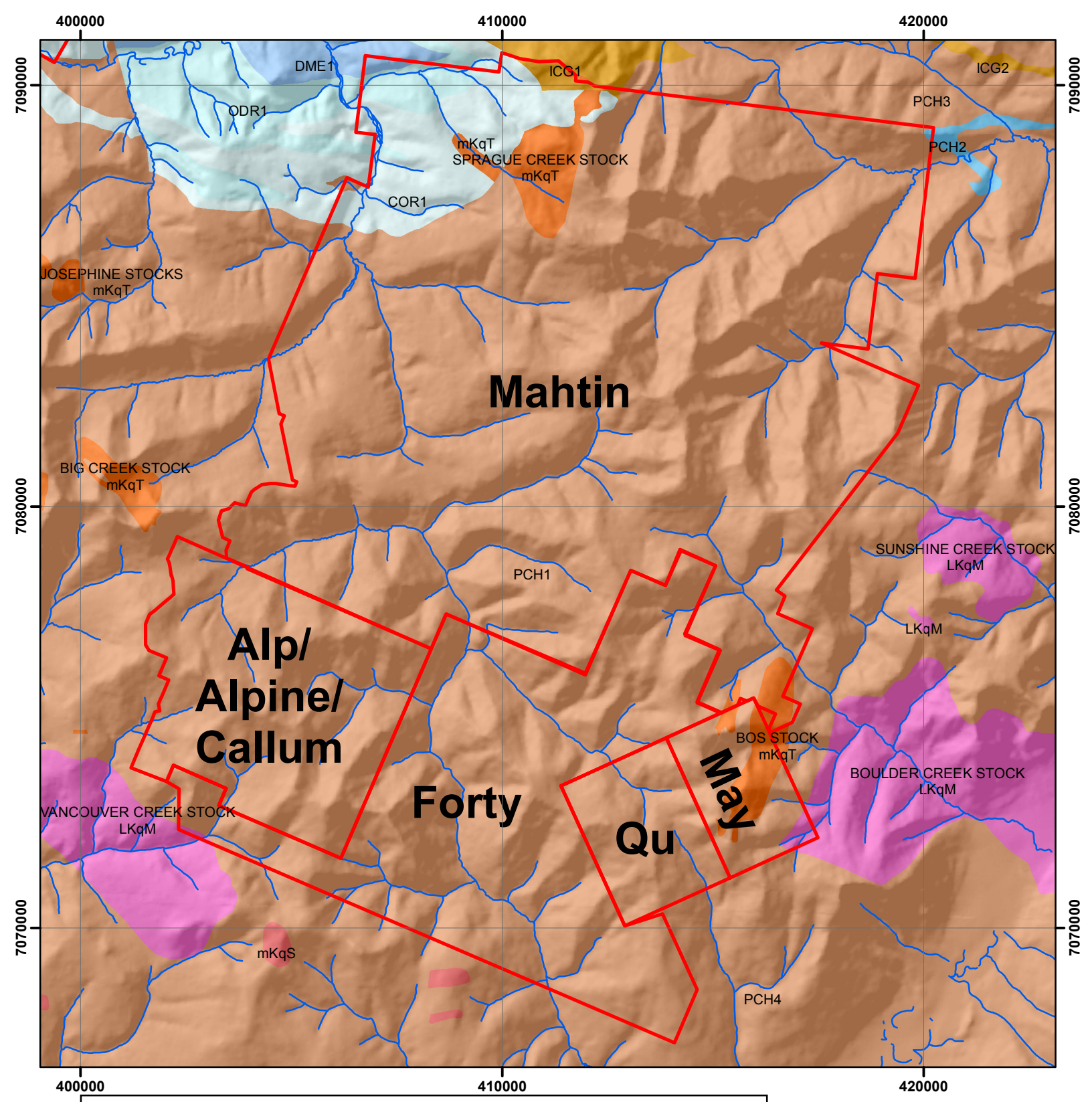
3 Brown quartz-mica schist, sandstone and grit, maroon shale, with rare limestone; 750?-530 million year old **Hyland Group**

Mackenzie Platform

2 White and grey limestone with rare black shale; 540-390 million year old **Bouvette Formation**

1 Orange-brown dolostone and sandstone; 1700-1800 million year old **Gillespie Lake Group**

Figure 3. Regional geology map, showing location of Mahtin project area. Map by C. Roots of the Yukon Geological Survey (modified from similar figures in Bleiler et al. 2006 and Lebarge et al. 2002)



LEGEND

120105_RYGPropertyOutline

Watercourses

YGS Bedrock Geology

LATE CRETACEOUS

LKqM: MCQUESTON SUITE: medium- to coarse-grained, locally porphyritic and K-feldspar megacrystic biotite muscovite granite and quartz monzonite;

MID-CRETACEOUS

mKqT: TOMBSTONE SUITE: medium- to coarse-grained, locally porphyritic biotite hornblende, clinopyroxene granite, quartz monzonite and granodiorite (Tombstone Suite)

mKqS: SELWYN SUITE: equigranular to porphyritic (K-feldspar) biotite hornblende muscovite granite, quartz monzonite and granodiorite; porphyritic biotite hornblende granite with large smoky grey quartz phenocrysts and locally K-feldspar phenocrysts

DEVONIAN AND MISSISSIPPIAN

DME1: EARN: thin bedded, laminated slate with thin to thickly interbedded fine to medium grained chert-quartz arenite and wacke; thick members of chert pebble conglomerate; black siliceous siltstone; nodular and bedded barite; rare limestone

ORDOVICIAN TO LOWER DEVONIAN

ODR1: ROAD RIVER - SELWYN: black, gun-blue, or silvery white weathering black graptolitic shale and black chert; resistant grey weathering, thin to medium bedded, light grey to black, greenish grey or turquoise chert; minor limestone

ODR2: ROAD RIVER - SELWYN: rusty dark green to orange buff weathering, pyritic, burrowed, thin to thick bedded, argillite and dolomitic siltstone with members or partings of black shale and chert; minor bright orange dolostone

UPPER CAMBRIAN AND ORDOVICIAN

COR1: RABBITKETTLE: thin bedded, wavy banded, silty limestone and grey lustrous calcareous phyllite; limestone intraclast breccia and conglomerate; massive to laminated, grey quartzose siltstone and chert and rare black slate; local mafic flows, breccia, and tuff (Rabbitkettle)

LOWER CAMBRIAN

ICG1: GULL LAKE: shale, siltstone and mudstone, locally bioturbated, with minor quartz sandstone; rare green-grey chert; local basal limestone and limestone conglomerate; phyllite to quartz-muscovite-biotite schist

ICG2: GULL LAKE: dark green massive to fragmental mafic metavolcanic and volcaniclastic rocks; siltstone and argillite

UPPER PROTEROZOIC TO LOWER CAMBRIAN

PCH1: HYLAND: thin to thick bedded, brown to pale green shale, fine to coarse grained quartz-rich sandstone, grit, and quartz pebble conglomerate; minor argillaceous limestone; phyllite, quartzofeldspathic and micaceous psammite

PCH2: HYLAND: grey weathering, dark grey to grey white, thin to thick bedded, very fine crystalline limestone, locally sandy; calc-silicate and marble

PCH3: HYLAND: distinctive, recessive, maroon weathering, interbedded maroon and apple-green slate; "Oldhamia" trace fossils; rare grey chert; locally basal member and interbeds of quartz siltstone, sandstone and quartz-pebble conglomerate

PCH4: HYLAND: quartzose clastic rocks as described in (1); mostly(?) equivalent to (1) but may include younger units

RYAN GOLD CORP.

N

Figure 04: Mahtin Project Local Geology

April.24, 2012	WGS 84	By: C.P.

1:120,000

0 600 1,200 2,400 3,600 4,800

Meters

5. LOCAL GEOLOGY

Ryan Gold Corp. has not yet engaged in detailed geological mapping on the Mahtin property. The area was most recently mapped on a 1:50,000 scale by D. Murphy et al. of the Yukon Geological Survey in the mid 1990's (fig.4).

The claims are situated in folded and thrust Upper Proterozoic to Devonian metasediments intruded by the Cretaceous Sprague Creek Stock in the north and the Bos Stock in the southeast of the map area. In the north, the sedimentary units are situated along the southern limb of the regional scale Lost Horses syncline.

The oldest rocks exposed in the area are gritty metasediments of the Precambrian Hyland Group, which underlie the majority of the property. The Hyland group is composed of two members, a lower coarse-grained, quartz-rich turbidite succession of the Yusezyu Formation, and the overlying shales and limestones of the Narchilla Formation.

5.1 Mahtin Proper

In the northwest corner of the map area, limestone, siltstone and silty limestone of the Cambrian to Ordovician Rabbitkettle Formation directly overlies Hyland Group rocks. This unit is host to the bulk of the mineralization at Mahtin. Skarn composed of diopside, quartz, chalcopyrite, arsenopyrite, pyrite and pyrrhotite with minor silver values are exposed in talus and float across a 500 by 200 meter wide area within the Rabbitkettle Formation. Float samples of skarn material containing disseminated chalcopyrite and arsenopyrite collected in 2000 returned values up to 6,499 ppb gold. Elevated levels of arsenic, antimony, lead, copper, bismuth, tin, tungsten and other trace metals are also reported from this area.

The Rabbitkettle formation is conformably overlain by black shales, laminated cherts, siltstones and minor limestone of the Ordovician to Silurian Road River group. The Road River group contains pyritic, carbonaceous and calcareous units that are host to the Howard's Pass Lead-Zinc deposit in the eastern Selwyn Basin.

A sliver of the Devonian Earn group cuts through the northwest-most portion of the map area. Coarse clastics of the Prevost formation overlie cherts and shales of the older Portrait Lake formation. The Earn group is host to a number of Lead, Zinc and Silver exhalative deposits throughout the Selwyn Basin.

The bulk of the mineralization on the Mahtin claims is focussed at or near the northern contact of the 91 +/- 0.2 million year Cretaceous Sprague Creek stock. The stock is a hornblende biotite quartz monzonite, approximately 3 km by 2 km in dimension, with several satellite dykes that branch off to the north and east. The Sprague Creek stock is part of the Tombstone intrusive suite that extends northwest across the Yukon into Alaska and is associated with many gold and tungsten deposits.

5.2 May/Qu

On the May/Qu claims, mineralization is associated with the mid Cretaceous granodiorite to quartz monzonite Bos Stock and a smaller unnamed stock to the west. Mineralization consists of quartz-tourmaline-sulphide veins and breccias with anomalous tin, silver, lead, zinc, gold and tungsten. Two actinolite-quartz-axinite skarn showings are found within small limestone lenses near the margins of the Bos stock. Sulphide rich grab samples from these skarns have returned moderate gold, silver, copper, zinc and tin values.

Another showing discovered by Miner River Exploration is centred over an area of mineralized granodiorite talus containing arsenopyrite as disseminations in wall rock and quartz veins as well as fracture coatings. Chip samples taken across a 75 meter section of this showing averaged 209 ppb gold, along with anomalous values for Cu, As, W, Sb and Bi.

An old underground working on the property, known as the May Creek adit, that may be as old as 1922, was excavated along a manganese stained quartz-sulphide vein. Specimens from dumps below the adit and trenches assayed up to 962 g/t Ag, 73.9% Pb, 1.1% Zn and 0.8% Cu.

On the Qu claims, a series of steeply dipping, north and east trending quartz-sulphide veins can be traced for up to 400 meters along strike. The veins are 1 to 6 meters wide and become more intensely oxidized towards the west. The veins exhibit high silver to lead ratios in both areas and high gold to silver ratios toward the east. High silver and lead, and moderate gold values are reported from samples taken along the veins. Fractured and oxidized wallrock surrounding the veins contain strong silver values.

5.3 Alp/Forty

Small felsic porphyry to mafic lamprophyre stocks and dykes have been reported on the Alp/Forty claims by previous operators. Most are believed to be mid-Cretaceous age and part of the Tombstone intrusive suite. The areas around these intrusions have been previously explored for tin and tungsten mineralization. Although anomalous values have been reported, no mineralization of economic significance has yet been found.

Mineralization in this area occurs proximal to biotite-hornblende porphyry stocks and dykes. Cassiterite has been found in tourmaline-pyrrhotitite-arsenopyrite breccias and vuggy quartz veins cutting quartzites and schists of the Yusezyu formation. Samples taken of these veins have also returned significant silver values.

Placer miners in the area have reported gold occurring in stockwork veins in the area, however small exploration programs by Placer Dome as well as Thor Exploration have so far been unable to successfully locate any areas of considerable gold mineralization.

One showing to the north has exposed galena and sphalerite in tourmaline-quartz veins cutting Hyland group rocks around the contacts of small syenite plugs and dykes. One sample taken from this showing

assayed 219.4 g/t Ag, 16.8% Pb and 3.7% Zn. Other samples taken from this location have returned anomalous tin and gold values.

6. GEOCHEMISTRY

Groundtruth Exploration, of Dawson City, YT was contracted by Ryan Gold Corp to conduct a geochemical soil survey of the Mahtin property. On July 22, a total of 17 soil samplers were dispatched in various crews to fly camps across the property. The purpose of the soil grids was to better define areas of anomalous gold in soils, identified by historical geochemical surveys, as well as attempt to find previously undiscovered mineralization.

6.1 Method, Equipment and Procedures

Three soil grids were established over areas known to contain anomalous gold concentrations. Samples on the grids were taken at 50 meter intervals, on lines spaced 100 meters apart. In addition, ridge and spur sampling was also carried out in an attempt to locate other areas of anomalous gold on the property. Samples on the ridge and spur lines were taken at 50 meter intervals. B and C-horizon soils were collected using 110 cm long hand augers. The aim was to sample the deepest possible level of soil; however frozen or rocky ground often limited the depth that could be reached at individual sites. The average sample depth across the property was 60 cm. The samples were collected in labelled Kraft paper bags and the sample locations marked with labelled pink flagging tape. The GPS coordinates of each sample location were recorded along with the vegetation, soil colour, terrain, depth of sample, horizon sampled, soil moisture, sample quality and comments.

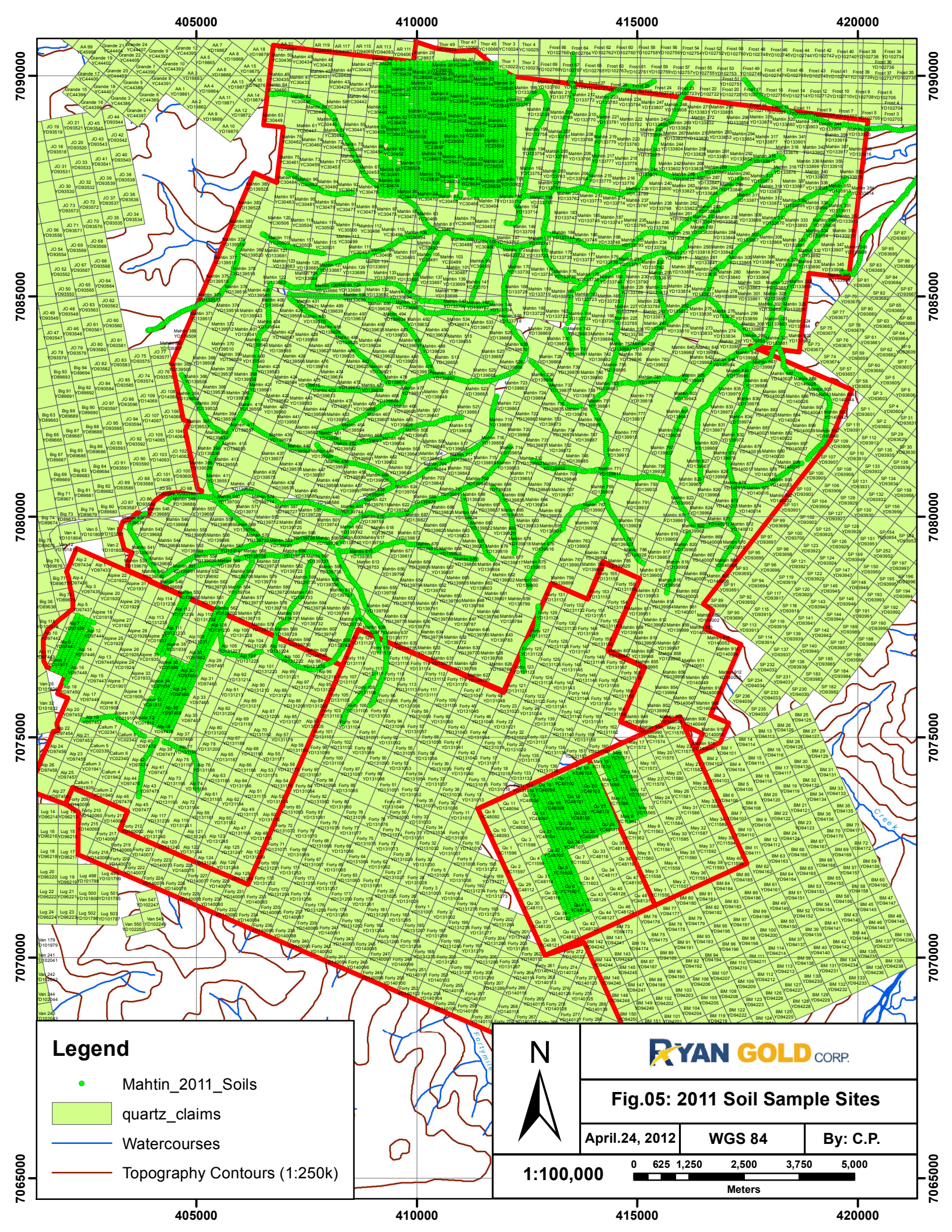
Samples were analyzed by Acme Analytical Laboratories of Vancouver, BC. Samples were dried and 100 grams sieved to -80 mesh. Samples were digested by aqua regia, followed by ICP-MS finish for gold and 36 pathfinder elements. A second assay for gold was done by fire assay fusion, followed by ICP-MS finish.

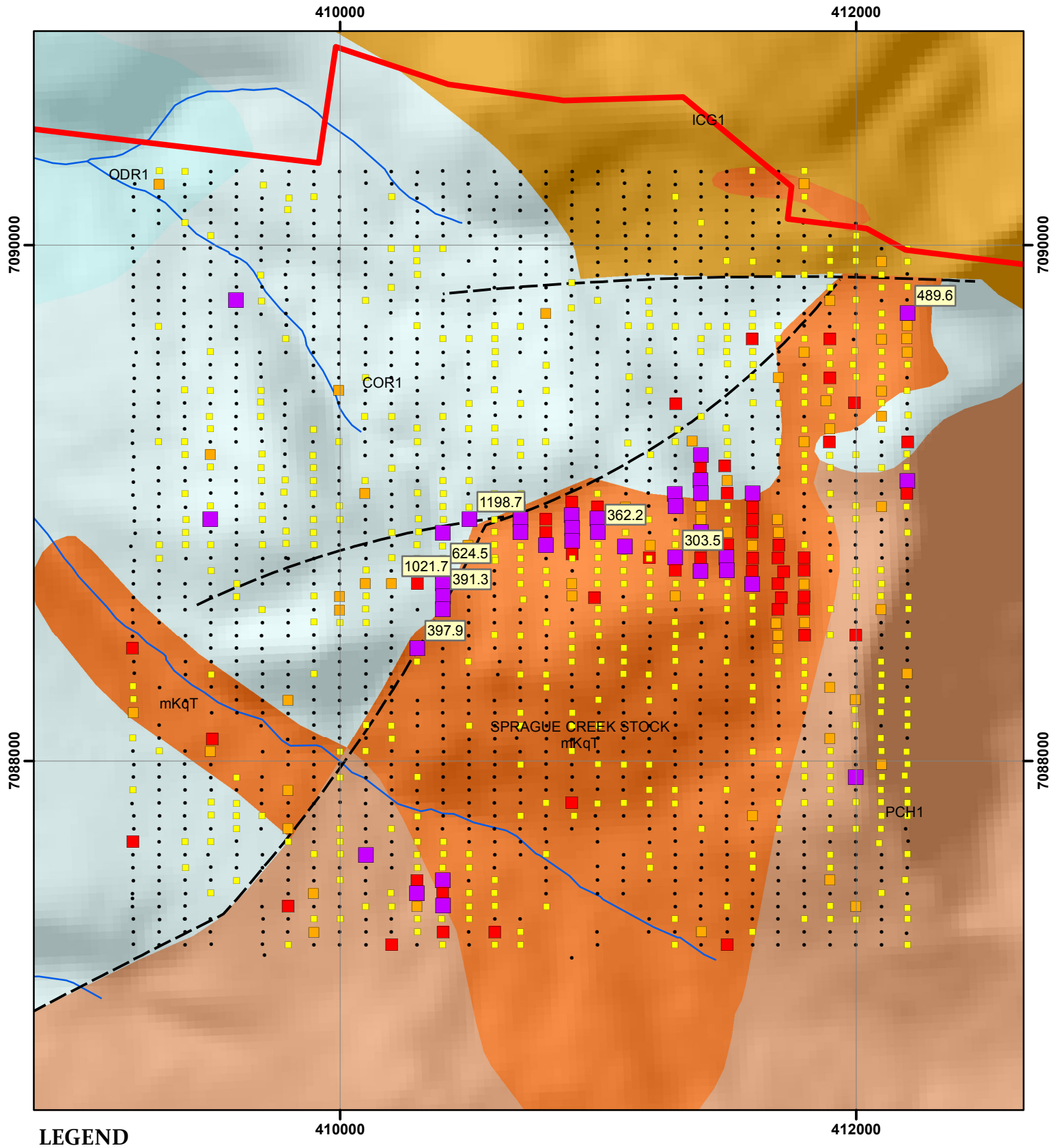
6.2 Results

A map showing the entire Mahtin property with locations of soil sample sites is given in figure 5. The geochemical results for the individual grids as well as the reconnaissance sampling are discussed in the following section. Appendix D contains correlation matrices produced for the Mahtin grid, May/Qu grid and the Ridge & Spur samples. The Alp grid was too small to infer correlations with any reasonable degree of confidence.

6.2.1 Mahtin Grid

A 3 km wide by 3 km long grid completed on the Mahtin claims in the north was successful at defining an east-west striking, curvilinear zone of gold mineralization approximately 2 km long by 0.5 km wide, following the northern contact of the Sprague Creek stock (Fig.6). Coincident with the gold


405000
410000
415000
420000
7090000
7085000
7080000
7075000
7070000
7065000
Legend
Mahtin_2011_Soils
quartz_claims
Watercourses
Topography Contours (1:250k)
N
RYAN GOLD CORP.
Fig.05: 2011 Soil Sample Sites
April.24, 2012
WGS 84
By: C.P.
1:100,000
0 625 1,250 2,500 3,750 5,000
Meters



LEGEND

Mahtin Property Outline

2011 Mahtin Soils

Au_ppb_ICP

- 100.1 - 1199.0
- 50.1 - 100.0
- 30.1 - 50.0
- 10.1 - 30.0
- 0.0 - 10.0

Interpreted Faults/Shears

Watercourses

mKqT: TOMBSTONE SUITE: medium- to coarse-grained, locally porphyritic biotite hornblende, clinopyroxene granite, quartz monzonite and granodiorite

DME1: EARN: thin bedded, laminated slate with thin to thickly interbedded fine to medium grained chert-quartz arenite and wacke; thick members of chert pebble conglomerate; black siliceous siltstone; nodular and bedded barite; rare limestone

ODR1: ROAD RIVER - SELWYN: black, gun-blue, or silvery white weathering black graptolitic shale and black chert; resistant grey weathering, thin to medium bedded, light grey to black, greenish grey or turquoise chert; minor limestone

COR1: RABBITKETTLE: thin bedded, wavy banded, silty limestone and grey lustrous calcareous phyllite; limestone intraclast breccia and conglomerate; massive to laminated, grey quartzose siltstone and chert and rare black slate; local mafic flows, breccia, and tuff (Rabbitkettle)

ICG1: GULL LAKE: shale, siltstone and mudstone, locally bioturbated, with minor quartz sandstone; rare green-grey chert; local basal limestone and limestone conglomerate; phyllite to quartz-muscovite-biotite schist

PCH1: HYLAND: thin to thick bedded, brown to pale green shale, fine to coarse grained quartz-rich sandstone, grit, and quartz pebble conglomerate; minor argillaceous limestone; phyllite, quartzofeldspathic and micaceous psammite

N

RYAN GOLD CORP.

Fig.06: Mahtin Grid 2011
Au Soil Geochemistry (ppb)

April.25, 2012	WGS 84	By: C.P.

1:20,000

0 125 250 500 750 1,000
Meters

mineralization are numerous other pathfinder anomalies such as Ag, As, Bi, Cu, Sb and Pb. The correlation matrix produced from the 2011 Mahtin grid soils indicated strong correlations of gold with bismuth and tellurium, having correlation coefficients (r) of 0.66 and 0.63, respectively. These are typical indicator elements of intrusion-related gold systems, particularly those of the Tombstone Gold Belt that stretches northwest across the Yukon and into Alaska. Copper (0.40) and arsenic (0.36) also have good correlations with gold.

The high grade gold and pathfinder values lie partly in the hornfelsed and skarned limestone and siltstone of the Rabbitkettle formation and partly in the carapace of the Sprague Creek stock. Mineralization is strongest near the contact and does not extend outwards a great distance from the stock itself. Gold values are also subdued towards the core of the intrusion. Other spotty anomalies occur throughout the hornfelsed metasediments.

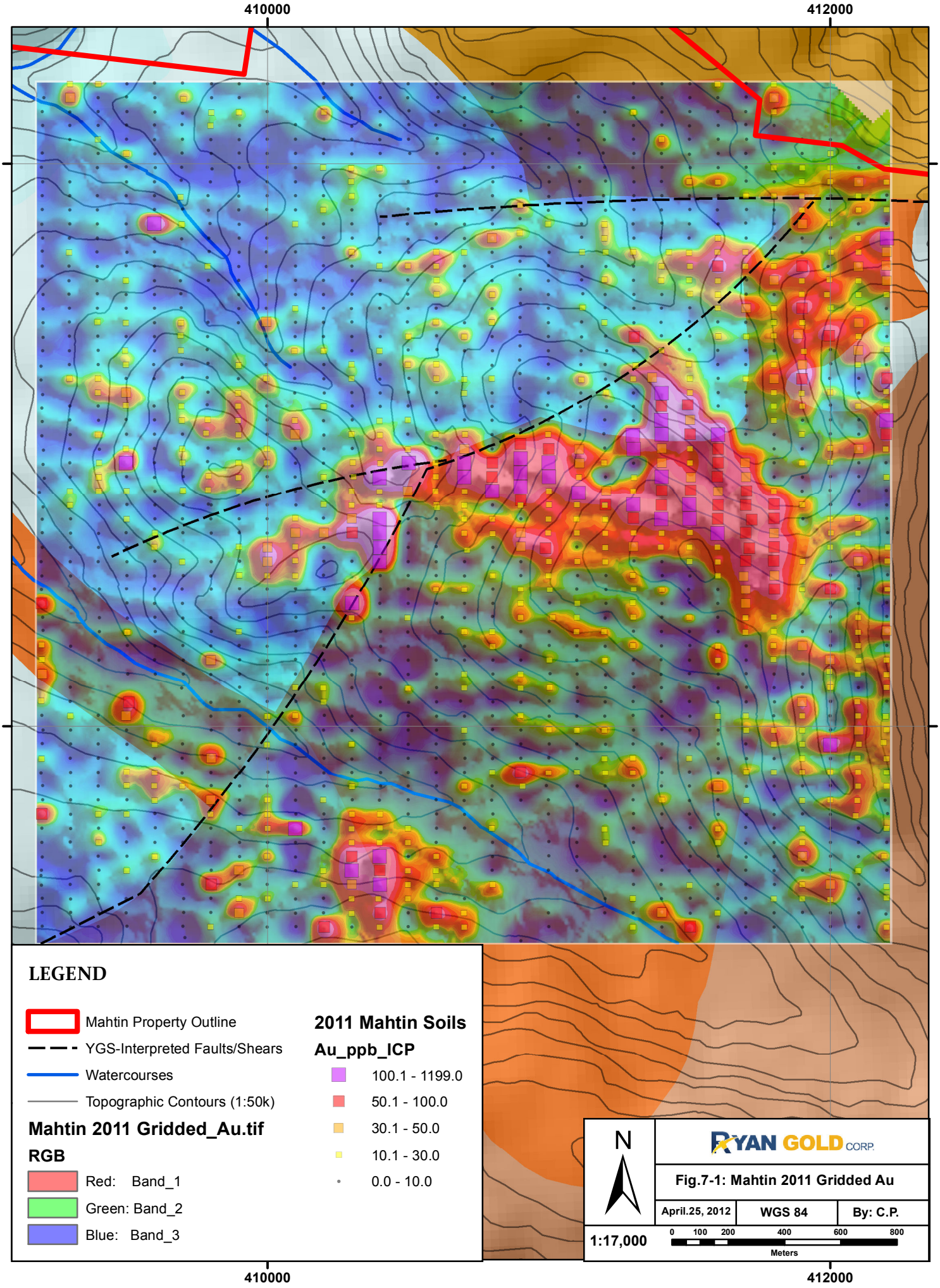
Gridded maps of gold and typical pathfinder elements were constructed for the Mahtin grid using kriging techniques in Geosoft Target® (Figs.7-1 – 7-9). The grids outline trends in the geochemical anomalies possibly related to underlying structures. The western portion of the main anomaly lies along a northeast trending interpreted fault mapped by D. Murphy et al. (1992). The fault appears to be a left-lateral wrench fault paralleling the western border of the Sprague Creek stock. It is inferred that this fault offsets the western end of the stock by as much as 400 meters. The northern limit of this fault intersects with another east-northeast trending fault interpreted by Murphy as also paralleling the northern margin of the stock. If these structures were active during magmatism, they would have created an area of low mean stress, favourable for emplacement of the intrusion as well as any mineralizing fluids associated with it. It is possible that these faults acted as pathways for the mineralizing fluids, and helped to focus the gold mineralization.

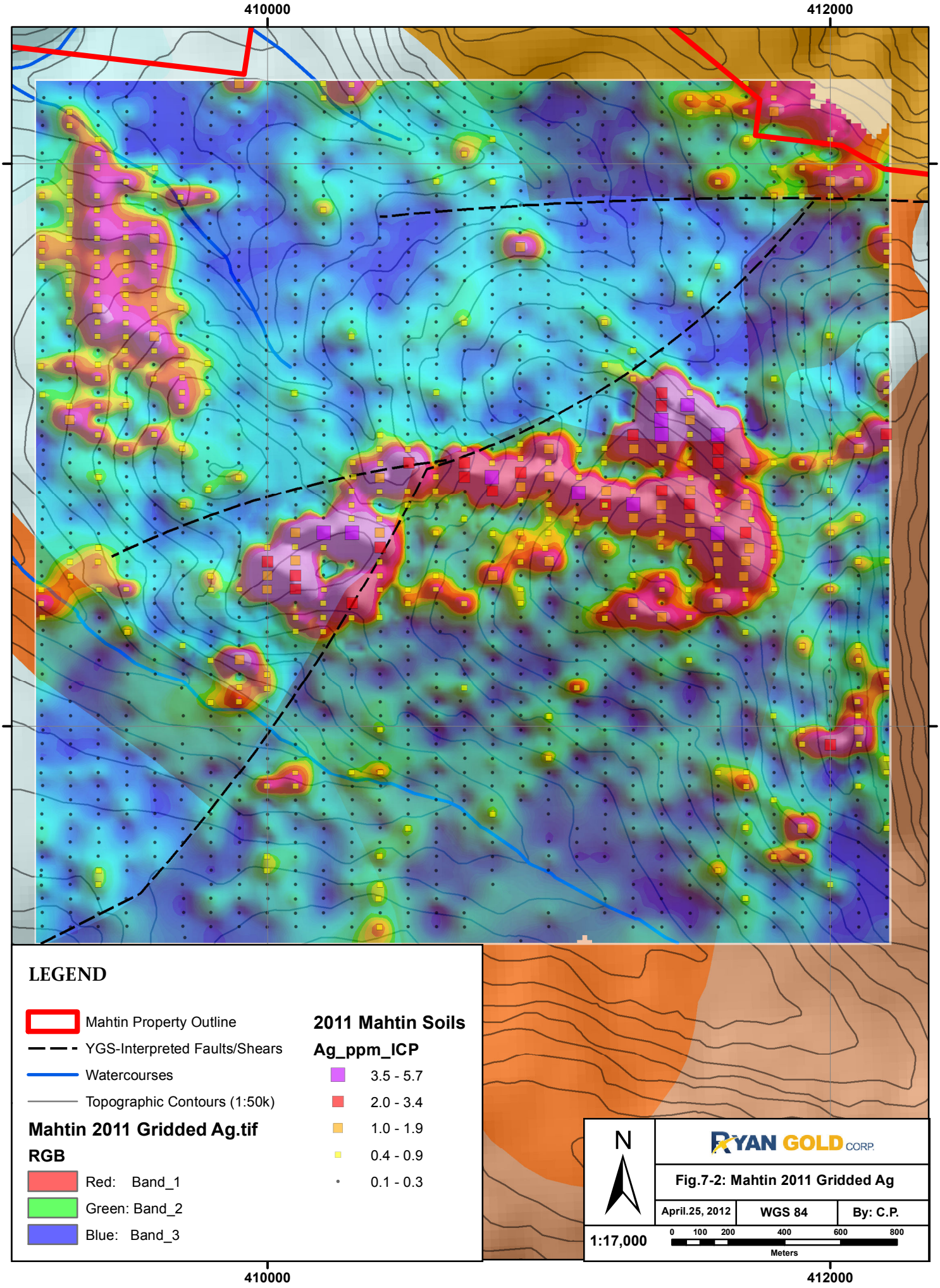
6.2.2 May/Qu Grid

Historical soil surveys done on the May/Qu claims have proven the existence of gold mineralization associated with the mid-Cretaceous Bos stock and the hornfelsed metasediments in the immediate vicinity. The aim of the 2011 soil sampling program was to test the area surrounding the historical grids for anomalous gold and pathfinder geochemistry.

The results of the 2011 program were encouraging, returning anomalous gold and arsenic in soil values up to 1165 ppb and 2740 ppm, respectively (Fig.8-1, 8-2). The main grid, measuring roughly 2200 meters by 1500 meters, returned the best results with strong gold values in the southwest, southeast and northeast corners of the grid. Along with gold, the soil samples from the May/Qu grid returned anomalous values in Ag, As, Bi, Cu, Pb and W. The correlations for gold and pathfinders were low, however arsenic did have a moderate correlation coefficent (r) of 0.19 with gold.

The survey area is not large enough to confidently define any trends in the data; however the higher values in the southern part of the grid do appear to have a slight east-west orientation. Expansion of this grid is warranted, in order to define any larger structural trends.


410000
412000
7090000
7088000
LEGEND
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
Topographic Contours (1:50k)
Mahtin 2011 Gridded_Au.tif
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
2011 Mahtin Soils
Au_ppb_ICP
100.1 - 1199.0
50.1 - 100.0
30.1 - 50.0
10.1 - 30.0
0.0 - 10.0
N
RYAN GOLD CORP.
Fig.7-1: Mahtin 2011 Gridded Au
April.25, 2012
WGS 84
By: C.P.
1:17,000
0 100 200 400 600 800
Meters


410000
412000
7090000
7088000
LEGEND
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
Topographic Contours (1:50k)
Mahtin 2011 Gridded Ag.tif
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
2011 Mahtin Soils
Ag_ppm_ICP
3.5 - 5.7
2.0 - 3.4
1.0 - 1.9
0.4 - 0.9
0.1 - 0.3
N
RYAN GOLD CORP.
Fig.7-2: Mahtin 2011 Gridded Ag
April.25, 2012
WGS 84
By: C.P.
1:17,000
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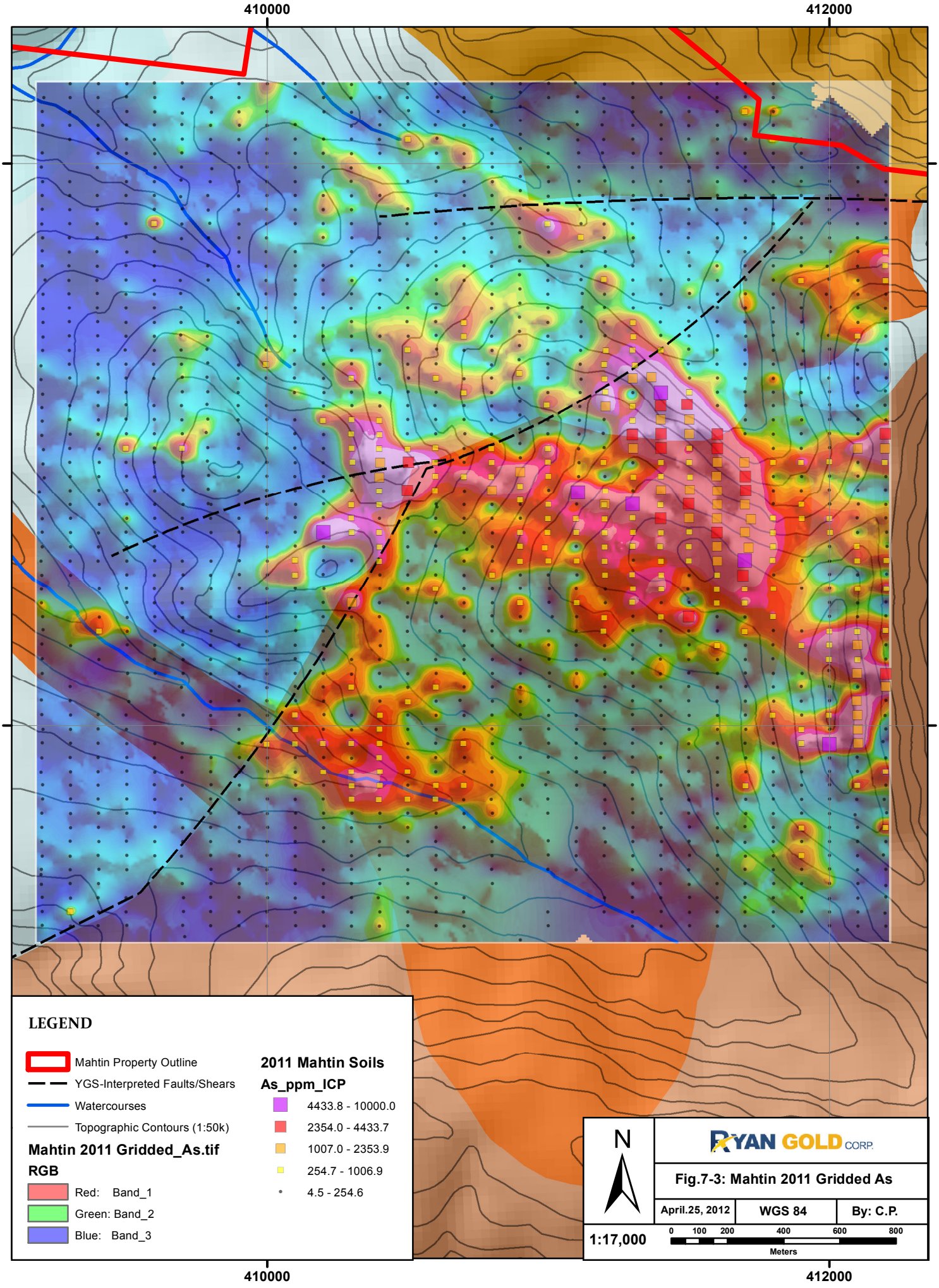
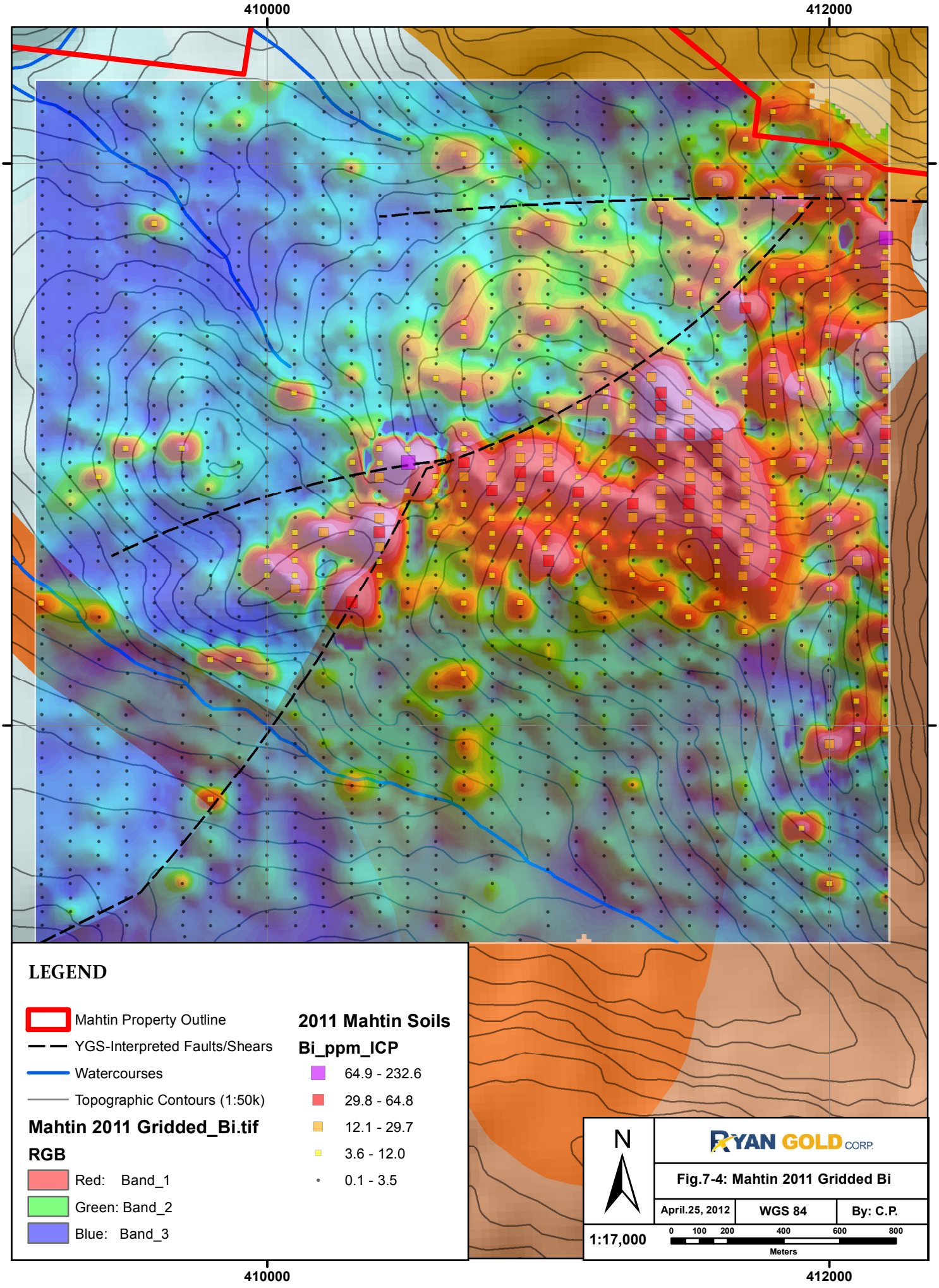
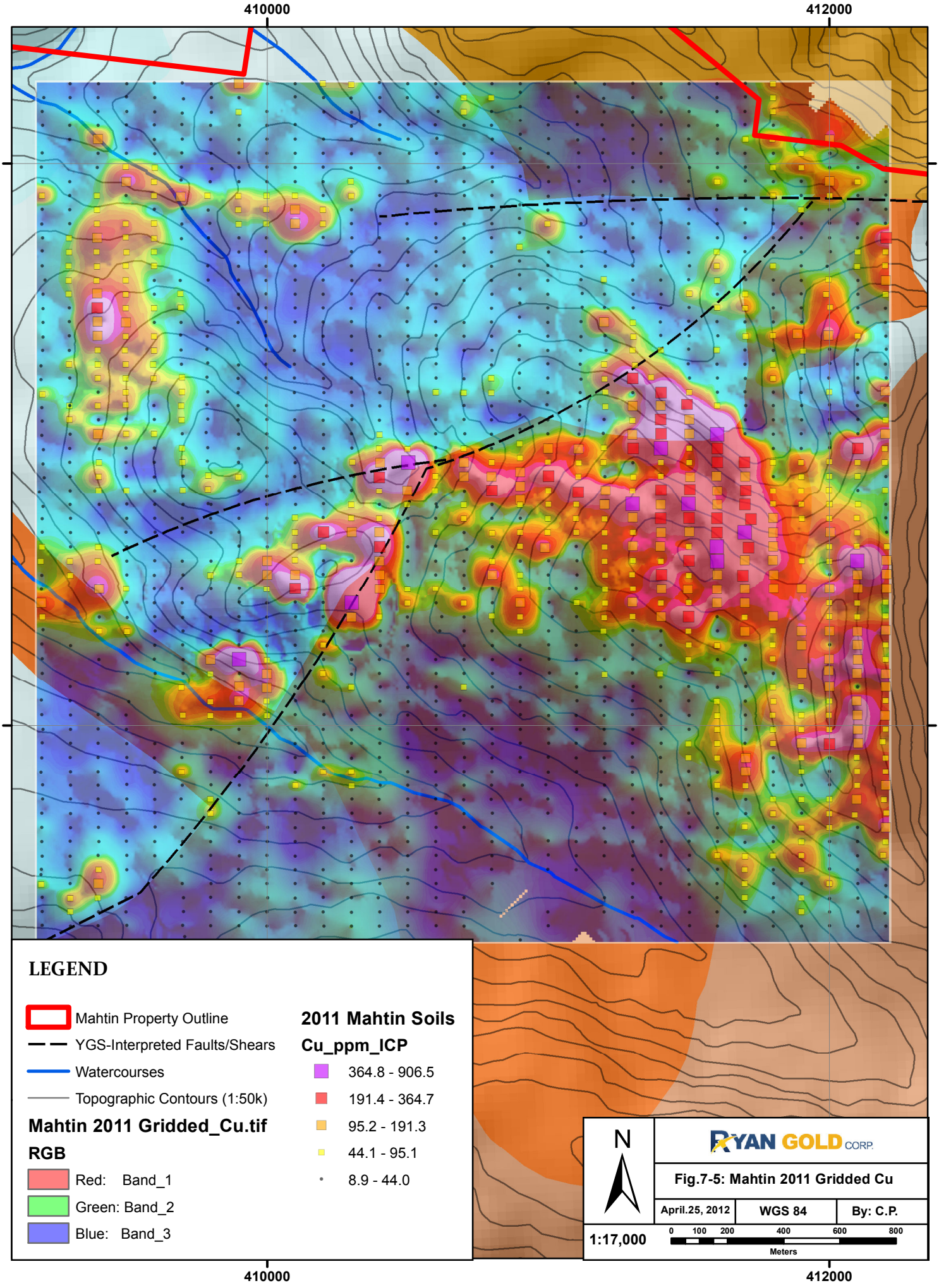
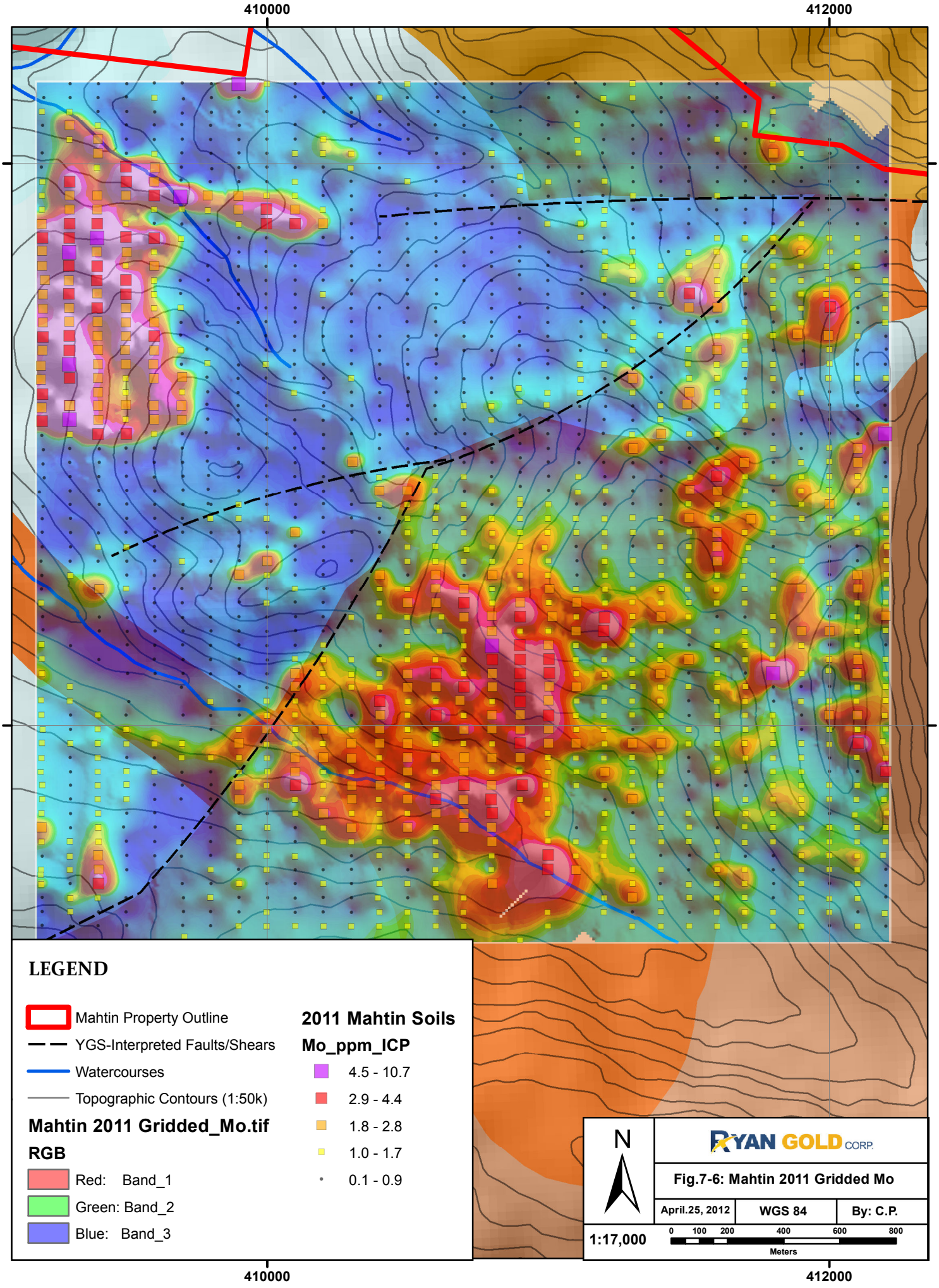
Meters


410000
412000
7090000
7088000
LEGEND
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
Topographic Contours (1:50k)
Mahtin 2011 Gridded_As.tif
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
2011 Mahtin Soils
As_ppm_ICP
4433.8 - 10000.0
2354.0 - 4433.7
1007.0 - 2353.9
254.7 - 1006.9
4.5 - 254.6
N
RYAN GOLD CORP.
Fig.7-3: Mahtin 2011 Gridded As
April.25, 2012
WGS 84
By: C.P.
1:17,000
0 100 200 400 600 800
Meters


410000
412000
7090000
7088000
LEGEND
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
Topographic Contours (1:50k)
Mahtin 2011 Gridded_Bi.tif
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
2011 Mahtin Soils
Bi_ppm_ICP
64.9 - 232.6
29.8 - 64.8
12.1 - 29.7
3.6 - 12.0
0.1 - 3.5
N
RYAN GOLD CORP.
Fig.7-4: Mahtin 2011 Gridded Bi
April.25, 2012
WGS 84
By: C.P.
1:17,000
0 100 200 400 600 800
Meters


410000
412000
7090000
7088000
LEGEND
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
Topographic Contours (1:50k)
Mahtin 2011 Gridded_Cu.tif
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
2011 Mahtin Soils
Cu_ppm_ICP
364.8 - 906.5
191.4 - 364.7
95.2 - 191.3
44.1 - 95.1
8.9 - 44.0
N
RYAN GOLD CORP.
Fig.7-5: Mahtin 2011 Gridded Cu
April.25, 2012
WGS 84
By: C.P.
1:17,000
0 100 200 400 600 800
Meters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412000
7090000
7088000
LEGEND
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
Topographic Contours (1:50k)
Mahtin 2011 Gridded_Mo.tif
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
2011 Mahtin Soils
Mo_ppm_ICP
4.5 - 10.7
2.9 - 4.4
1.8 - 2.8
1.0 - 1.7
0.1 - 0.9
N
RYAN GOLD CORP.
Fig.7-6: Mahtin 2011 Gridded Mo
April.25, 2012
WGS 84
By: C.P.
1:17,000
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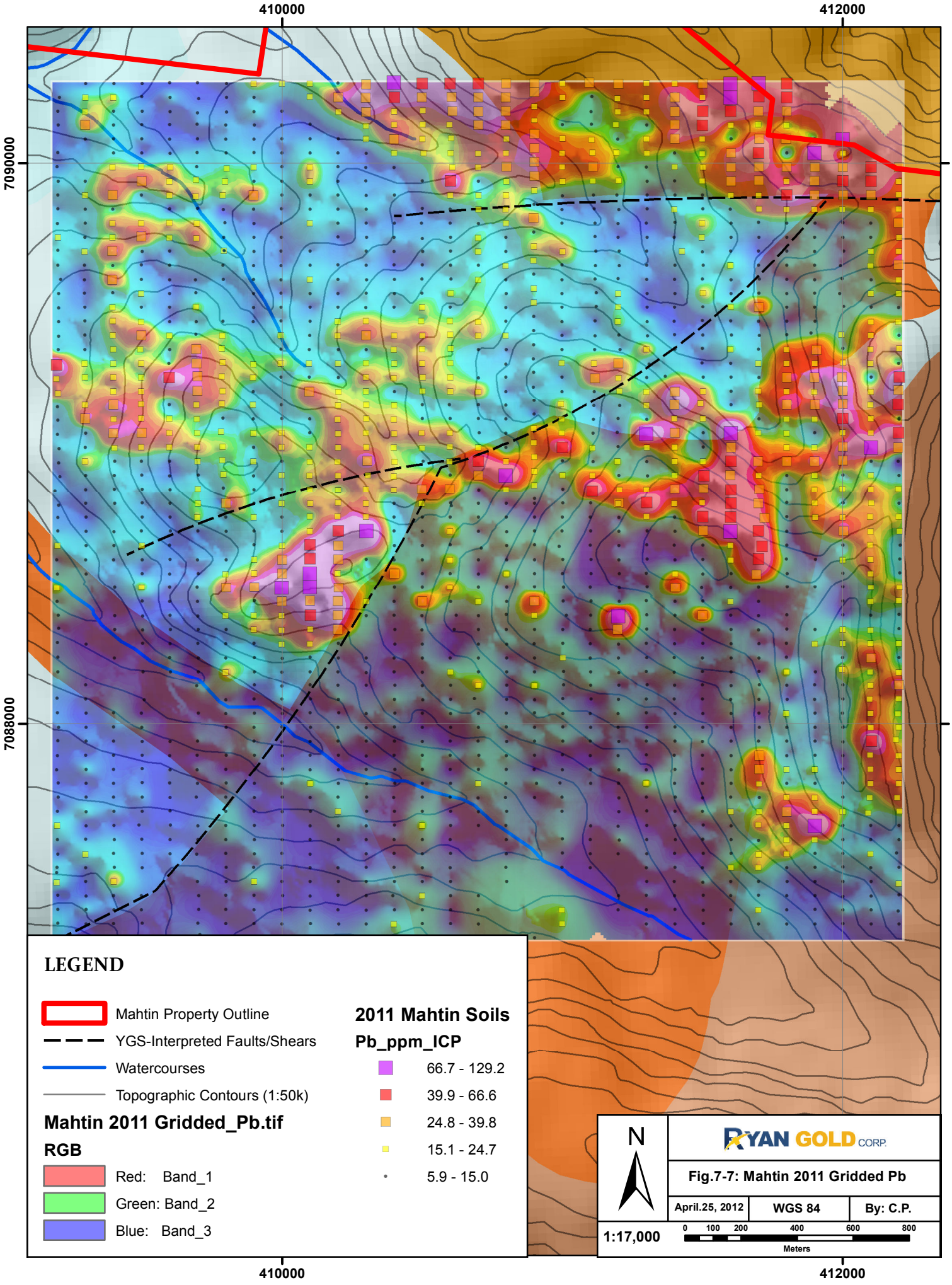
Meters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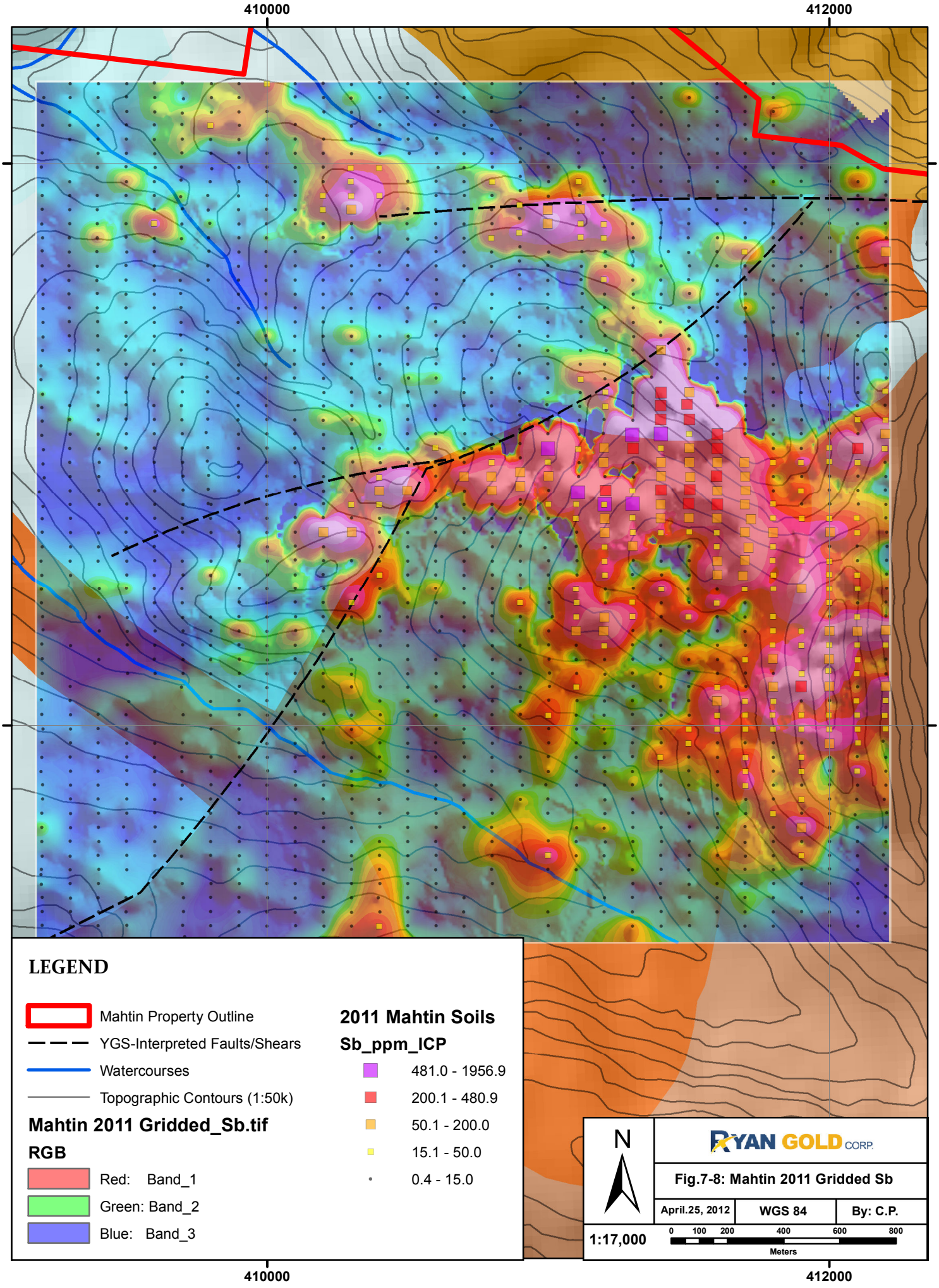
412000
7090000
7088000
LEGEND
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
Topographic Contours (1:50k)
Mahtin 2011 Gridded_Pb.tif
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
2011 Mahtin Soils
Pb_ppm_ICP
66.7 - 129.2
39.9 - 66.6
24.8 - 39.8
15.1 - 24.7
5.9 - 15.0
N
RYAN GOLD CORP.
Fig.7-7: Mahtin 2011 Gridded Pb
April.25, 2012
WGS 84
By: C.P.
1:17,000
0 100 200 400 600 800
Meters


410000
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7088000
LEGEND
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
Topographic Contours (1:50k)
Mahtin 2011 Gridded_Sb.tif
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
2011 Mahtin Soils
Sb_ppm_ICP
481.0 - 1956.9
200.1 - 480.9
50.1 - 200.0
15.1 - 50.0
0.4 - 15.0
N
RYAN GOLD CORP.
Fig.7-8: Mahtin 2011 Gridded Sb
April.25, 2012
WGS 84
By: C.P.
1:17,000
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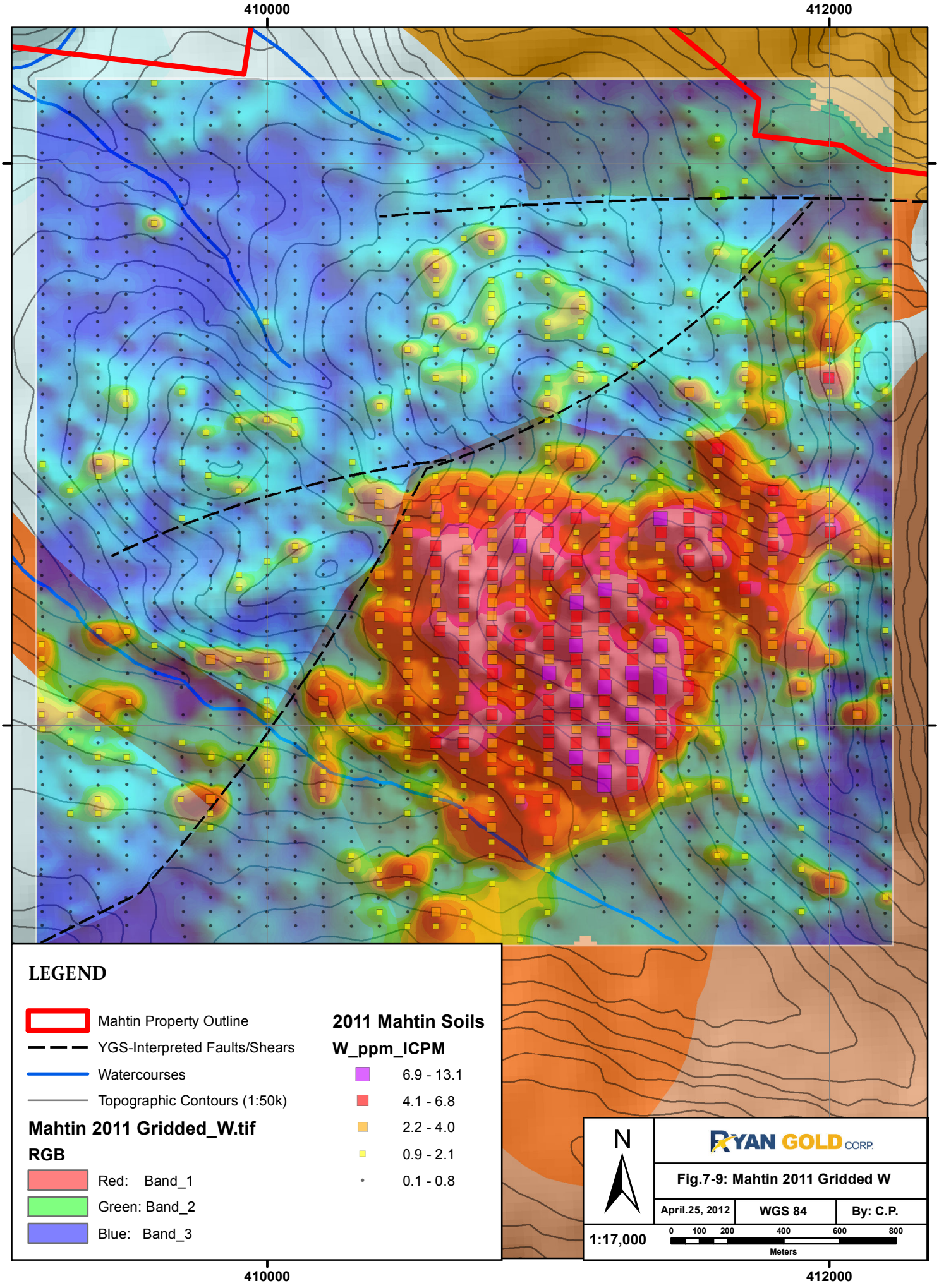
Meters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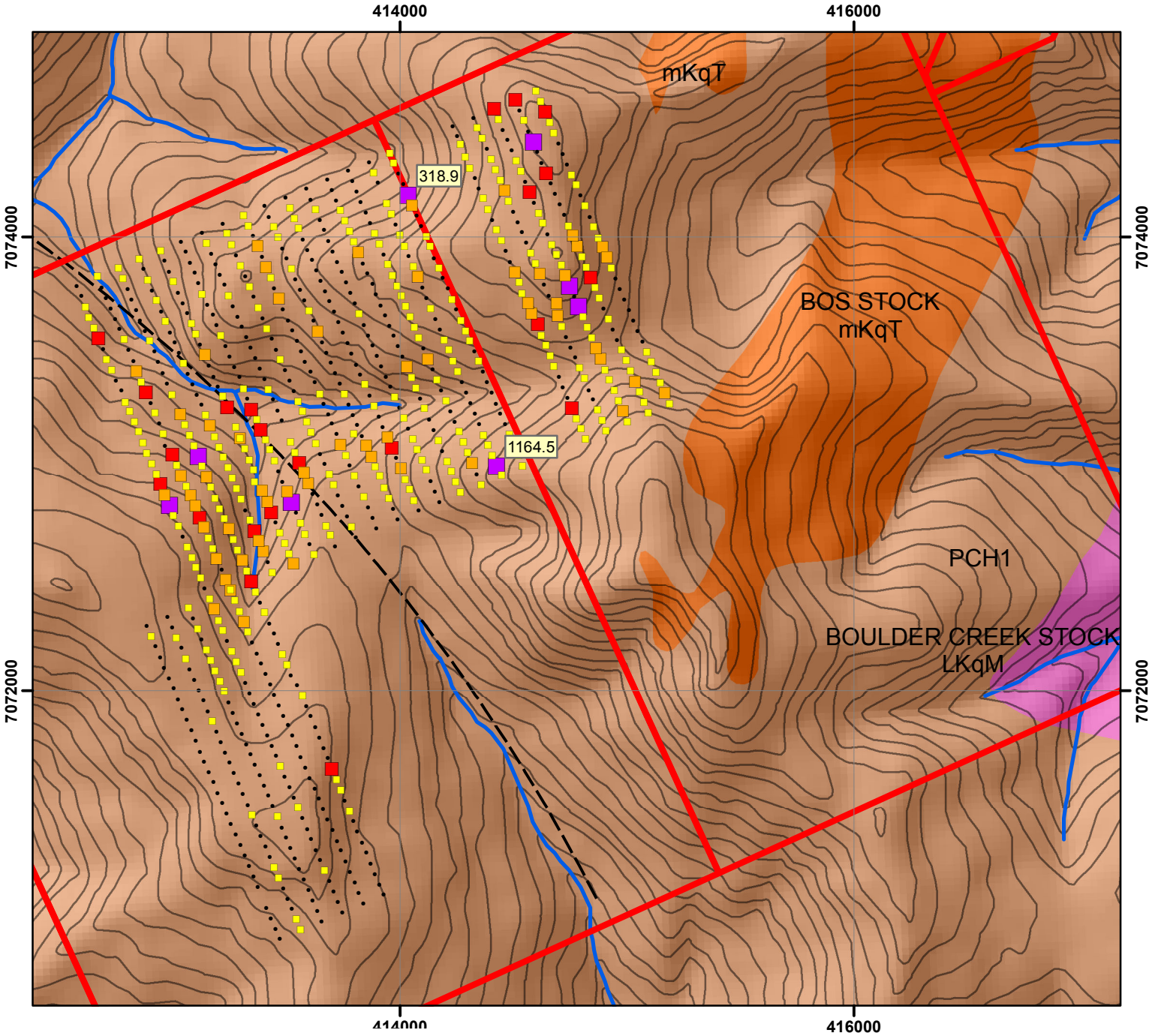
LEGEND
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
Topographic Contours (1:50k)
Mahtin 2011 Gridded_W.tif
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
2011 Mahtin Soils
W_ppm_ICPM
6.9 - 13.1
4.1 - 6.8
2.2 - 4.0
0.9 - 2.1
0.1 - 0.8
N
RYAN GOLD CORP.
Fig.7-9: Mahtin 2011 Gridded W
April.25, 2012
WGS 84
By: C.P.
1:17,000
0 100 200 400 600 800
Meters



LEGEND

May_2011_Soils
Au_ppb_ICP

- 100.1 - 1165.0
- 50.1 - 100.0
- 30.1 - 50.0
- 10.1 - 30.0
- 0.0 - 10.0

- Mahtin Property Outline
- YGS-Interpreted Faults/Shears
- Watercourses
- Topographic Contours (1:50k)

YGS Bedrock Geology

LKqM: MCQUESTON SUITE: medium- to coarse-grained, locally porphyritic and K-feldspar megacrystic biotite muscovite granite and quartz monzonite;

mKqT: TOMBSTONE SUITE: medium- to coarse-grained, locally porphyritic biotite hornblende, clinopyroxene granite, quartz monzonite and granodiorite (Tombstone Suite)

PCH1: HYLAND: thin to thick bedded, brown to pale green shale, fine to coarse grained quartz-rich sandstone, grit, and quartz pebble conglomerate; minor argillaceous limestone; phyllite, quartzofeldspathic and micaceous psammite

N

RYAN GOLD CORP.

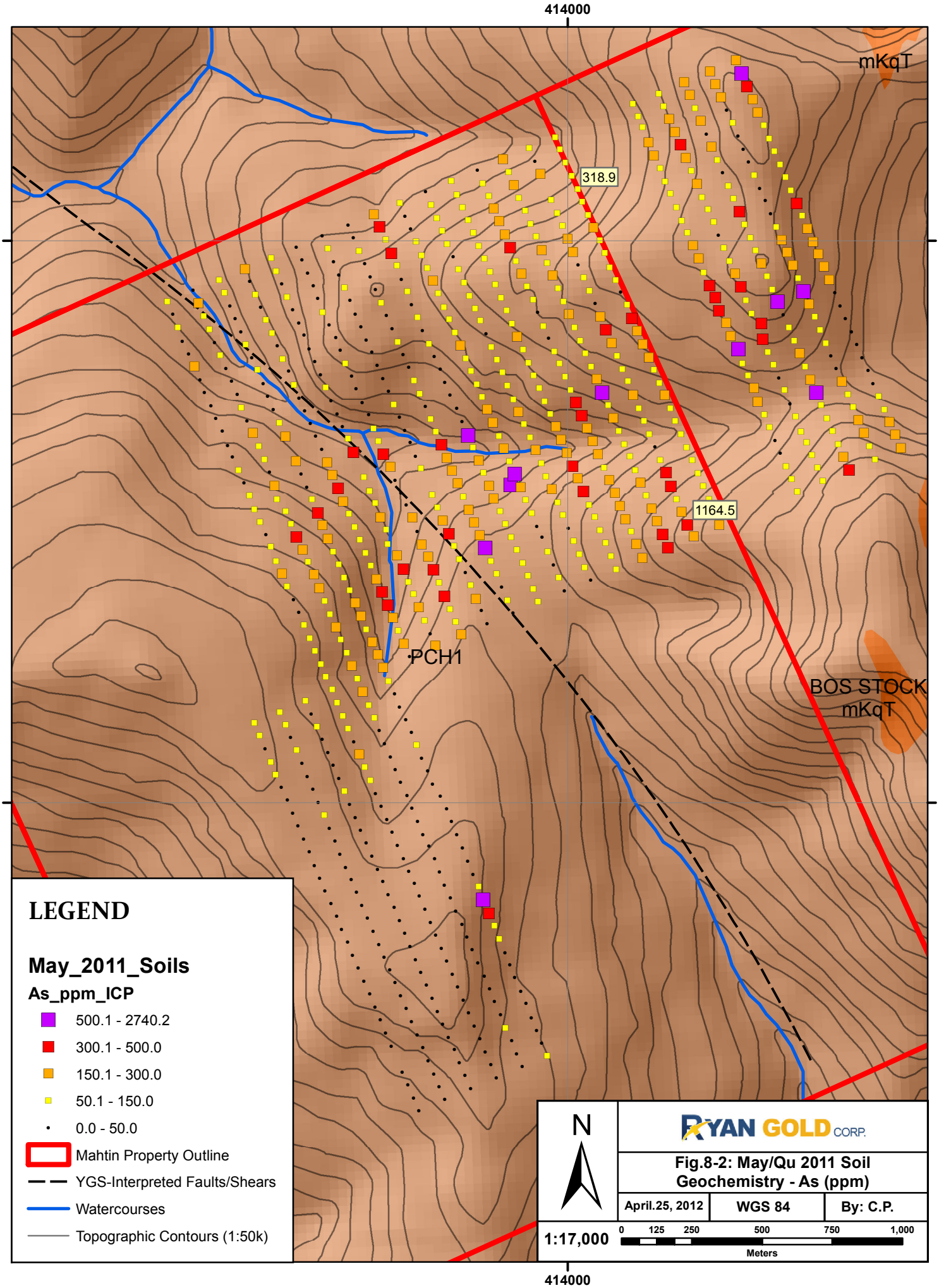
Fig.8-1: May/Qu 2011 Soil Geochemistry - Au (ppb)

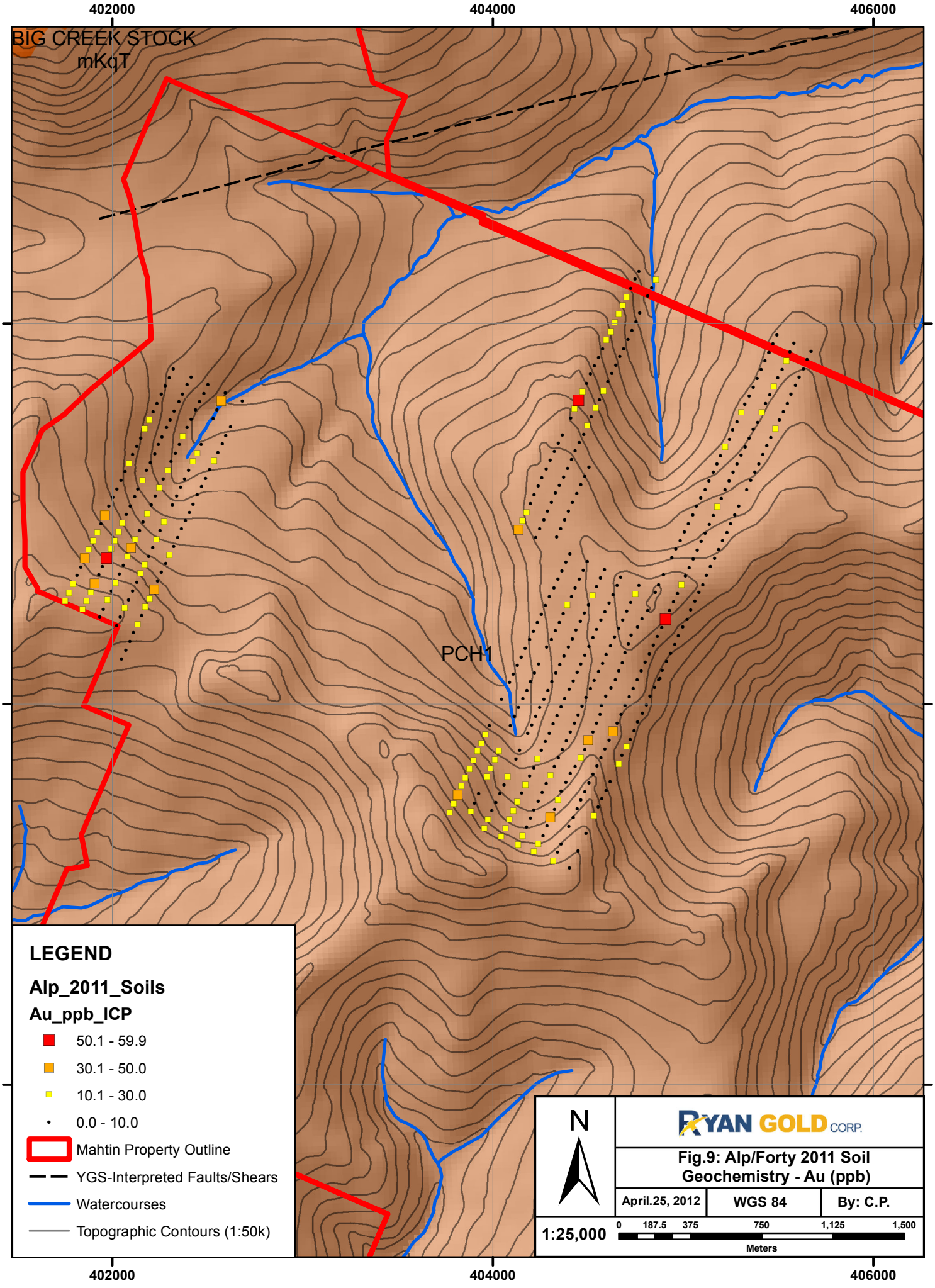
April.25, 2012	WGS 84	By: C.P.

1:25,000

0 187.5 375 750 1,125 1,500

Meters


414000
7074000
7072000
mKqT
318.9
1164.5
PCH1
BOS STOCK
mKqT
LEGEND
May_2011_Soils
As_ppm_ICP
500.1 - 2740.2
300.1 - 500.0
150.1 - 300.0
50.1 - 150.0
0.0 - 50.0
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
Topographic Contours (1:50k)
N
RYAN GOLD CORP.
Fig.8-2: May/Qu 2011 Soil Geochemistry - As (ppm)
April.25, 2012
WGS 84
By: C.P.
1:17,000
0 125 250 500 750 1,000
Meters


402000
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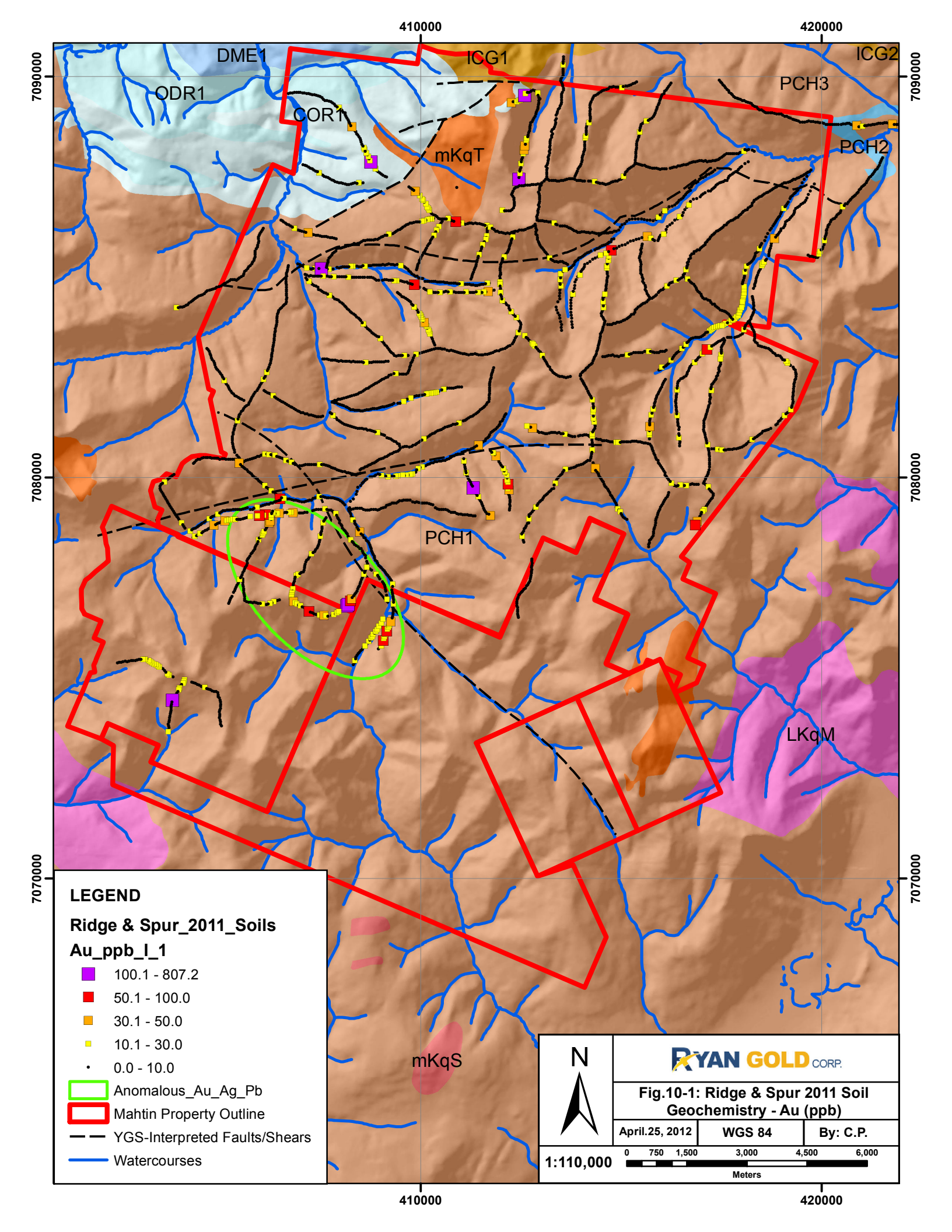
406000
7078000
7076000
7074000
BIG CREEK STOCK
mKqT
PCH1
LEGEND
Alp_2011_Soils
Au_ppb_ICP
50.1 - 59.9
30.1 - 50.0
10.1 - 30.0
0.0 - 10.0
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
Topographic Contours (1:50k)
N
RYAN GOLD CORP.
Fig.9: Alp/Forty 2011 Soil Geochemistry - Au (ppb)
April.25, 2012
WGS 84
By: C.P.
1:25,000
0
187.5
375
750
1,125
1,500
Meters


410000
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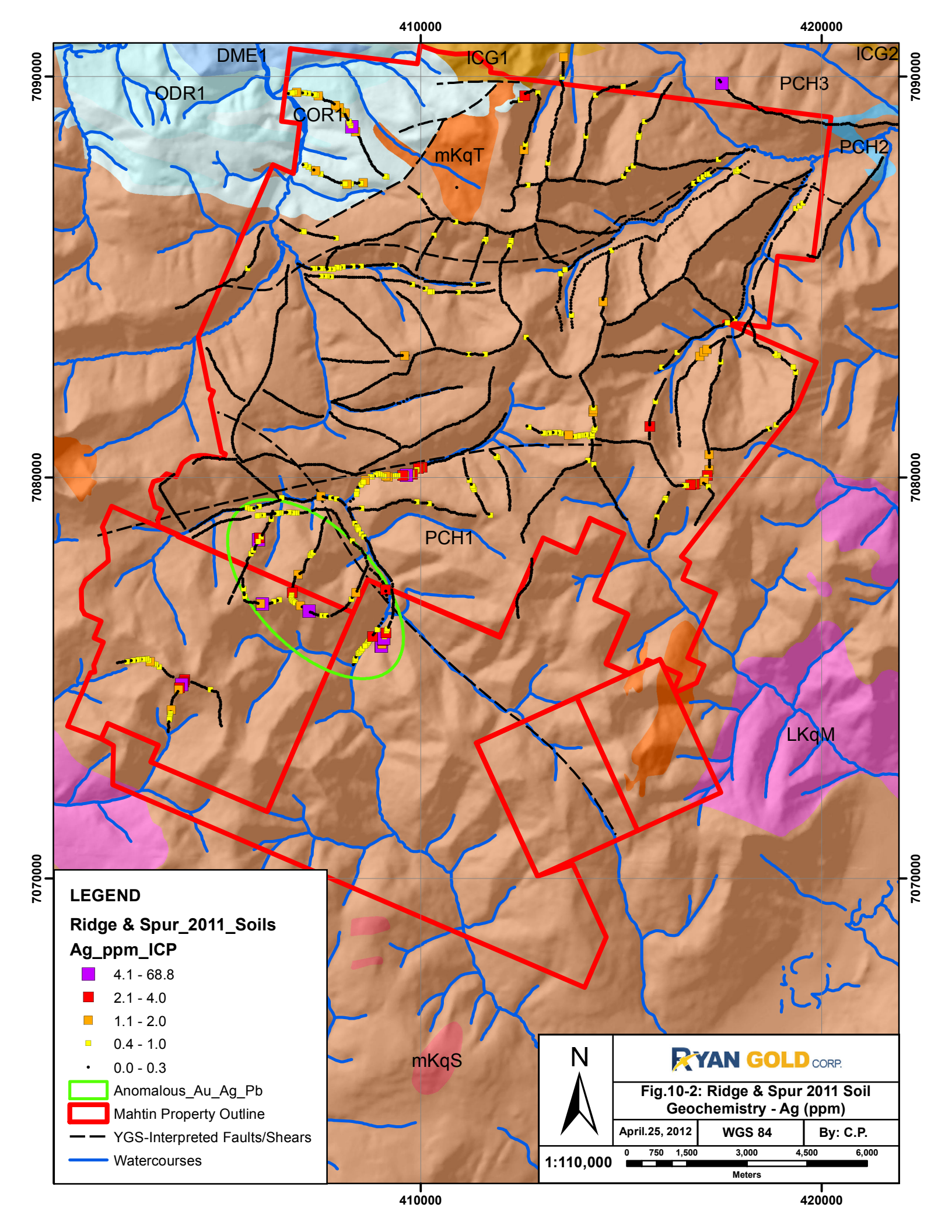
ICG1
ICG2
ODR1
COR1
PCH3
PCH2
mKqT
PCH1
LKqM
mKqS
LEGEND
Ridge & Spur_2011_Soils
Au_ppb_l_1
100.1 - 807.2
50.1 - 100.0
30.1 - 50.0
10.1 - 30.0
0.0 - 10.0
Anomalous_Au_Ag_Pb
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
N
RYAN GOLD CORP.
Fig.10-1: Ridge & Spur 2011 Soil Geochemistry - Au (ppb)
April.25, 2012
WGS 84
By: C.P.
1:110,000
0 750 1,500 3,000 4,500 6,000
Meters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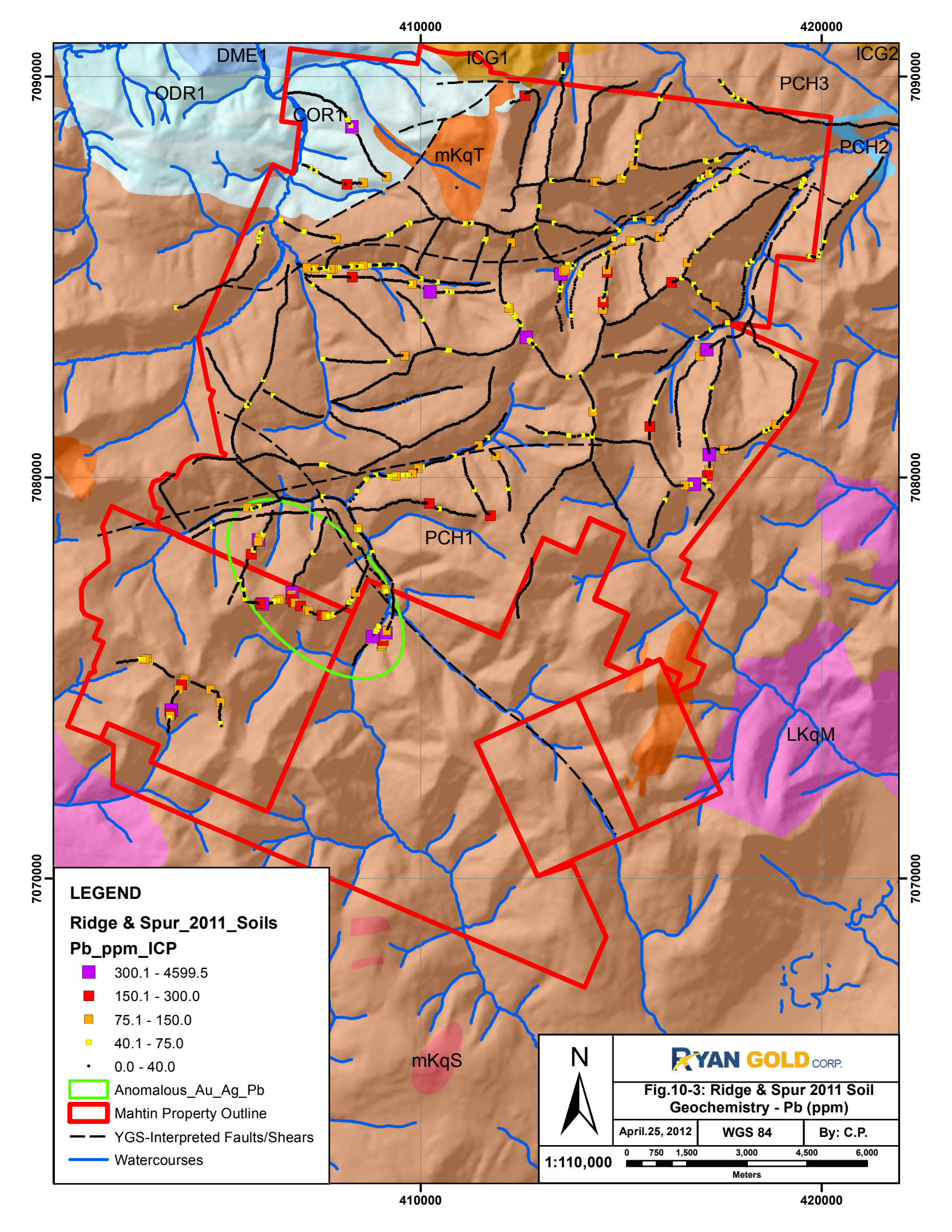
ICG1
ICG2
ODR1
COR1
PCH3
PCH2
mKqT
PCH1
LKqM
mKqS
LEGEND
Ridge & Spur_2011_Soils
Ag_ppm_ICP
4.1 - 68.8
2.1 - 4.0
1.1 - 2.0
0.4 - 1.0
0.0 - 0.3
Anomalous_Au_Ag_Pb
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
N
RYAN GOLD CORP.
Fig.10-2: Ridge & Spur 2011 Soil Geochemistry - Ag (ppm)
April.25, 2012
WGS 84
By: C.P.
1:110,000
0 750 1,500 3,000 4,500 6,000
Meters


410000
420000
7090000
7080000
7070000
DME1
ICG1
ICG2
ODR1
COR1
PCH3
PCH2
mKqT
PCH1
LKqM
mKqS
LEGEND
Ridge & Spur_2011_Soils
Pb_ppm_ICP
300.1 - 4599.5
150.1 - 300.0
75.1 - 150.0
40.1 - 75.0
0.0 - 40.0
Anomalous_Au_Ag_Pb
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
N
RYAN GOLD CORP.
Fig.10-3: Ridge & Spur 2011 Soil Geochemistry - Pb (ppm)
April.25, 2012
WGS 84
By: C.P.
1:110,000
0 750 1,500 3,000 4,500 6,000
Meters

A smaller grid to the south on the Qu claims, consisting of six 1500 meter soil lines returned low values for gold as well as pathfinder elements.

6.2.3 Alp/Forty Grid

Two small grids on the Alp/Forty claims tested the continuity of mineral showings in the area. The results were disappointing and returned low gold values (<100 ppb) (Fig.9). There are minor arsenic anomalies in the southern portion of both grids, but all other pathfinders returned low values.

6.2.4 Ridge & Spur

Reconnaissance soil sampling was conducted along ridgelines in an attempt to prospect new areas of gold mineralization on the Mahtin property. Ridgelines are ideal locations for collecting geochemical soil samples for a number of reasons. They are easy for the sampler to traverse, allowing a greater distance to be covered, and therefore a greater number of samples collected per day. Soil cover is not as thick, making it easier to collect samples close to their bedrock source. Lastly, the soil on ridge tops has not been transported, either downslope or down valley, by erosional processes. This makes interpretation of the results more straightforward.

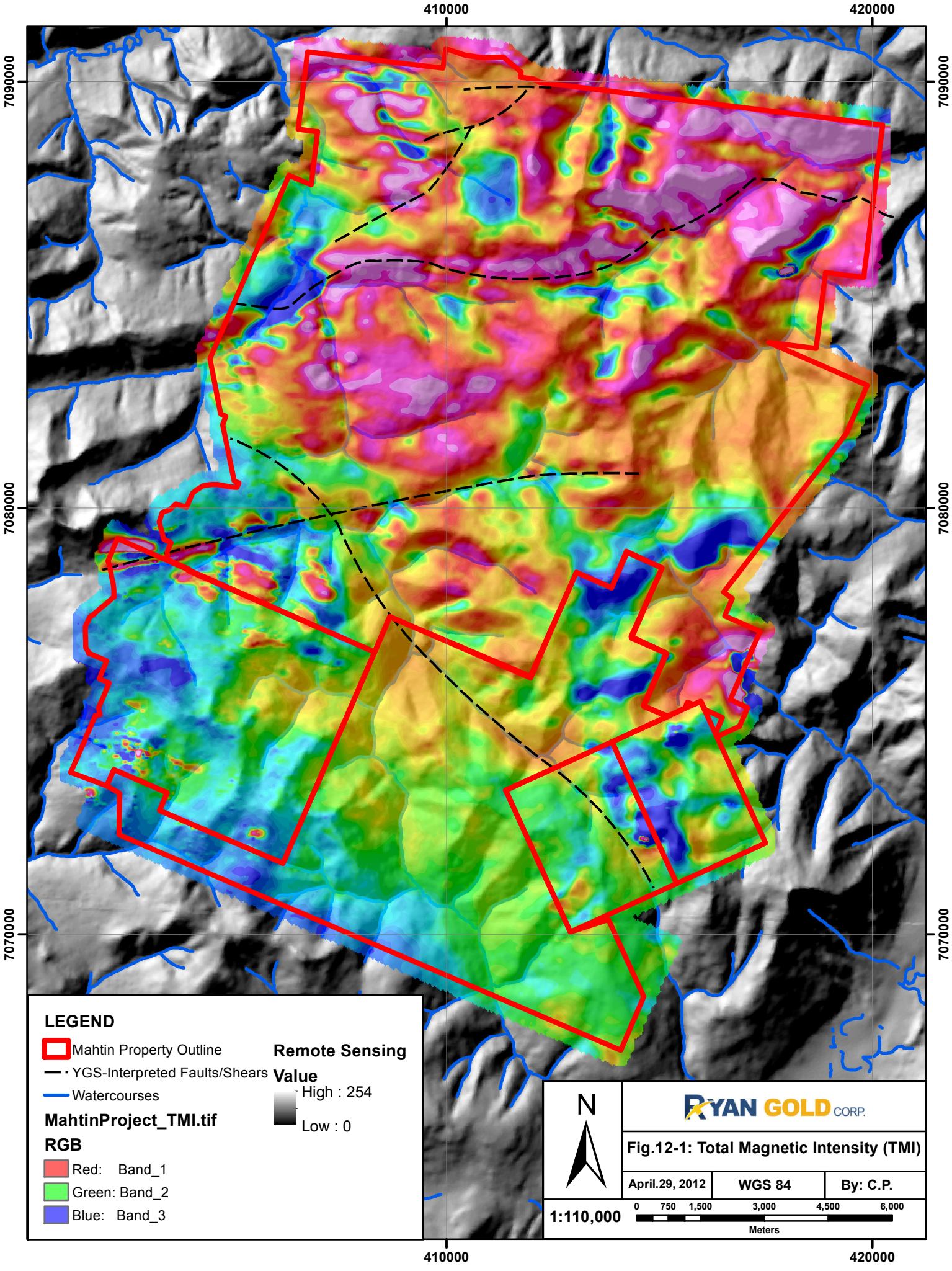
The ridge and spur sampling indicates there are moderately elevated background gold values on the Mahtin property, with a few spot anomalies running up to 807 ppb Au. The high gold values do not appear to have much continuity, however follow up work in the field is necessary to assess these anomalies and determine if further sampling is warranted. The most interesting region is a zone of high gold, lead and silver that underlies several of the ridge and spur lines just northeast of the alp grid (Figs.10-1 – 10-3). At this point, no major trends can be seen in the data that indicate any property-scale structural controls on the mineralization. Gold and arsenic are moderately correlated in the ridge & spur sampling, with a correlation coefficient (r) of 0.27.

GEOPHYSICS

Precision Geosurveys Inc. of Vancouver, BC, flew a helicopter-borne geophysical survey on the Mahtin in 2011. The survey collected high resolution magnetic and radiometric data between July 22, 2011 and August 09, 2011. With a 200 m buffer around the property, a total of 3389 line kilometers of magnetic and radiometric data were flown for this survey; this total includes tie lines and survey lines. The survey lines were flown at 100 meter spacing's at a $000^{o}/180^{o}$ heading; the tie lines were flown at 1 km spacing's at a heading of 090^{o} /270^{o}.

The final deliverables included georeferenced images of the following gridded geophysical data:

- The total magnetic field (TMI), shown in Figure 12-1.
- The calculated vertical magnetic gradient (1VD), shown in Figure 12-2.
- Potassium radiometrics, shown in Figure 12-3.
- Thorium radiometrics, shown in Figure 12-4.
- Uranium radiometrics, shown in Figure 12-5.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420000
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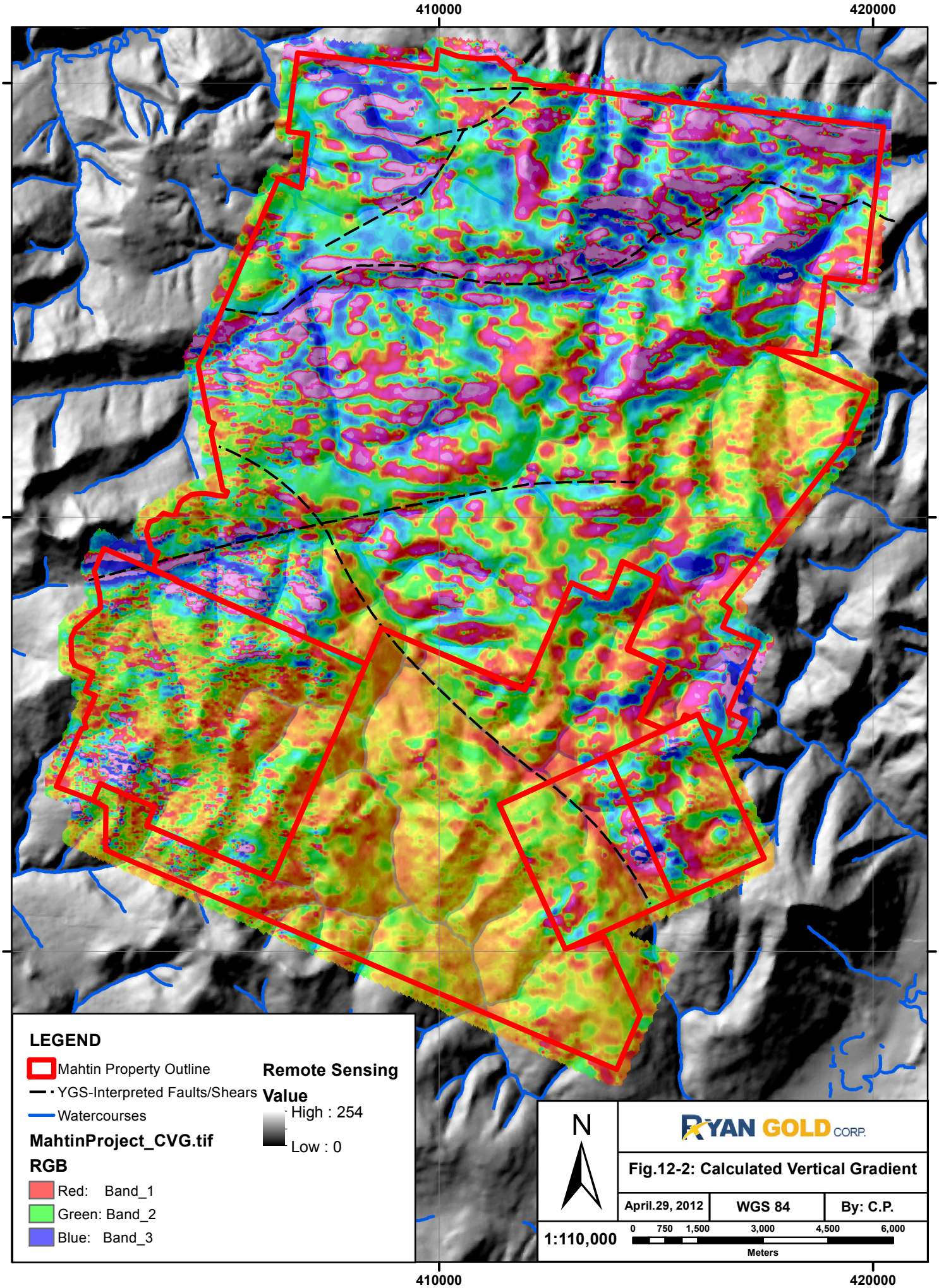
7080000
7070000
LEGEND
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
MahtinProject_TMI.tif
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
Remote Sensing
Value
High : 254
Low : 0
N
RYAN GOLD CORP.
Fig.12-1: Total Magnetic Intensity (TMI)
April.29, 2012
WGS 84
By: C.P.
1:110,000
0 750 1,500 3,000 4,500 6,000
Meters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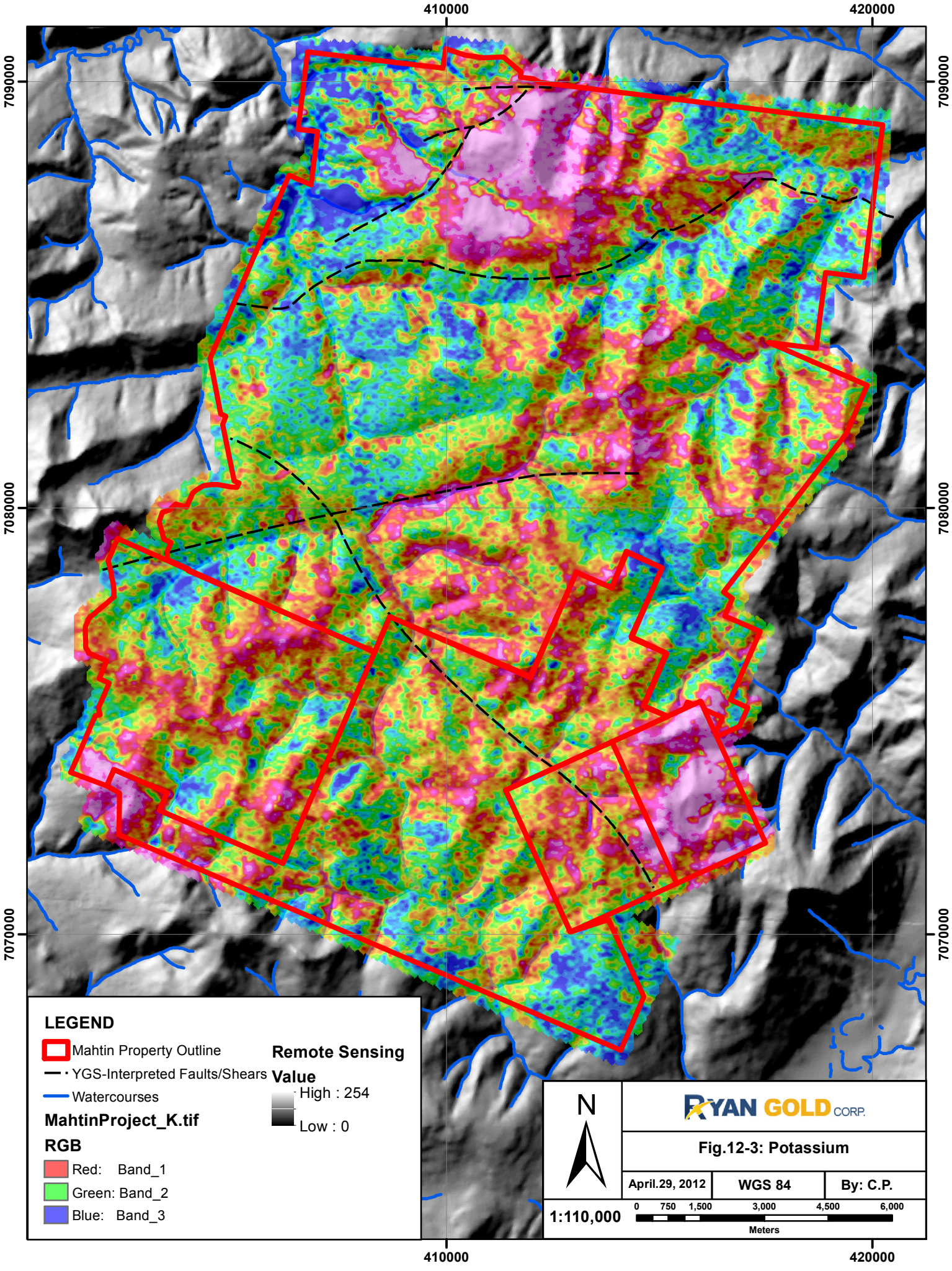
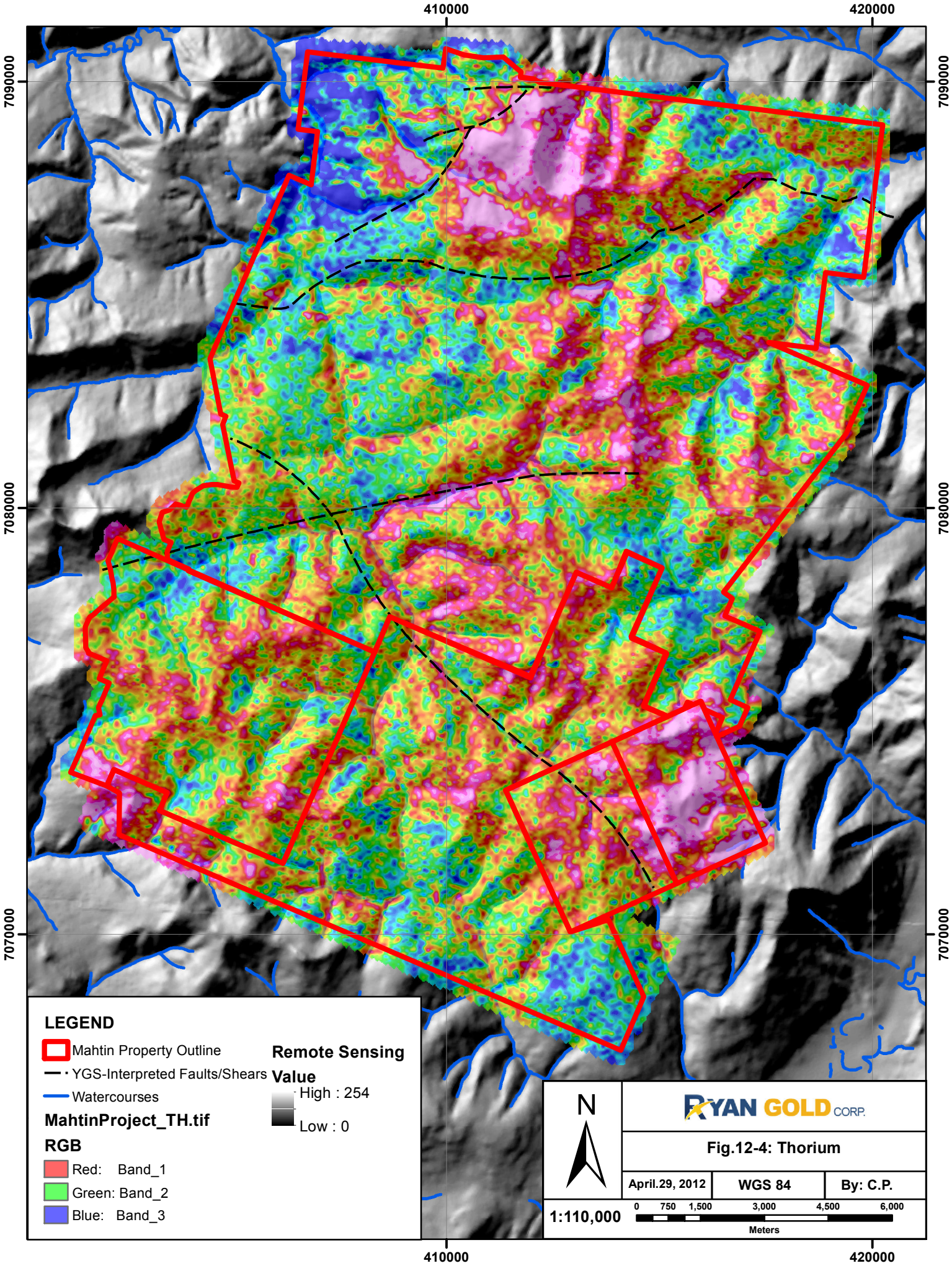
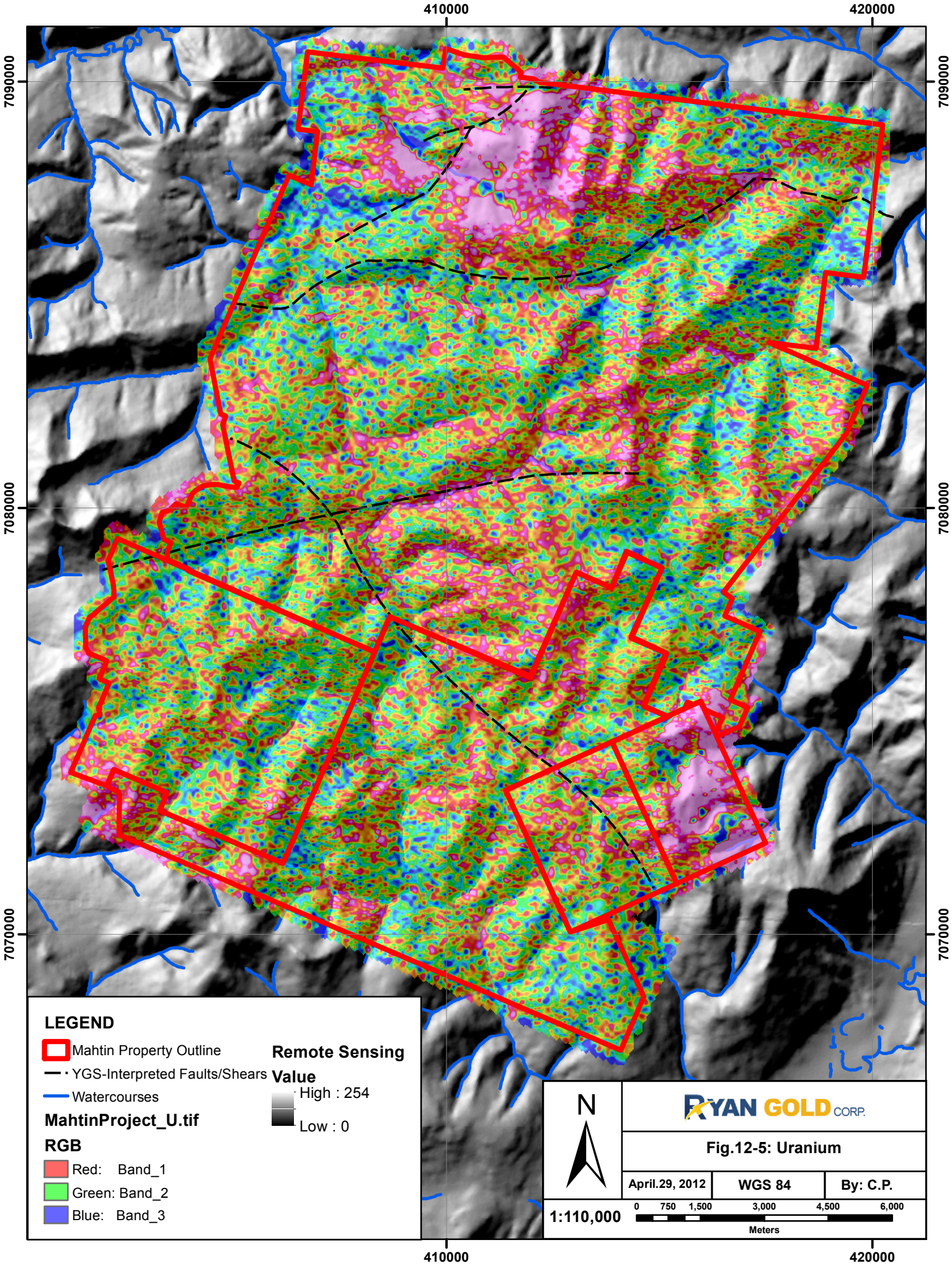
LEGEND
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
MahtinProject_CVG.tif
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
Remote Sensing
Value
High : 254
Low : 0
N
RYAN GOLD CORP.
Fig.12-2: Calculated Vertical Gradient
April.29, 2012
WGS 84
By: C.P.
1:110,000
0 750 1,500 3,000 4,500 6,000
Meters


410000
420000
7090000
7080000
7070000
LEGEND
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
MahtinProject_K.tif
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
Remote Sensing
Value
High : 254
Low : 0
N
RYAN GOLD CORP.
Fig.12-3: Potassium
April.29, 2012
WGS 84
By: C.P.
1:110,000
0 750 1,500 3,000 4,500 6,000
Meters


410000
420000
7090000
7080000
7070000
LEGEND
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
MahtinProject_TH.tif
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
Remote Sensing
Value
High : 254
Low : 0
N
RYAN GOLD CORP.
Fig.12-4: Thorium
April.29, 2012
WGS 84
By: C.P.
1:110,000
0 750 1,500 3,000 4,500 6,000
Meters


410000
420000
7090000
7080000
7070000
LEGEND
Mahtin Property Outline
YGS-Interpreted Faults/Shears
Watercourses
MahtinProject_U.tif
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
Remote Sensing
Value
High : 254
Low : 0
N
RYAN GOLD CORP.
Fig.12-5: Uranium
April.29, 2012
WGS 84
By: C.P.
1:110,000
0 750 1,500 3,000 4,500 6,000
Meters

A report with interpretations and recommendations, based on the geophysical data was completed by Buks Lubbe of Lubbe Geophysics Inc. Additional maps were produced using the magnetic data collected, in order to better emphasize structures seen in the data. The full report is attached in Appendix C. The following is a summary of Buks interpretations:

The Analytical signal is used to map the limits of magnetic bodies. The amplitudes of magnetic anomalies in the survey area are mostly less than 500 nT. Three magnetic anomalies, indicated by the yellow arrows in figure 11-1, have amplitudes greater than 500 nT (600-1000nT) and are believed to represent pyrrhotite skarns. Three other second tier anomalies were also picked based on their localized magnetic character. Represented by green arrows, these anomalies are also potential candidates for skarns.

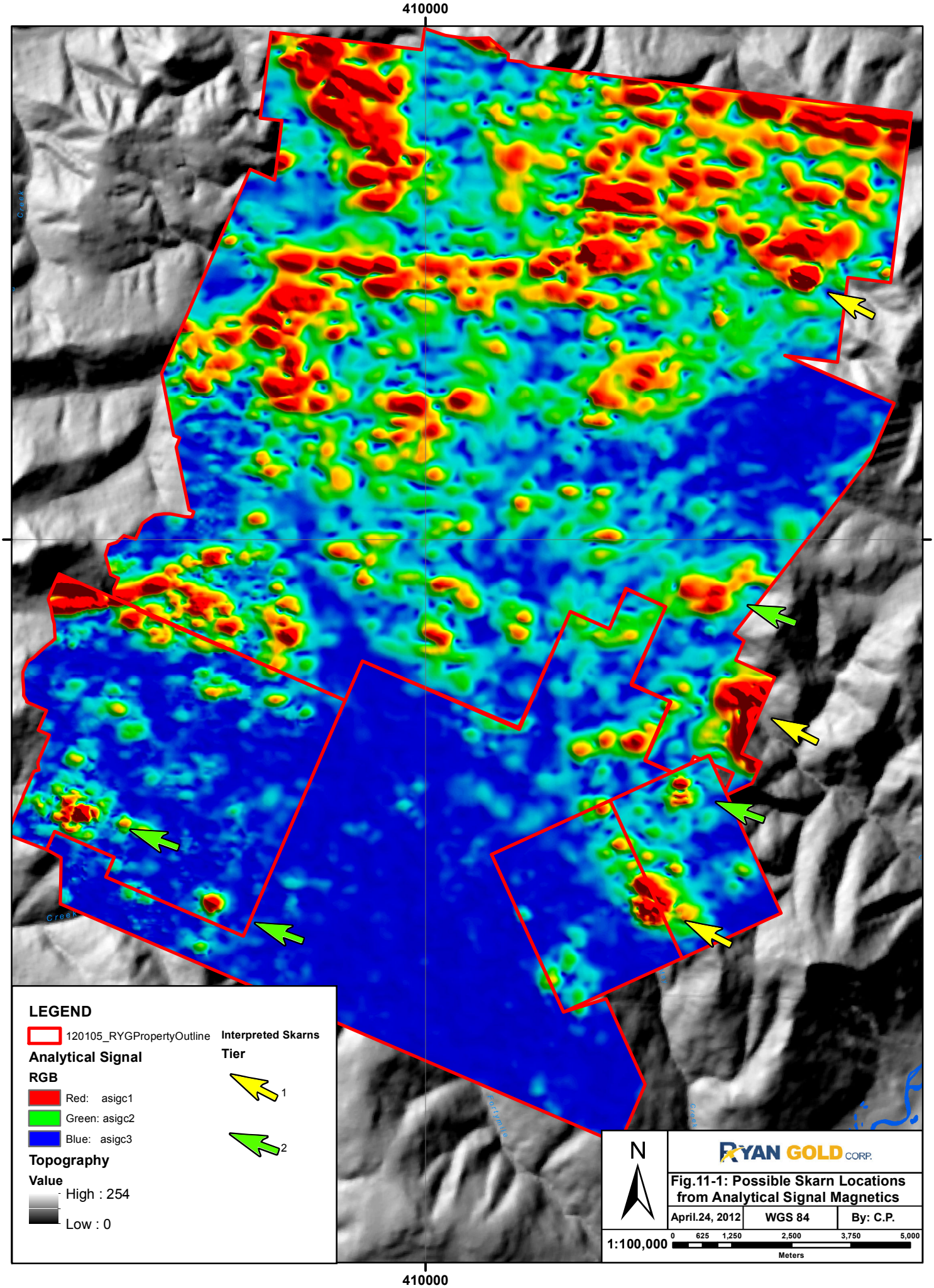
Numerous east-west, northwest and northeast trending faults have been inferred from the 1st vertical derivative magnetic data (Fig.11-2). The interpreted east-west faults cut all others and are likely the youngest faults in the area. They form the approximate limits of the magnetic domains and may represent regional-scale thrust faults. Magnetic lineaments, possibly representative of dykes, are indicated by the green lines.

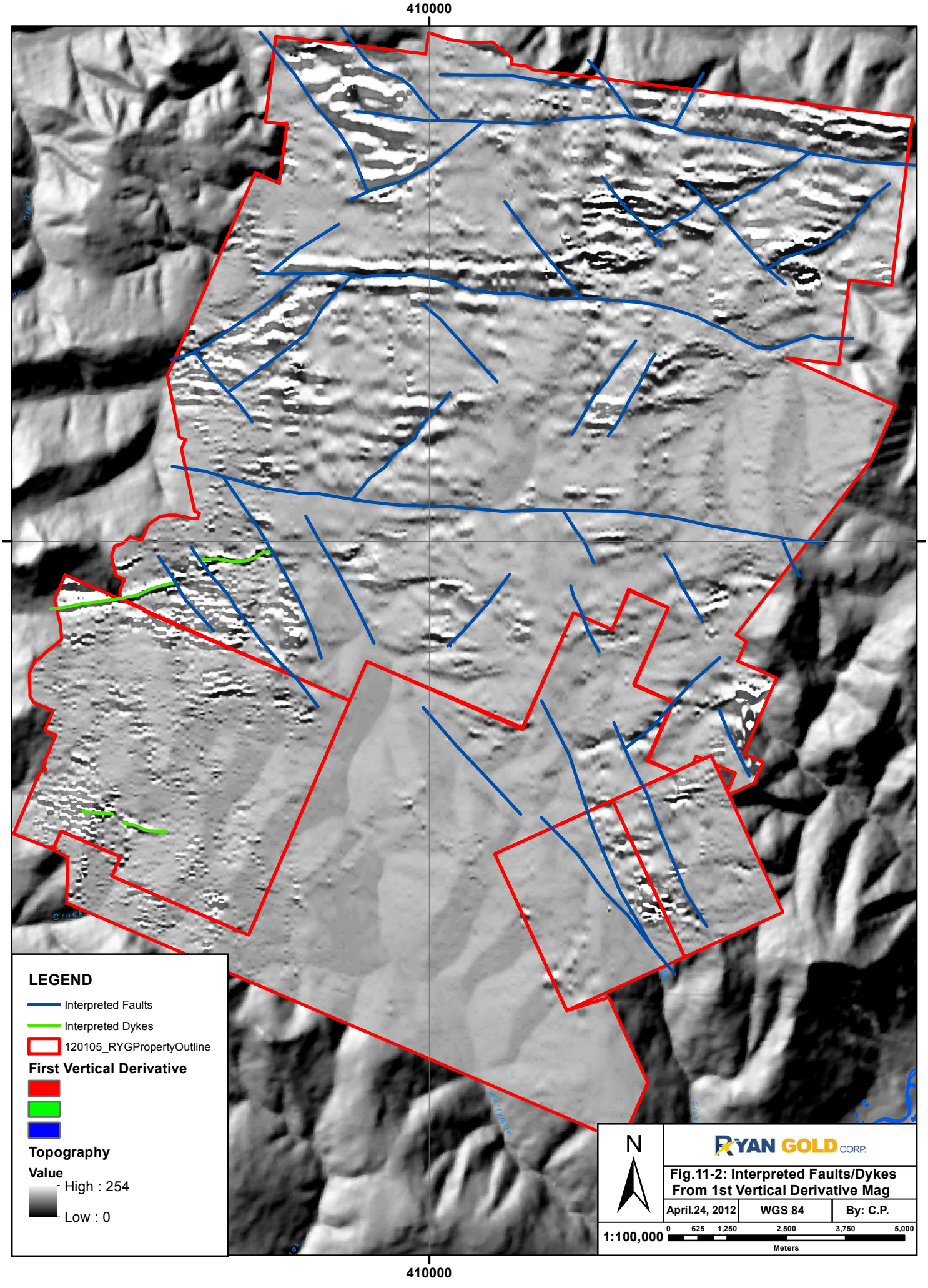
The radiometrics maps correlate very well with the locations of previously mapped intrusive bodies. The uranium anomalies are very well defined and show up clearly over the Sprague Creek stock in the north and the Bos stock in the southeast (Fig.12-5).

Five areas were selected, based on the geophysical data, as potential exploration targets (Fig.11-3). The targets are priority ranked, from A to E, with A being the highest priority and E the lowest.

Within area A are four individual geophysical anomalies, a1-a4. Anomalies a1 and a2 were mentioned earlier as skarn targets. Anomalies a1 and a2 are located on the ends of the Bos stock and possibly lie in the pressure shadows of the intrusive, a good potential trap for mineralization. Anomalies a2 and a3 are both associated with radiometric highs and possible intrusive related mineralization. Anomaly a4 lies within a mag low at the intersection of two interpreted faults and warrants follow up in the field and/or further geochemical soil sampling.

Area B includes the Mahtin proper grid and the area directly east and south of it. Faults interpreted from the magnetic data here very closely match faults mapped by D.Murphy et al. of the Yukon Geological Survey. Strong gold in soil values occur at the intersection of a subtle northeast trending magnetic lineament with a slightly more apparent east-west trending magnetic structure. The northeast trending magnetic structures are difficult to delineate and it is believed they could represent the oldest structural event in the area, whereas the more obvious east-west structures are believed to be more recent (thrust faults?). The intersection of these structures in such close proximity to the Sprague Creek stock likely created a favourable area for deposition of gold bearing fluids during the mineralizing event.


410000
7080000
7080000
410000
LEGEND
120105_RYGPropertyOutline
Analytical Signal
RGB
Red: asigc1
Green: asigc2
Blue: asigc3
Topography
Value
High : 254
Low : 0
Interpreted Skarns
Tier
1
2
N
RYAN GOLD CORP.
Fig.11-1: Possible Skarn Locations from Analytical Signal Magnetics
April.24, 2012
WGS 84
By: C.P.
1:100,000
0 625 1,250 2,500 3,750 5,000
Meters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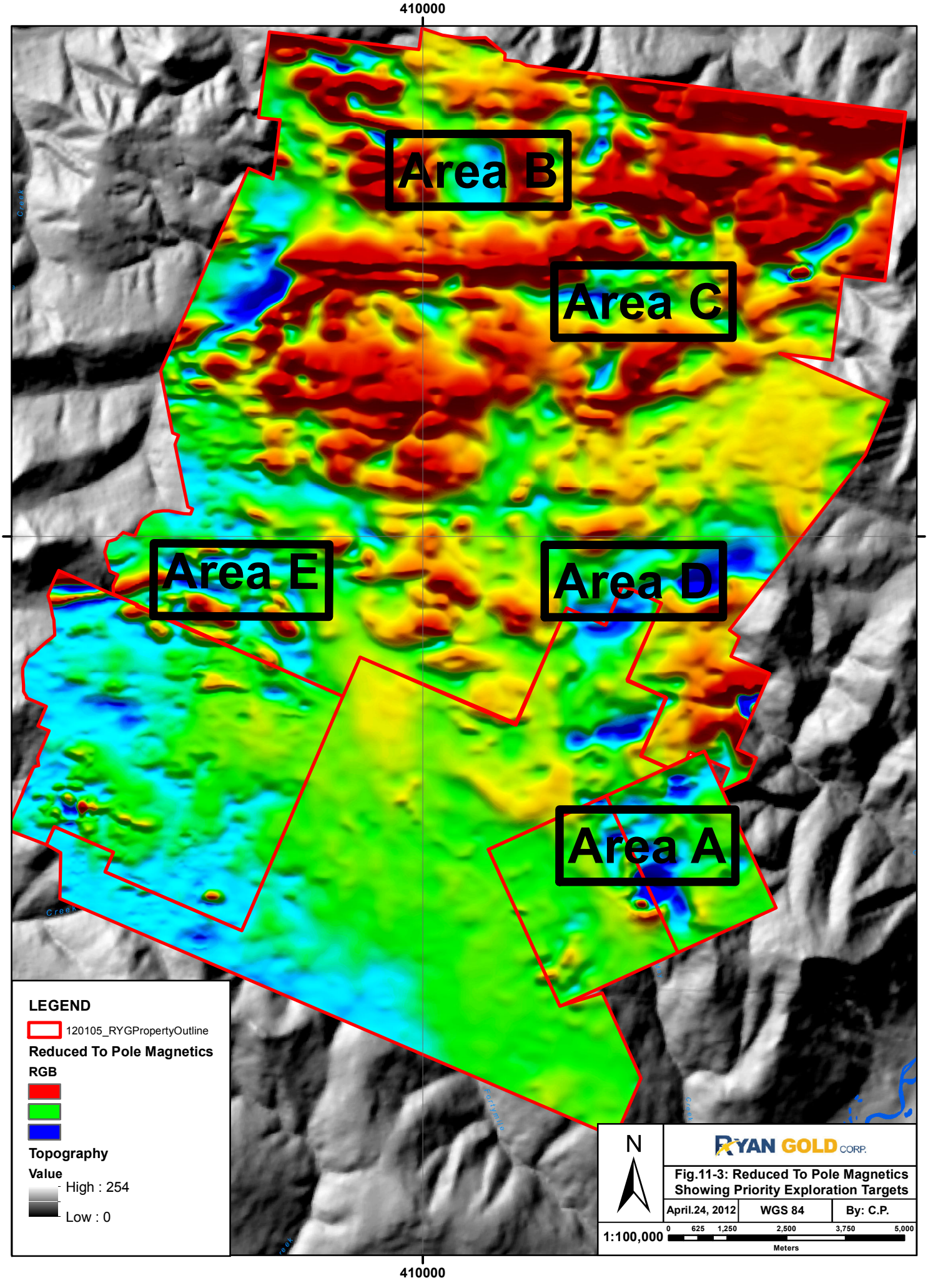
7080000
7080000
410000
LEGEND
Interpreted Faults
Interpreted Dykes
120105_RYGPropertyOutline
First Vertical Derivative
Topography
Value
High : 254
Low : 0
N
RYAN GOLD CORP.
Fig.11-2: Interpreted Faults/Dykes From 1st Vertical Derivative Mag
April.24, 2012
WGS 84
By: C.P.
1:100,000
0 625 1,250 2,500 3,750 5,000
Meters


410000
7080000
Area B
Area C
Area E
Area D
Area A
LEGEND
120105_RYGPropertyOutline
Reduced To Pole Magnetics
RGB
Topography
Value
High : 254
Low : 0
N
RYAN GOLD CORP.
Fig.11-3: Reduced To Pole Magnetics
Showing Priority Exploration Targets
April.24, 2012
WGS 84
By: C.P.
1:100,000
0 625 1,250 2,500 3,750 5,000
Meters

Several other radiometric and magnetic anomalies (anomalies b1-b4) to the south and east of the Mahtin soil survey grid have been recommended as target areas for further exploration work.

Areas C and D are geophysical anomalies, but are not associated with anomalous geochemistry. Follow up field work should be done to investigate the possible source of these anomalies.

Area E covers a magnetically active area to the north of the Alp/Forty geochemical grid with dike-like magnetic responses. Several northwest trending magnetic structures in the area coincide with the Au/Ag/Pb anomaly from the ridge and spur soil geochemistry.

There is a general change in magnetic intensity that occurs from northeast to southwest across the property. A better understanding of the local geology should help to uncover the underlying source of this change.

The radiometric survey has done a good job of delineating the two major intrusive bodies on the property. It is possible that additional stocks and dykes do exist on the property, but may retain more subtle radiometric signatures. Further field work should be able to determine the possibility of other small or partially buried intrusions on the property.

CONCLUSIONS

The geochemical survey on the Mahtin property has confirmed the presence of significant gold mineralization on the May/Qu and Mahtin claims. The gold on these claims is associated with Tombstone suite intrusions that cut folded and thrust metasedimentary rocks of the Selwyn Basin. The Au/Bi/Te geochemical signature is typical of intrusion-related gold systems found throughout the Yukon and Alaska. Although not strong, the stocks at Mahtin are enriched in tungsten, which is also characteristic of intrusion-related gold deposits.

The soil survey on the Mahtin proper claims expanded and provided better geochemical data over the pre-existing historical soil grid. This allowed for high resolution gridding of the data, using kriging techniques in Geosoft Target®. Gridding the geochemistry on the Mahtin claims has shown that the mineralization is structurally controlled along contacts and possibly by intersecting faults mapped by D. Murphy et al. of the Yukon Geological Survey. Investigating these faults in further detail may reveal if they in fact did play a role in the mineralizing event at Mahtin.

The soil survey on the May/Qu claims was successful at discovering a new gold anomaly on the Mahtin property. This anomaly is continuous with anomalous gold values from historical grids to the southeast, closer to the Bos Stock. The mineralization is open in all directions and extending the grid is necessary to determine how long it continues for. The close proximity of the Tombstone suite intrusions indicates there is good potential for intrusion-related gold.

Prospectors and geologists that worked the May/Qu claims in the past have reported mineralized skarns in and around the area of the 2011 soil grid. Unlike the gold on the Mahtin claims, the gold on the

May/Qu extends a good distance from the contact with the nearby stock. It appears a large portion of gold is hosted by metasediments and skarns within the thermal aureole of the intrusion. Another contrast with the Mahtin proper anomaly is the pathfinder associations. The gold on the May/Qu has very low correlation with the typical intrusion-related elements such as bismuth and tellurium. Further sampling needs to be done in order to determine if there are any trace elements that correlate with gold here.

One showing of intrusive rock that was found to contain arsenopyrite as disseminations and fracture-coatings was chip sampled and returned low grade gold values for over 70 meters on a talus slope. If the mineralization is consistent throughout the intrusions as well as into the thermal aureole, there is potential for a large gold system in the southeast portion of the Mahtin property.

The small geochemical grids covering the Alp/Forty claims assayed very low for gold and other pathfinder elements. There is not much potential for significant reserves in the areas underlying the grid. The ridge & spur sampling did however locate anomalous Au/Ag/Pb mineralization in the northeast corner of the Alp/Forty claim block.

The airborne magnetic survey was helpful in outlining property scale structures that cut the Selwyn Basin stratigraphy at Mahtin. Buks Lubbe's interpretation of the data was very informative and useful in locating target areas for follow up during the 2012 field season. The only unfortunate aspect of the geophysics is that many of the structures do not seem to correlate well with the geochemistry. One notable exception to this is on the Mahtin geochemistry grid, where two interpreted faults intersect and coincide with anomalous gold mineralization. These two faults have been interpreted separately by both field mapping and lineaments seen in the magnetic data. That their locations also correlate with the geochemistry is good evidence that they do exist and were important fluid focussing structures during the mineralizing event.

The radiometric data, especially the uranium radiometrics, has proved very efficient in delineating the previously mapped intrusive bodies on the Mahtin. The cause for the other, more subtle radiometric anomalies is unexplained. The potential does exist for buried intrusions, which may have contributed gold mineralization with no surface expression. These anomalies require follow up in the field to determine their actual sources.

RECOMMENDATIONS

Based on the data collected to date, the potential for significant gold mineralization exists on the Mahtin property. Additional field work consisting of geochemical sampling, geological mapping and prospecting is warranted for the 2012 season.

Geochemical sampling should focus on the southeast portion of the property, where mineralization is associated with the Cretaceous Bos stock. The sampling should aim to expand the 2011 grid in all directions. As well, reconnaissance sampling should be done along ridges and side-hills to the northeast

of the 2011 grid. The reconnaissance sampling should target the mapped intrusions as well as the anomalous areas defined in the geophysics interpretation by Buks in Appendix C of this report. There are ridges that run north-south along the length of the Bos stock that would provide ideal locations for geochemical soil sampling. In addition, re-sampling over the historical grids in this area would provide better quality assay data and allow high resolution gridding of the data in Geosoft Target®.

Detailed geological mapping at a 1:10,000 scale should be done over the Mahtin proper geochemical grid. Mapping should be supplemented with grab sampling of outcrop to identify the ultimate bedrock source of the soil anomaly.

Detailed mapping on the May/Qu claims should be held off until all the results are received from the recommended soil geochemical survey. Having the completed soil survey would give mappers the ability to highlight anomalous areas for mapping in greater detail. Depending on turnaround times with the analytical laboratories, there may be time for a mapping program on the May/Qu before the end of the 2012 season. If a full mapping program is not practical until 2013, two to three days of preliminary prospecting and grab sampling should be spent to gain a better understanding of the controls on mineralization.

Prospecting is also warranted on the various geophysical anomalies as well as the spotty anomalies from the ridge & spur sampling. One day at each location should be sufficient to examine the bedrock and collect grab samples in these areas.

The drilling program done by International Gold Resources in 2007 was not able to discover any significant sub-surface mineralization on the Mahtin claims. Not all of the intervals however, were sampled and un-sampled core still remains on site. Re-logging and re-sampling of the entire 2007 drill program may lead to the discovery of mineralized intervals that have not yet been sampled. This would at the least, provide a better understanding of the subsurface geology and gold grades at a relatively low cost.

STATEMENT OF QUALIFICATIONS

I, Chris Paul, of the City of Vancouver, British Columbia do hereby certify that:

1. I am a graduate of the British Columbia Institute of Technology (2011) with a Diploma in Mining & Mineral Exploration Technology With Distinction

2. I have been employed with Ryan Gold Corp. as a Junior Geologist since May 2011.

3. I did not participate in or supervise the soil survey or geophysical survey outlined in this report and I have completed this report on behalf of my employer, Ryan Gold Corp.

STATEMENT OF EXPENDITURES

Mahtin Regional Sampling Program

Includes: Alp, Alpine, Callum, Forty, Mahtin, May & Qu

SOIL SAMPLING PROGRAM:

A total of 254 man days were required to collect a total of 7538 soil samples from August 5 to 25, 2011

Description		Rate	Unit	Total
WAGES:				
Soil Samplers	per day	$ 350.00	203	$ 71,050.00
Project Forman	per day	$ 400.00	51	$ 20,400.00
Travel Rate: Soil Sampler	per day	$ 250.00	30	$ 7,500.00
Packing & Prep	per day	$ 250.00	4	$ 1,000.00
Weather Rate: Soil Sampler	per day	$ 250.00	15	$ 3,750.00
Stat Holiday	per day	$ 250.00	15	$ 3,750.00
DATA MANAGEMENT & PROCESSING SERVICES:				
GIS/Job Layout/Mapping/Results Plotting	per hour	$ 75.00	10	$ 750.00
Data Processing: In the field	per hour	$ 60.00	51	$ 3,060.00
Database Management/Chain of Custody, Barcoded Samples	$0.50/sample	$ 0.50	7538	$ 3,769.00
Georeferenced In situ Sample & Sample Site Photos	per sample	$ 1.00	7538	$ 7,538.00
CONSUMABLE SAMPLING SUPPLIES:				
Flagging, Metal ID Tags, Sample Bags, Ore Bags, Rice Bags, etc.	per sample	$ 1.00	7538	$ 7,538.00
EQUIPMENT RENTAL (per unit, per day):				
Truck Rental: Fuel extra	per day	$ 150.00	3	$ 450.00
Fuel	per km	$ 0.25	500	$ 125.00
Flat Deck Trailer: 10,000 lbs., 20 ft.	per day	$ 100.00	1	$ 100.00
Chainsaw drop kit: 1 per helicopter load, or as required	per day	$ 35.00	51	$ 1,785.00
Iridium Satellite Phone: 1 per crew, charge 10 min/day	per day&min	$ 35.00	51	$ 1,785.00
Radio: ICOM Handheld: 1 per person	per day	$ 5.00	254	$ 1,270.00
Computer/Software: 1 per camp nightly data download	per day	$ 50.00	18	$ 900.00
Handheld GPS/Barcode Scanner/Camera/Data Recorder	per day	$ 15.00	254	$ 3,810.00
Camp Satellite Internet	per day	$ 20.00	18	$ 360.00
ACCOMODATION and FOOD:				
Remote Camp Fee: full fly camp/kitchen/generator	per man day	$ 35.00	254	$ 8,890.00
Dawson Accomodation Fee: Samplers based in Dawson	per man day	$ 35.00		$ -
Food	per man day	$ 50.00	299	$ 14,950.00
EXPEDITING: Full Size Truck	per hour	$ 75.00	20	$ 1,500.00
HELICOPTER SUPPORT:				
Trans North	per hour	$ 990.00		$ -
Trans North	per hour	$ 1,035.00	9.6	$ 9,936.00
Trans North	per hour	$ 1,575.00	57	$ 89,775.00
FUEL	per litre	$ 1.45		$ 15,877.89
ANALYTICAL ANALYSIS COSTS:				
Acme Laboratories, Vancouver, B.C./SOILS	per sample	$ 22.00	7538	$ 165,836.00
REPORT WRITING:				$ 500.00
		SOIL SAMPLING PROGRAM =		**$ 447,954.89**

Mahtin Regional Geophysical Survey Program

Includes: Alp, Alpine, Callum, Forty, Mahtin, May & Qu

Mag-Spec Airborne Geophysics Program:

Covering a total of 1452 quartz claims

Description		Rate	Unit	Total
PRECISION GEOSURVEYS INC.				
3573 line km @ $59.92/km	per km	$ 59.92	3573	$ 214,094.16
Standby				$ 2,500.00
WAGES:				
Geologist/VP Exploration	per day	$ 800.00	2	$ 1,600.00
REPORT WRITING:				$ 1,000.00
		SOIL SAMPLING PROGRAM =		**$ 219,194.16**

REFERENCES

BILLITON CANADA LTD, May/82. Assessment Report #091018 by B. Paul and D. Rota.

CAMPBELL RESOURCES INC, Apr/81. Assessment Report *#090810 by A. Woodsend.

CASH RESOURCES LTD, Feb/99. Assessment Report #093944 by W.D. Eaton.

CCH MINERALS LTD, Jan/82. Assessment Report #090956 by B. Paul and D. Rota.

COMINCO LTD, Dec/80. Assessment Report #090720 by I. Jackfish.

COPPER RIDGE EXPLORATIONS INC, May/2001. Assessment Report #094252 by H. Marsden.

CORTIN JOINT VENTURE, Mar/80. Assessment Report #090794 by B. Paul.

EAGLE PLAINS RESOURCES LTD, Jan/2001. Assessment Report #094211 by B. Kreft.

FARALLON RESOURCES LTD, Dec/94. Assessment Report *#093313 by G. Gorzynski.

Lubbe, Buks, Airborne Geophysical Survey Report, Feb.09, 2012

MURPHY, D.C., AND HÉON, D., 1994. Geology and Mineral Occurrences of Sprague Creek Map Area (NTS 115P/15), western
Selwyn Basin, Yukon. In: Yukon Exploration and Geology 1993, Exploration and Geological Services Division, Yukon, Indian and
Northern Affairs Canada, p. 29-46.

MURPHY, D.C., AND HÉON, D., 1996. Geological Map of Sprague Creek Map Area, western Selwyn Basin, Yukon (NTS 115P/15). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Geoscience Map 1996-2, scale 1:50 000.

MURPHY, D.C., 1997. Geology of the McQuesten River Region, Northern McQuesten and Mayo Map Areas, Yukon Territory (115P/14, 15, 16; 105M/13, 14). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 6, 122 p.

Poon, Jenny, Precision Geosurveys Inc., Airborne Geohphysical Survey Report on the Mahtin Property, September 2011
Roots, C.F., and Murphy, D.C., 1992, New developments in the geology of Mayo map area, Yukon Territory, in Current Research, Part A: Geological Survey of Canada, Paper 92-1A, p. 163-171.

RYAN, S. Feb/2005. Assessment Report #094715 by S. Ryan.

SILVERQUEST RESOURCES LTD, Jan/88. Assessment Report #092098 by W.D. Eaton.

THOR EXPLORATIONS LTD, Mar/95. Assessment Report #093271 by B.A. Lueck.

TOTAL ERICKSON RESOURCES LTD, May/89. Assessment Report #092723 and #092724 by R. Basnett.

Yukon Geological Survey (2007). Selwyn Basin Metallogeny. Accessed on Feb 28/2012, from:
http://www.geology.gov.yk.ca/pdf/SelwynBasin.pdf

Doherty, A. (2007). Report on the Mahtin Property 2007 Diamond Drilling Red Mountain Area, Yukon.

APPENDIX A: ASSAY CERTIFICATES

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 07, 2011
Report Date: August 28, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000163.1

CLIENT JOB INFORMATION

Project: MAH
Shipment ID: MAH2011-01
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1DX2	319	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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www.acmelab.com

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000163.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1047385	Soil		1.2	150.5	13.5	59	0.6	18.1	11.9	643	2.86	890.2	8.5	13.4	16.0	52	0.3	129.2	4.4	43	0.48	0.093
1047389	Soil		1.0	245.3	45.0	118	0.8	22.2	13.7	1492	3.19	1851	8.4	80.1	18.0	57	1.8	80.9	17.6	42	0.47	0.093
1047388	Soil		2.4	342.3	129.2	93	4.7	21.2	19.3	625	4.49	3816	28.6	129.6	22.4	77	2.0	37.6	44.7	47	0.56	0.107
1047386	Soil		2.6	471.0	18.1	55	1.4	13.1	21.1	518	4.26	1543	22.0	28.7	26.5	80	0.4	50.1	9.1	45	0.39	0.116
1047390	Soil		1.6	117.1	45.0	54	0.7	11.8	12.8	671	3.16	1547	6.6	57.1	18.8	23	0.5	318.3	12.6	9	0.54	0.084
1047387	Soil		2.2	440.3	16.2	52	1.3	13.8	18.3	490	4.43	1498	20.8	29.6	27.4	83	0.3	41.1	9.6	47	0.41	0.126
1047391	Soil		1.6	112.6	10.1	64	0.5	20.6	9.2	372	2.73	345.2	6.5	6.0	12.1	38	0.2	10.7	2.3	54	0.38	0.091
1047392	Soil		1.4	179.0	16.2	61	1.6	18.4	7.1	555	3.32	275.6	4.6	7.4	8.8	30	0.7	45.3	5.5	44	0.42	0.119
1047393	Soil		0.9	43.3	7.0	48	0.1	15.9	5.8	149	2.05	58.9	1.5	4.7	2.8	13	0.1	1.3	0.6	42	0.19	0.060
1047394	Soil		1.0	17.7	11.9	44	<0.1	15.6	7.2	260	2.48	15.8	0.9	2.1	5.1	7	0.1	1.0	0.7	39	0.07	0.029
1047395	Soil		1.4	69.9	11.7	66	0.2	20.5	9.6	399	2.63	273.5	3.0	18.9	6.9	22	0.2	7.0	1.7	55	0.15	0.053
1047396	Soil		1.5	71.2	12.6	63	0.2	20.6	10.0	380	2.68	283.6	3.2	8.1	7.0	21	0.1	6.9	1.8	53	0.15	0.052
1047397	Soil		1.0	42.0	11.7	55	0.1	18.4	8.9	346	2.67	137.7	4.3	29.3	9.4	17	0.2	12.4	0.8	51	0.18	0.062
1047399	Soil		1.5	24.2	11.1	49	0.1	14.3	6.0	287	2.37	40.7	1.1	1.7	0.6	8	0.2	16.6	0.4	50	0.06	0.054
1047398	Soil		1.3	48.4	11.0	58	0.3	18.6	10.1	529	2.60	110.7	3.3	8.8	4.0	15	0.1	9.1	1.2	46	0.14	0.066
1047400	Soil		1.2	52.8	12.9	66	0.2	27.4	10.8	323	2.96	45.1	2.2	6.4	2.4	12	0.4	98.8	0.7	46	0.10	0.054
1047401	Soil		1.3	54.5	12.6	68	0.2	33.5	11.3	372	3.29	103.4	2.1	11.2	1.6	14	0.3	19.0	0.5	50	0.09	0.062
1047402	Soil		1.0	61.8	9.7	60	0.2	47.9	10.5	290	2.66	151.9	1.9	9.6	6.0	12	0.3	35.0	0.6	41	0.11	0.056
1047403	Soil		1.3	55.5	10.0	57	0.1	30.1	9.1	289	2.65	88.6	2.1	9.4	3.2	11	0.2	7.7	1.0	44	0.09	0.058
1047404	Soil		1.2	60.2	12.2	61	0.3	31.7	9.8	250	2.93	83.0	2.1	7.8	4.5	14	0.3	10.9	0.8	45	0.11	0.057
1047405	Soil		1.5	37.5	14.2	44	0.4	22.1	5.9	161	2.95	61.2	1.8	4.1	0.8	9	0.2	10.5	0.7	43	0.07	0.077
1047406	Soil		0.6	63.9	14.8	67	0.3	24.1	14.0	649	3.19	59.3	2.4	33.8	8.5	61	0.2	6.6	1.6	59	0.43	0.106
1047408	Soil		1.3	21.4	14.1	48	<0.1	18.7	8.9	245	2.88	21.2	0.8	3.4	4.8	8	0.2	2.0	0.3	52	0.06	0.025
1047407	Soil		1.3	21.4	13.8	48	<0.1	20.8	9.3	258	2.96	21.6	0.8	4.4	5.0	9	0.1	2.1	0.3	53	0.07	0.026
1047409	Soil		1.3	38.7	15.5	59	0.2	32.2	14.1	406	3.07	46.5	1.6	6.9	2.9	18	0.2	4.4	0.4	50	0.09	0.049
1047412	Soil		1.0	68.9	13.2	57	0.3	25.4	10.1	264	3.09	84.1	2.3	8.3	6.1	13	0.2	8.7	0.8	50	0.14	0.060
1047410	Soil		0.9	37.8	11.5	54	0.1	21.9	10.7	333	2.44	99.0	1.7	19.3	6.9	17	0.2	3.4	1.5	43	0.18	0.065
1047413	Soil		1.7	28.2	16.9	38	0.5	21.2	6.2	152	2.72	70.8	1.3	3.0	1.4	8	0.1	5.3	0.6	45	0.06	0.058
1047411	Soil		1.0	33.9	12.0	63	0.2	23.7	9.8	326	2.78	47.8	1.8	12.5	6.2	14	0.3	4.6	0.5	41	0.15	0.060
1047416	Soil		1.1	28.7	10.7	59	0.1	21.8	8.9	291	2.46	37.8	1.5	13.1	3.2	12	0.2	2.3	0.3	42	0.11	0.053

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000163.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1047385	Soil		39	29	0.55	310	0.049	1	1.45	0.005	0.14	1.8	0.02	5.0	0.4	0.16	5	<0.5	<0.2
1047389	Soil		64	32	0.75	407	0.026	1	2.09	0.006	0.14	5.1	0.03	5.2	0.3	<0.05	7	<0.5	0.5
1047388	Soil		61	34	0.75	227	0.044	2	1.86	0.005	0.18	2.4	0.04	6.1	0.4	<0.05	6	1.7	0.6
1047386	Soil		68	35	0.54	241	0.047	3	1.74	0.022	0.30	5.2	0.03	6.5	0.5	0.29	6	3.2	<0.2
1047390	Soil		35	6	0.06	134	<0.001	4	0.38	0.002	0.10	1.0	0.04	5.8	0.5	0.24	<1	0.6	0.2
1047387	Soil		69	35	0.50	232	0.049	<1	1.65	0.018	0.30	3.9	0.02	6.9	0.5	0.25	6	3.6	<0.2
1047391	Soil		29	38	0.62	206	0.080	3	1.59	0.007	0.14	1.7	0.04	4.5	0.3	<0.05	5	0.8	<0.2
1047392	Soil		23	29	0.40	183	0.044	2	1.20	0.005	0.07	1.4	0.03	4.5	0.2	<0.05	4	<0.5	<0.2
1047393	Soil		15	26	0.39	81	0.048	3	1.17	0.005	0.06	1.7	0.05	1.7	0.2	<0.05	4	<0.5	<0.2
1047394	Soil		12	24	0.31	64	0.048	<1	1.44	0.004	0.05	1.0	0.06	1.6	0.2	<0.05	4	0.5	<0.2
1047395	Soil		22	32	0.48	157	0.061	3	1.46	0.005	0.09	2.2	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1047396	Soil		21	32	0.49	153	0.060	1	1.46	0.005	0.09	2.2	0.03	2.7	0.2	<0.05	5	<0.5	<0.2
1047397	Soil		28	32	0.51	184	0.053	1	1.75	0.005	0.07	1.2	0.04	2.7	0.3	<0.05	5	<0.5	<0.2
1047399	Soil		14	26	0.25	70	0.024	1	1.30	0.008	0.07	0.5	0.06	0.9	0.2	<0.05	5	<0.5	<0.2
1047398	Soil		17	32	0.48	137	0.053	2	1.58	0.006	0.11	1.4	0.05	2.6	0.3	<0.05	5	<0.5	<0.2
1047400	Soil		20	29	0.37	142	0.034	1	1.44	0.005	0.08	0.7	0.04	2.2	0.2	<0.05	4	<0.5	<0.2
1047401	Soil		17	37	0.44	170	0.033	2	1.77	0.006	0.10	0.7	0.05	2.5	0.3	<0.05	6	0.7	<0.2
1047402	Soil		17	73	0.53	128	0.056	<1	1.42	0.005	0.16	0.9	0.04	2.9	0.3	<0.05	4	<0.5	<0.2
1047403	Soil		17	33	0.39	116	0.048	2	1.54	0.007	0.08	1.1	0.04	2.2	0.2	<0.05	5	<0.5	<0.2
1047404	Soil		20	36	0.41	183	0.042	2	1.43	0.005	0.09	0.7	0.05	2.5	0.3	<0.05	5	0.6	<0.2
1047405	Soil		13	22	0.17	117	0.013	2	1.38	0.005	0.07	0.5	0.08	1.4	0.3	<0.05	5	1.0	<0.2
1047406	Soil		27	52	0.96	282	0.089	2	2.64	0.007	0.39	1.4	0.03	6.3	0.5	<0.05	7	0.6	<0.2
1047408	Soil		14	26	0.32	87	0.035	<1	1.67	0.004	0.05	0.3	0.06	2.2	0.2	<0.05	5	0.6	<0.2
1047407	Soil		15	28	0.33	93	0.042	3	1.65	0.004	0.05	0.4	0.04	2.2	0.2	<0.05	5	<0.5	<0.2
1047409	Soil		19	32	0.46	175	0.039	<1	1.78	0.005	0.11	0.5	0.05	2.4	0.2	<0.05	5	<0.5	<0.2
1047412	Soil		19	26	0.50	256	0.050	2	1.61	0.005	0.16	1.3	0.03	4.9	0.3	<0.05	5	<0.5	<0.2
1047410	Soil		20	27	0.40	147	0.044	<1	1.26	0.005	0.09	0.7	0.04	2.7	0.2	<0.05	4	<0.5	<0.2
1047413	Soil		14	26	0.22	138	0.019	2	1.54	0.005	0.09	0.6	0.07	1.6	0.2	<0.05	6	<0.5	<0.2
1047411	Soil		22	28	0.40	158	0.046	2	1.25	0.006	0.11	0.7	0.05	3.2	0.2	<0.05	4	<0.5	<0.2
1047416	Soil		18	26	0.34	122	0.041	<1	1.28	0.005	0.08	0.6	0.04	2.4	0.2	<0.05	4	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000163.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1047414	Soil		1.0	39.2	11.2	57	0.2	27.4	10.1	293	2.80	50.2	1.4	7.2	5.6	14	0.3	4.3	0.4	42	0.14	0.058
1047415	Soil		1.3	37.3	11.9	53	0.2	24.9	9.2	279	2.56	43.8	1.6	4.7	4.1	15	0.3	3.3	0.5	43	0.13	0.059
1047417	Soil		1.2	26.5	11.4	51	0.2	18.7	7.6	301	2.53	52.0	1.6	3.6	1.2	12	0.1	2.1	0.5	41	0.09	0.054
1078903	Soil		1.0	22.7	10.4	61	0.1	20.5	8.7	288	2.69	16.4	1.0	6.6	3.4	12	0.1	1.0	0.3	42	0.10	0.052
1078902	Soil		1.0	27.1	8.9	64	0.2	30.3	9.4	307	2.86	16.5	1.3	6.2	3.7	18	0.2	1.0	0.5	51	0.13	0.062
1043449	Soil		0.8	26.4	8.9	64	0.2	27.4	9.8	290	2.63	17.9	1.1	8.0	5.7	12	0.2	1.4	1.2	43	0.11	0.049
1078901	Soil		0.9	34.9	8.6	67	0.2	28.1	10.0	334	2.72	40.8	1.2	12.7	6.2	16	0.3	1.5	0.9	47	0.14	0.053
1043450	Soil		0.9	26.6	7.9	64	0.2	27.7	9.6	315	2.67	19.2	1.1	5.9	5.0	14	0.3	1.6	1.2	43	0.12	0.052
1043437	Soil		1.5	47.9	8.5	74	0.2	22.7	7.9	243	2.43	66.8	1.6	13.3	4.7	19	0.4	2.5	0.8	51	0.23	0.081
1043438	Soil		2.7	31.3	10.3	84	0.2	19.1	8.5	313	2.37	56.9	1.9	6.0	1.2	19	0.3	1.4	0.5	65	0.21	0.074
1043439	Soil		1.4	36.7	9.4	82	0.1	24.4	9.2	458	2.24	340.4	5.0	12.7	3.0	30	0.2	2.1	0.8	54	0.44	0.083
1043441	Soil		1.3	19.2	10.1	60	0.2	17.1	7.5	237	2.15	137.9	5.8	5.2	3.2	28	0.2	2.6	0.8	39	0.49	0.067
1043440	Soil		1.0	28.0	8.8	62	0.2	18.0	9.4	363	1.99	233.1	9.3	3.0	2.6	32	0.2	1.8	0.4	36	0.54	0.065
1043442	Soil		1.7	38.6	13.3	51	0.8	27.1	16.3	1431	2.11	156.0	5.4	8.6	0.9	39	0.3	1.3	0.7	35	0.52	0.126
1043443	Soil		0.8	19.3	8.0	56	0.1	18.9	6.4	233	2.22	29.7	1.0	13.9	2.9	14	0.2	0.9	0.4	41	0.21	0.077
1043444	Soil		0.9	19.9	9.4	62	0.2	21.3	8.5	313	2.29	35.3	0.9	14.8	3.0	16	0.2	1.1	0.5	39	0.19	0.068
1043445	Soil		1.1	19.8	9.5	58	0.3	20.7	8.5	358	2.24	31.7	1.1	28.2	1.5	15	0.2	1.0	0.6	41	0.15	0.069
1043446	Soil		0.9	20.2	9.5	64	0.1	21.2	11.3	399	2.51	23.0	0.9	7.2	3.5	14	0.2	1.0	0.6	39	0.17	0.069
1043448	Soil		1.1	28.2	9.7	83	0.4	30.0	13.9	516	2.84	29.6	1.2	5.3	3.1	20	0.3	1.2	1.4	48	0.19	0.068
1043447	Soil		1.1	24.2	9.6	77	0.4	25.2	12.3	456	2.66	27.0	1.2	18.7	2.8	18	0.3	1.0	1.0	45	0.17	0.069
1078703	Soil		0.8	53.2	11.0	50	0.1	26.6	12.4	198	3.51	77.9	1.3	<0.5	6.7	20	0.2	171.2	0.3	35	0.13	0.053
1078704	Soil		0.9	66.8	9.4	77	0.1	88.6	22.7	329	3.74	158.2	1.4	8.4	5.8	16	0.2	19.5	0.5	54	0.08	0.043
1078702	Soil		7.8	30.2	19.0	35	0.2	50.1	4.2	141	2.10	53.6	1.3	<0.5	1.0	11	0.1	15.0	0.3	24	0.07	0.097
1078705	Soil		1.4	78.4	17.3	88	0.4	56.9	25.5	645	4.15	310.4	2.4	8.3	5.9	16	0.4	28.8	1.0	54	0.11	0.089
1078708	Soil		1.1	26.7	11.1	53	0.1	16.5	6.5	225	2.75	48.8	0.8	5.5	2.8	7	0.2	6.3	0.5	41	0.05	0.034
1078707	Soil		1.4	80.7	12.7	73	0.3	38.6	22.6	424	3.59	205.1	2.3	17.3	6.9	16	0.5	8.8	0.7	41	0.11	0.071
1078711	Soil		1.6	46.5	21.3	43	0.4	20.8	6.6	133	3.14	58.6	1.3	2.5	1.5	9	0.3	11.1	0.5	34	0.05	0.072
1078709	Soil		1.3	34.9	15.5	45	0.1	17.1	5.1	196	2.67	79.9	1.3	10.3	1.8	8	0.1	8.8	0.6	34	0.05	0.053
1078706	Soil		1.4	46.3	13.5	73	0.2	30.1	11.6	340	3.06	238.1	1.3	24.6	3.0	13	0.3	26.1	0.8	41	0.09	0.057
1078710	Soil		1.4	36.8	13.9	64	0.1	22.1	9.6	284	3.15	37.6	1.0	1.5	2.9	8	0.3	5.7	0.3	44	0.05	0.039

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000163.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1047414	Soil	17	26	0.39	146	0.044	<1	1.20	0.005	0.10	0.4	0.04	2.6	0.2	<0.05	4	0.8	<0.2
1047415	Soil	18	26	0.34	140	0.042	<1	1.27	0.005	0.10	0.5	0.04	2.4	0.2	<0.05	4	<0.5	<0.2
1047417	Soil	15	25	0.37	128	0.027	<1	1.44	0.005	0.07	0.4	0.04	1.6	0.2	<0.05	5	<0.5	<0.2
1078903	Soil	15	28	0.43	146	0.045	<1	1.53	0.005	0.10	0.5	0.04	2.5	0.2	<0.05	5	<0.5	<0.2
1078902	Soil	16	37	0.56	272	0.067	<1	2.09	0.006	0.18	0.4	0.08	3.4	0.3	<0.05	6	<0.5	<0.2
1043449	Soil	16	33	0.53	290	0.066	<1	1.97	0.005	0.19	0.4	0.03	3.5	0.3	<0.05	6	<0.5	<0.2
1078901	Soil	15	34	0.53	252	0.073	1	1.96	0.006	0.21	0.3	0.02	3.8	0.3	0.07	6	<0.5	<0.2
1043450	Soil	16	34	0.54	294	0.064	<1	1.97	0.005	0.19	0.3	0.04	3.6	0.3	<0.05	6	<0.5	<0.2
1043437	Soil	17	29	0.65	210	0.059	1	1.51	0.006	0.11	1.2	0.01	2.6	0.2	<0.05	5	<0.5	<0.2
1043438	Soil	12	31	0.68	149	0.051	1	1.67	0.007	0.09	0.5	0.04	2.1	0.1	0.06	6	0.6	<0.2
1043439	Soil	18	33	0.64	220	0.045	1	1.75	0.012	0.09	0.9	0.02	2.6	0.2	<0.05	5	<0.5	<0.2
1043441	Soil	20	31	0.46	159	0.044	1	1.36	0.006	0.08	1.1	0.05	2.4	0.2	<0.05	5	<0.5	<0.2
1043440	Soil	19	25	0.46	180	0.029	1	1.42	0.012	0.04	1.2	0.05	2.2	0.1	<0.05	4	<0.5	<0.2
1043442	Soil	15	50	0.26	311	0.015	1	1.65	0.007	0.06	0.9	0.10	1.9	0.3	0.05	5	1.0	<0.2
1043443	Soil	15	27	0.34	130	0.040	<1	1.04	0.004	0.05	0.8	0.04	2.0	0.1	<0.05	4	<0.5	<0.2
1043444	Soil	13	32	0.41	142	0.047	<1	1.20	0.005	0.08	0.4	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1043445	Soil	13	35	0.43	170	0.040	<1	1.43	0.005	0.07	0.4	0.03	2.2	0.2	<0.05	5	<0.5	<0.2
1043446	Soil	14	28	0.43	132	0.048	<1	1.35	0.004	0.08	0.5	0.05	2.3	0.2	<0.05	4	<0.5	<0.2
1043448	Soil	15	37	0.55	268	0.061	<1	2.01	0.007	0.14	0.4	0.05	3.7	0.2	<0.05	7	0.6	<0.2
1043447	Soil	14	35	0.50	212	0.052	<1	1.79	0.006	0.12	0.4	0.05	3.1	0.2	<0.05	6	<0.5	<0.2
1078703	Soil	15	33	0.43	147	0.055	<1	1.50	0.006	0.21	0.6	0.02	2.9	0.3	<0.05	4	<0.5	<0.2
1078704	Soil	18	189	0.87	165	0.091	1	2.06	0.007	0.20	0.8	0.02	3.8	0.3	<0.05	6	<0.5	<0.2
1078702	Soil	15	83	0.20	91	0.030	<1	1.09	0.009	0.17	0.3	0.07	1.1	0.2	<0.05	4	<0.5	<0.2
1078705	Soil	19	83	0.58	209	0.064	2	1.88	0.008	0.20	0.7	0.06	4.1	0.5	<0.05	6	0.5	<0.2
1078708	Soil	14	23	0.23	91	0.031	1	1.21	0.004	0.06	0.5	0.05	1.6	0.2	<0.05	4	<0.5	<0.2
1078707	Soil	20	32	0.40	149	0.050	<1	1.56	0.009	0.12	0.7	0.06	2.9	0.3	<0.05	5	<0.5	<0.2
1078711	Soil	17	25	0.14	74	0.026	1	0.90	0.005	0.09	0.4	0.08	1.3	0.3	<0.05	4	<0.5	<0.2
1078709	Soil	17	24	0.16	80	0.024	<1	1.03	0.005	0.09	0.4	0.08	1.3	0.2	<0.05	4	<0.5	<0.2
1078706	Soil	18	44	0.32	105	0.034	<1	1.47	0.007	0.08	0.5	0.07	2.0	0.2	<0.05	4	<0.5	<0.2
1078710	Soil	16	27	0.29	88	0.029	<1	1.44	0.005	0.07	0.3	0.05	1.9	0.3	<0.05	5	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000163.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078712	Soil		1.3	71.8	32.0	86	0.3	43.9	19.3	593	4.17	79.3	2.7	7.2	6.9	15	0.7	17.6	1.3	39	0.13	0.069
1078701	Soil		1.1	82.7	9.3	55	0.1	31.4	14.5	301	4.06	87.9	2.5	11.1	7.4	17	0.3	50.5	0.2	44	0.09	0.051
1078718	Soil		1.1	98.2	11.8	59	0.3	21.9	11.6	319	3.03	198.6	4.6	35.3	9.8	32	0.3	15.4	5.1	46	0.25	0.075
1078720	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1078722	Soil		1.0	54.2	10.5	62	0.2	24.1	10.8	337	3.05	227.9	2.7	11.6	6.8	20	0.2	15.7	0.8	47	0.19	0.073
1078723	Soil		1.2	60.8	10.5	66	0.2	27.8	12.2	362	3.27	235.1	2.4	11.0	6.8	21	0.3	17.3	0.7	45	0.18	0.067
1078719	Soil		1.2	100.7	11.7	65	0.4	25.1	16.4	448	3.24	319.6	3.7	54.5	10.4	39	0.3	26.8	5.1	49	0.24	0.086
1078724	Soil		1.0	52.0	11.2	59	<0.1	40.4	14.0	436	3.17	148.3	1.7	20.1	5.0	9	0.1	23.8	0.3	34	0.07	0.042
1078721	Soil		1.3	121.8	10.9	68	0.2	24.7	12.3	295	3.46	378.4	2.9	16.3	6.5	20	0.3	21.1	3.9	50	0.16	0.074
1078713	Soil		1.1	91.1	13.9	51	0.1	22.0	13.8	383	2.91	238.2	3.8	55.7	7.8	31	0.1	20.3	5.2	33	0.16	0.067
1078714	Soil		1.1	142.5	11.7	49	0.4	25.5	10.3	235	3.18	559.9	3.8	59.7	10.0	27	0.2	36.9	7.6	39	0.15	0.060
1078717	Soil		1.1	166.2	13.9	56	0.5	25.5	16.2	353	3.44	531.7	5.0	56.8	11.7	28	0.4	27.7	8.4	49	0.28	0.094
1078715	Soil		1.1	132.5	10.8	48	0.4	24.4	11.6	268	3.21	490.5	4.0	31.7	8.8	25	0.3	52.6	6.0	44	0.14	0.060
1078716	Soil		0.9	140.3	10.4	45	0.5	20.1	10.9	234	3.01	664.9	4.1	59.6	9.8	32	0.2	38.8	9.0	39	0.21	0.065
1078634	Soil		0.6	56.6	21.3	56	0.6	29.3	14.3	602	2.96	136.4	2.9	4.9	7.6	16	0.3	7.2	2.3	43	0.20	0.072
1078632	Soil		1.4	35.1	17.0	59	0.2	19.4	9.3	471	2.78	69.3	1.3	3.0	3.2	8	0.2	7.8	0.5	39	0.04	0.058
1078633	Soil		1.0	41.9	17.2	63	0.2	35.5	12.5	238	3.51	83.7	1.3	9.7	5.9	9	0.3	8.3	0.7	43	0.07	0.035
1078635	Soil		0.8	35.2	11.4	49	0.2	29.2	9.3	273	2.69	96.1	1.1	5.4	3.3	7	0.2	6.0	0.5	37	0.06	0.044
1078636	Soil		0.9	28.8	10.1	42	0.1	18.3	6.5	163	2.47	98.1	1.2	4.6	3.7	10	0.2	3.5	0.8	38	0.09	0.043
1078637	Soil		0.9	29.4	10.1	49	0.1	20.2	7.2	198	2.53	102.9	1.1	10.6	2.1	10	0.2	4.2	0.7	39	0.08	0.049
1078638	Soil		1.0	33.6	9.8	60	0.2	24.8	8.9	259	2.76	92.6	1.3	7.2	4.2	16	0.3	1.9	0.7	43	0.11	0.054
1078639	Soil		1.0	32.0	11.1	53	0.1	23.5	8.6	268	2.87	88.2	1.5	5.8	3.6	14	0.2	1.8	0.8	45	0.09	0.052
1078640	Soil		1.2	20.6	12.4	38	0.3	14.7	4.4	143	1.95	58.8	1.0	<0.5	0.5	9	0.1	2.3	0.5	36	0.05	0.059
1155539	Soil		0.9	27.6	9.1	70	0.3	33.4	8.5	251	2.73	20.5	1.7	5.4	3.1	23	0.2	1.3	0.7	53	0.14	0.066
1155540	Soil		0.7	21.0	9.0	63	0.2	22.6	11.8	433	2.37	13.1	1.0	10.7	4.5	14	0.2	1.2	0.3	39	0.13	0.058
1155538	Soil		0.8	24.1	9.9	61	0.2	24.6	8.7	271	2.29	18.8	1.4	5.8	4.2	21	0.2	1.4	0.4	35	0.16	0.058
1155537	Soil		1.1	23.1	11.4	69	0.2	24.5	11.5	536	2.70	16.6	1.4	1.4	2.3	25	0.3	1.0	0.3	49	0.18	0.067
1155541	Soil		0.9	20.3	9.4	60	0.2	19.9	7.6	269	2.36	12.8	1.2	1.8	1.6	14	0.1	0.9	0.4	42	0.11	0.064
1155542	Soil		1.3	14.7	8.6	47	0.3	17.3	5.1	183	2.05	16.1	1.3	1.5	0.6	12	<0.1	1.1	0.3	40	0.09	0.056
1155543	Soil		0.8	10.8	8.1	29	0.2	10.5	3.0	132	1.21	11.5	1.1	1.3	0.3	12	0.1	1.0	0.2	29	0.08	0.050

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078712	Soil	24	32	0.43	185	0.038	<1	1.45	0.006	0.15	0.6	0.05	4.2	0.3	<0.05	5	<0.5	<0.2
1078701	Soil	18	33	0.43	154	0.042	<1	1.33	0.008	0.11	1.2	0.06	2.7	0.2	<0.05	5	1.2	<0.2
1078718	Soil	27	36	0.54	152	0.074	1	1.32	0.012	0.19	3.3	0.04	3.5	0.4	<0.05	5	1.1	<0.2
1078720	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1078722	Soil	18	35	0.52	199	0.069	<1	1.62	0.009	0.22	1.2	0.04	3.7	0.3	<0.05	5	0.7	<0.2
1078723	Soil	19	39	0.50	195	0.070	<1	1.61	0.009	0.21	1.1	0.02	3.8	0.4	<0.05	5	<0.5	<0.2
1078719	Soil	30	44	0.60	199	0.085	<1	1.66	0.008	0.21	2.2	0.02	4.4	0.4	<0.05	6	0.5	0.2
1078724	Soil	18	36	0.56	195	0.049	<1	1.87	0.006	0.15	2.9	0.03	2.5	0.3	<0.05	6	<0.5	<0.2
1078721	Soil	21	46	0.55	185	0.071	<1	1.70	0.008	0.15	3.8	0.03	3.9	0.4	<0.05	6	1.1	0.2
1078713	Soil	26	36	0.64	169	0.055	<1	2.02	0.009	0.26	2.0	<0.01	3.3	0.4	<0.05	6	1.0	<0.2
1078714	Soil	27	40	0.56	166	0.067	<1	1.67	0.009	0.26	4.0	0.02	3.7	0.5	<0.05	6	1.1	<0.2
1078717	Soil	30	41	0.65	159	0.090	<1	1.72	0.010	0.27	2.9	0.03	5.0	0.5	<0.05	6	1.1	<0.2
1078715	Soil	24	36	0.54	147	0.058	4	1.53	0.010	0.27	3.6	<0.01	3.6	0.5	<0.05	6	0.8	0.2
1078716	Soil	26	31	0.49	145	0.057	3	1.34	0.009	0.23	4.8	<0.01	3.5	0.3	<0.05	5	1.2	0.3
1078634	Soil	23	18	0.47	428	0.080	2	1.92	0.005	0.26	0.5	0.04	4.2	0.3	<0.05	6	<0.5	<0.2
1078632	Soil	17	28	0.29	87	0.030	3	1.22	0.006	0.14	0.3	0.03	1.8	0.3	<0.05	5	<0.5	<0.2
1078633	Soil	17	27	0.35	133	0.034	2	1.63	0.005	0.10	0.5	0.07	2.9	0.3	<0.05	4	0.6	<0.2
1078635	Soil	14	22	0.32	117	0.047	2	1.43	0.005	0.14	0.4	0.05	1.8	0.3	<0.05	5	<0.5	<0.2
1078636	Soil	15	20	0.28	97	0.047	2	1.04	0.008	0.09	0.7	0.02	2.0	0.2	<0.05	4	<0.5	<0.2
1078637	Soil	16	22	0.30	92	0.032	2	1.23	0.005	0.08	0.7	0.03	1.6	0.2	<0.05	4	<0.5	<0.2
1078638	Soil	18	26	0.38	177	0.046	2	1.31	0.006	0.13	0.6	0.03	2.3	0.2	<0.05	4	<0.5	<0.2
1078639	Soil	19	26	0.42	222	0.046	2	1.54	0.009	0.15	0.7	0.03	2.6	0.3	<0.05	5	<0.5	<0.2
1078640	Soil	11	22	0.23	80	0.020	2	1.11	0.006	0.08	0.3	0.03	0.9	0.2	0.05	4	0.5	<0.2
1155539	Soil	15	32	0.50	230	0.059	2	1.85	0.008	0.15	0.5	0.05	3.2	0.2	0.07	6	<0.5	<0.2
1155540	Soil	14	24	0.36	117	0.045	2	1.23	0.005	0.10	0.7	0.04	2.1	0.1	<0.05	4	<0.5	<0.2
1155538	Soil	13	23	0.36	161	0.043	2	1.35	0.006	0.11	0.4	0.02	2.5	0.2	<0.05	4	<0.5	<0.2
1155537	Soil	15	32	0.52	261	0.046	2	1.85	0.008	0.11	0.3	0.04	2.9	0.2	0.05	6	<0.5	<0.2
1155541	Soil	13	25	0.35	175	0.033	2	1.40	0.007	0.07	0.4	0.03	2.0	0.2	<0.05	5	<0.5	<0.2
1155542	Soil	10	26	0.36	138	0.026	3	1.40	0.011	0.06	0.3	0.04	1.4	0.2	0.06	5	<0.5	<0.2
1155543	Soil	13	16	0.18	151	0.024	<1	0.93	0.006	0.04	0.3	<0.01	1.6	0.1	0.06	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000163.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1155544	Soil	0.7	15.4	6.7	58	0.1	17.6	6.8	263	1.96	14.6	1.2	116.9	4.0	16	0.2	1.1	0.2	33	0.18	0.065
1155545	Soil	1.4	17.5	10.9	66	0.2	21.1	7.3	356	2.58	29.4	1.8	<0.5	1.1	21	0.1	1.5	0.3	49	0.17	0.058
1155546	Soil	1.1	14.2	10.3	56	0.2	17.7	8.1	486	2.33	22.8	1.4	<0.5	1.0	16	0.2	1.1	0.3	42	0.13	0.059
1155547	Soil	4.2	63.8	17.7	56	0.7	19.8	16.6	1955	2.80	179.3	14.6	3.9	2.2	31	0.2	2.7	0.9	52	0.38	0.113
1155548	Soil	2.0	13.6	11.4	30	0.6	7.4	6.5	489	1.59	124.4	3.2	<0.5	0.2	9	0.3	1.0	0.5	37	0.06	0.109
1155550	Soil	1.4	31.2	10.3	62	0.3	15.7	6.8	381	2.27	356.2	19.1	5.9	2.8	46	0.2	3.7	0.6	39	0.73	0.075
1095301	Soil	1.4	27.2	10.5	56	0.2	14.4	9.2	838	1.98	259.9	6.2	9.4	1.6	32	0.2	1.9	0.8	36	0.45	0.084
1095302	Soil	1.7	41.5	10.0	66	0.2	15.6	7.9	474	2.29	477.7	5.0	20.1	2.3	30	0.3	3.4	2.0	44	0.38	0.063
1155549	Soil	2.0	14.3	9.7	38	0.3	10.0	5.6	443	1.71	162.0	2.0	0.8	0.3	11	0.2	1.1	0.5	37	0.10	0.077
1078884	Soil	0.8	52.4	18.9	67	0.2	33.1	15.8	405	3.73	213.1	3.0	1.2	10.8	22	0.2	8.4	2.8	50	0.23	0.071
1078885	Soil	1.2	70.0	21.1	41	0.5	15.6	5.2	133	2.79	252.1	3.8	24.8	1.4	12	0.2	16.9	5.7	28	0.05	0.074
1078890	Soil	2.1	108.2	15.3	76	0.2	56.2	32.6	620	5.31	260.9	2.5	5.2	10.6	35	0.1	20.7	0.9	34	0.09	0.059
1078894	Soil	1.2	143.5	16.8	62	0.4	47.8	25.8	438	6.09	1860	4.3	17.5	13.7	39	0.2	25.2	3.5	40	0.06	0.094
1078892	Soil	1.2	56.2	14.4	65	0.1	40.3	23.4	497	3.94	160.9	1.8	17.4	6.5	26	0.2	42.4	1.8	42	0.07	0.051
1078895	Soil	2.0	133.6	31.7	98	0.5	78.1	52.5	950	6.99	441.7	3.8	11.6	12.9	42	0.6	19.9	2.6	44	0.06	0.088
1078888	Soil	0.9	443.1	21.7	51	0.5	23.9	38.3	727	3.76	356.7	12.2	44.9	17.6	34	0.4	6.0	16.0	32	0.19	0.088
1078891	Soil	1.4	80.3	17.7	77	0.2	58.8	32.6	580	5.05	123.7	2.4	8.7	10.5	34	0.1	7.6	2.1	34	0.08	0.076
1078893	Soil	1.5	125.4	15.8	65	0.2	48.8	25.9	498	5.53	880.4	2.6	21.3	8.7	36	0.1	124.2	2.7	43	0.06	0.067
1078887	Soil	0.7	54.6	20.4	68	0.1	34.5	19.8	628	2.65	264.7	2.2	12.1	8.5	19	0.4	12.9	2.1	28	0.16	0.056
1078886	Soil	1.5	79.2	18.7	67	0.2	36.5	20.1	504	3.86	108.7	3.0	10.7	8.7	17	0.4	18.6	2.4	36	0.09	0.079
1078889	Soil	1.8	99.6	20.4	120	0.3	63.2	37.9	789	7.15	35.4	4.1	6.1	7.4	34	0.1	18.6	0.6	45	0.05	0.113
1043390	Soil	0.9	69.8	21.5	94	0.1	61.4	25.9	630	4.87	57.9	3.8	20.1	11.8	28	0.2	39.8	0.8	24	0.12	0.065
1043393	Soil	1.3	79.4	16.5	93	<0.1	50.5	30.7	598	3.82	45.0	2.1	22.2	6.5	12	0.2	6.2	0.4	35	0.09	0.066
1078900	Soil	1.2	162.0	21.1	44	1.2	24.6	4.9	153	7.27	1517	2.9	31.4	16.6	27	0.1	22.1	10.1	38	0.01	0.077
1078899	Soil	2.5	137.0	23.3	64	0.4	18.8	7.0	219	8.90	1633	3.2	25.0	19.7	29	<0.1	25.7	3.2	52	0.02	0.088
1043389	Soil	1.2	49.8	22.3	94	0.1	41.5	28.3	779	4.01	44.1	2.7	10.2	4.2	13	0.2	3.8	0.5	46	0.10	0.078
1043388	Soil	3.9	158.5	52.6	90	0.9	40.6	30.5	600	8.66	2330	3.2	19.2	10.5	56	0.6	24.1	3.9	46	0.05	0.077
1043391	Soil	1.3	77.3	21.9	56	0.4	23.9	13.0	308	4.40	552.3	2.1	24.4	6.4	11	0.3	10.1	1.5	39	0.04	0.063
1078897	Soil	1.0	27.9	18.5	43	0.3	16.2	6.1	222	2.13	66.7	1.9	2.2	0.5	9	0.3	5.2	1.0	23	0.05	0.163
1043394	Soil	1.2	35.0	10.9	46	0.1	16.9	5.3	184	3.23	42.0	1.0	2.6	2.3	9	0.1	1.4	0.5	45	0.05	0.041

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1155544	Soil	14	21	0.34	106	0.038	1	0.99	0.008	0.06	0.6	0.04	1.7	0.1	<0.05	3	<0.5	<0.2
1155545	Soil	13	37	0.50	228	0.036	2	1.76	0.008	0.06	0.4	0.02	2.1	0.2	0.05	5	<0.5	<0.2
1155546	Soil	11	26	0.40	171	0.028	<1	1.54	0.006	0.05	0.3	0.04	1.8	0.2	<0.05	5	<0.5	<0.2
1155547	Soil	42	27	0.36	360	0.028	3	1.81	0.009	0.05	0.6	0.11	2.5	0.7	0.09	5	1.2	<0.2
1155548	Soil	13	15	0.16	97	0.011	2	1.03	0.006	0.04	0.4	0.06	0.5	0.2	0.12	4	<0.5	<0.2
1155550	Soil	39	27	0.52	186	0.040	2	1.41	0.009	0.07	0.7	0.04	2.6	0.2	0.07	5	<0.5	<0.2
1095301	Soil	18	22	0.40	191	0.024	2	1.48	0.008	0.04	0.5	0.04	1.7	0.2	0.07	5	<0.5	<0.2
1095302	Soil	17	26	0.48	156	0.039	2	1.47	0.012	0.06	0.5	0.03	2.3	0.2	<0.05	5	<0.5	<0.2
1155549	Soil	8	19	0.24	82	0.024	2	0.98	0.008	0.05	0.4	0.05	0.8	0.2	0.08	4	0.7	<0.2
1078884	Soil	28	49	0.67	215	0.054	2	1.74	0.005	0.18	0.6	0.01	4.4	0.3	<0.05	6	<0.5	<0.2
1078885	Soil	22	16	0.19	94	0.013	3	1.25	0.005	0.06	1.1	0.05	1.3	0.3	0.06	4	<0.5	<0.2
1078890	Soil	19	28	0.61	134	0.049	1	1.81	0.019	0.48	0.7	0.02	3.4	0.5	0.20	5	0.6	<0.2
1078894	Soil	19	36	0.59	131	0.055	2	1.79	0.022	0.40	0.6	0.02	3.6	0.5	0.29	5	1.3	<0.2
1078892	Soil	18	26	0.53	106	0.052	2	1.71	0.015	0.23	0.6	0.02	2.3	0.3	0.16	5	0.6	<0.2
1078895	Soil	21	59	0.62	121	0.054	2	1.95	0.025	0.35	0.6	0.03	3.5	0.5	0.22	5	0.6	<0.2
1078888	Soil	97	23	0.52	121	0.008	2	2.78	0.005	0.11	1.6	<0.01	6.6	0.3	<0.05	6	0.8	0.3
1078891	Soil	17	24	0.49	126	0.044	2	1.57	0.023	0.32	0.5	0.03	2.2	0.4	0.29	4	0.5	<0.2
1078893	Soil	20	35	0.57	140	0.048	2	1.85	0.023	0.41	0.5	0.03	3.2	0.5	0.37	5	<0.5	<0.2
1078887	Soil	22	23	0.41	185	0.028	<1	1.26	0.005	0.13	1.4	0.02	2.4	0.2	<0.05	4	<0.5	<0.2
1078886	Soil	26	25	0.39	132	0.032	1	1.29	0.006	0.17	1.7	0.05	2.8	0.4	<0.05	4	0.7	<0.2
1078889	Soil	23	33	0.56	178	0.049	2	2.69	0.024	0.41	0.2	0.06	3.4	0.5	0.25	8	0.9	<0.2
1043390	Soil	22	15	0.25	115	0.008	<1	0.73	0.005	0.12	0.2	0.04	4.3	0.5	<0.05	2	<0.5	<0.2
1043393	Soil	17	23	0.37	83	0.035	1	1.42	0.006	0.09	0.3	0.03	2.5	0.2	<0.05	4	0.5	<0.2
1078900	Soil	17	69	0.56	225	0.066	2	1.67	0.040	0.58	0.4	0.03	4.5	0.9	0.50	5	1.7	0.2
1078899	Soil	17	82	0.68	138	0.072	3	1.99	0.032	0.61	3.7	0.01	5.5	0.8	0.48	7	1.9	<0.2
1043389	Soil	19	31	0.46	119	0.047	2	1.94	0.007	0.14	0.4	0.09	2.4	0.2	0.05	6	0.6	<0.2
1043388	Soil	13	39	0.67	173	0.068	1	2.06	0.043	0.50	0.3	0.02	4.8	0.6	0.33	6	2.9	<0.2
1043391	Soil	17	28	0.40	111	0.044	1	1.64	0.011	0.21	0.2	0.05	2.3	0.4	0.14	5	1.0	<0.2
1078897	Soil	12	18	0.13	86	0.006	3	1.00	0.008	0.08	0.1	0.13	0.6	0.4	0.20	3	1.0	<0.2
1043394	Soil	14	21	0.29	67	0.044	<1	1.26	0.006	0.10	0.3	0.06	1.6	0.3	<0.05	5	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1043392	Soil	1.1	106.0	15.2	94	0.2	56.9	39.5	495	4.57	27.4	2.0	22.6	7.6	17	0.2	8.3	0.6	38	0.07	0.055
1078898	Soil	1.5	172.6	21.8	83	0.7	83.9	47.1	794	6.63	1372	4.0	27.6	12.4	50	0.4	22.8	6.7	53	0.09	0.108
1078896	Soil	2.4	150.1	15.6	81	0.3	56.3	27.7	461	8.57	1142	3.9	14.3	14.8	62	0.1	18.2	1.6	55	0.05	0.096
1043397	Soil	1.4	27.8	12.2	67	<0.1	21.9	8.9	383	3.12	41.4	1.2	11.7	3.0	12	0.2	1.1	0.7	56	0.07	0.052
1043396	Soil	1.6	25.4	16.8	76	<0.1	24.5	8.5	394	3.26	22.7	1.1	9.0	3.8	12	0.2	1.0	0.5	55	0.06	0.042
1043398	Soil	1.0	21.2	10.4	62	<0.1	22.4	9.6	324	2.69	20.2	0.9	8.1	3.9	11	0.2	0.7	0.4	42	0.07	0.033
1043395	Soil	1.1	30.5	9.9	62	<0.1	24.4	11.6	357	2.56	61.1	1.1	3.3	4.1	16	0.2	1.9	0.4	41	0.11	0.040
1078644	Soil	0.9	26.2	11.9	59	<0.1	23.9	10.2	325	2.67	35.0	1.1	5.0	3.2	17	0.2	1.1	0.7	36	0.10	0.051
1078646	Soil	0.8	24.2	15.5	65	<0.1	27.4	13.1	373	2.59	14.7	1.0	10.2	4.1	19	0.2	0.8	0.4	39	0.11	0.050
1043400	Soil	1.2	34.7	10.8	66	<0.1	30.7	14.1	326	2.82	26.1	1.6	3.9	6.5	24	0.2	0.8	0.9	44	0.13	0.049
1078645	Soil	1.0	25.7	10.3	57	<0.1	27.9	9.2	264	2.84	24.9	1.3	3.2	1.8	18	0.2	1.0	0.6	39	0.09	0.054
1043399	Soil	0.8	21.4	10.3	61	<0.1	22.1	10.1	325	2.71	19.7	0.9	7.4	4.0	11	0.3	0.8	0.4	42	0.07	0.033
1078968	Soil	2.0	14.9	11.2	56	<0.1	18.9	8.9	316	2.24	71.6	1.4	9.4	8.7	17	0.3	1.7	0.7	42	0.19	0.057
1078969	Soil	3.0	12.7	12.2	50	0.2	13.0	5.7	219	2.25	66.8	1.6	2.7	5.5	16	0.3	1.8	0.9	48	0.14	0.049
1078971	Soil	1.1	14.3	9.0	52	0.2	14.3	6.2	247	1.86	129.1	2.5	88.7	7.0	29	0.2	2.1	1.1	34	0.21	0.063
1078967	Soil	2.7	18.7	12.5	57	0.3	15.4	8.1	381	2.16	113.3	3.9	13.3	5.3	25	0.2	9.8	1.5	44	0.26	0.074
1078972	Soil	4.4	20.8	12.9	62	0.3	16.4	8.5	414	2.36	111.7	5.3	10.7	5.0	21	0.2	2.9	0.9	44	0.22	0.071
1078973	Soil	1.7	16.2	9.6	48	0.1	13.5	6.4	270	1.96	79.5	2.8	2.6	5.5	19	0.2	6.7	1.0	40	0.20	0.064
1078970	Soil	2.1	15.9	10.9	54	0.2	13.7	7.1	386	1.99	68.8	2.6	4.9	5.9	27	0.3	2.2	1.0	39	0.26	0.065
1078974	Soil	1.3	23.5	14.3	68	0.1	21.7	9.0	428	2.54	42.8	4.3	1.0	12.4	29	0.4	3.0	0.5	47	0.36	0.090
1058728	Soil	1.4	24.2	9.5	55	<0.1	14.8	6.8	303	2.15	154.7	2.8	1.9	2.8	18	0.1	3.0	0.8	44	0.19	0.057
1058729	Soil	1.9	26.6	11.3	64	0.2	16.0	8.1	424	2.27	252.8	5.5	2.4	2.2	25	0.1	5.1	0.9	45	0.26	0.062
1058730	Soil	1.4	32.6	12.0	52	0.3	14.2	5.8	204	1.99	421.6	3.1	6.4	5.3	16	0.4	2.5	2.0	43	0.17	0.054
1058731	Soil	1.9	26.4	9.0	57	0.3	12.6	6.7	363	1.86	243.7	2.1	4.8	2.4	26	0.3	1.6	0.8	44	0.25	0.053
1058733	Soil	1.6	28.5	11.3	52	0.2	16.6	7.9	259	2.34	201.6	1.7	4.2	7.4	19	0.4	2.1	0.9	50	0.24	0.066
1058732	Soil	1.1	67.6	9.0	56	0.2	18.2	7.8	308	2.22	323.4	6.1	3.3	8.6	23	0.2	2.0	0.9	46	0.30	0.077
1058734	Soil	1.5	28.8	14.3	68	0.2	19.7	8.9	257	2.39	137.5	7.1	10.1	4.1	33	0.2	3.4	1.1	44	0.32	0.075
1058735	Soil	2.6	26.5	15.7	92	0.3	27.2	12.0	620	2.77	132.1	7.2	5.7	2.1	37	0.3	2.3	0.5	51	0.40	0.093
1058737	Soil	1.3	18.4	9.5	61	0.1	20.9	7.5	318	2.27	64.1	1.8	7.6	3.9	18	0.1	1.6	0.2	41	0.19	0.058
1058736	Soil	1.4	17.0	12.4	56	0.1	17.2	5.7	143	2.55	78.8	1.5	4.1	3.6	14	0.2	1.4	0.4	50	0.13	0.048

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000163.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1043392	Soil	15	26	0.43	113	0.047	<1	1.55	0.010	0.19	0.4	0.03	2.8	0.3	0.10	4	<0.5	<0.2
1078898	Soil	20	153	0.89	195	0.078	1	2.18	0.036	0.50	0.6	0.06	4.8	0.9	0.36	7	1.2	<0.2
1078896	Soil	20	118	0.81	138	0.094	2	2.19	0.042	0.66	0.4	0.02	4.7	0.9	0.37	7	1.3	<0.2
1043397	Soil	19	27	0.36	107	0.058	1	1.56	0.007	0.12	0.3	0.06	1.8	0.3	0.06	6	<0.5	<0.2
1043396	Soil	18	32	0.41	121	0.067	<1	1.75	0.007	0.12	0.3	0.05	2.0	0.3	<0.05	7	0.7	<0.2
1043398	Soil	17	25	0.40	110	0.055	<1	1.45	0.006	0.08	0.4	0.04	2.0	0.2	<0.05	4	<0.5	<0.2
1043395	Soil	13	26	0.46	107	0.062	<1	1.27	0.008	0.11	0.3	0.03	2.2	0.2	<0.05	4	<0.5	<0.2
1078644	Soil	18	22	0.41	116	0.045	<1	1.38	0.005	0.13	0.4	0.04	1.9	0.2	<0.05	4	<0.5	<0.2
1078646	Soil	20	27	0.47	116	0.061	<1	1.64	0.007	0.15	0.3	0.03	2.1	0.2	<0.05	5	<0.5	<0.2
1043400	Soil	19	27	0.51	172	0.074	<1	1.75	0.008	0.20	0.5	0.02	2.7	0.3	<0.05	5	<0.5	<0.2
1078645	Soil	16	35	0.43	158	0.035	<1	1.48	0.006	0.09	0.3	0.03	2.0	0.2	<0.05	4	<0.5	<0.2
1043399	Soil	17	25	0.41	112	0.055	<1	1.41	0.006	0.08	0.4	0.05	1.9	0.2	<0.05	4	0.6	<0.2
1078968	Soil	15	25	0.41	150	0.078	1	1.42	0.008	0.09	2.6	0.04	2.2	0.2	<0.05	4	<0.5	<0.2
1078969	Soil	14	24	0.36	150	0.070	1	1.24	0.007	0.07	2.1	0.04	2.1	0.2	<0.05	5	<0.5	<0.2
1078971	Soil	17	22	0.40	148	0.065	1	0.94	0.007	0.08	2.8	0.03	2.1	0.1	<0.05	3	<0.5	<0.2
1078967	Soil	20	26	0.40	262	0.059	<1	1.20	0.008	0.08	3.3	0.04	2.4	0.2	<0.05	5	<0.5	<0.2
1078972	Soil	20	26	0.40	224	0.048	<1	1.34	0.007	0.08	1.3	0.05	2.8	0.2	<0.05	5	0.6	<0.2
1078973	Soil	19	23	0.37	180	0.063	1	1.06	0.007	0.07	3.6	0.05	2.0	0.2	<0.05	4	<0.5	<0.2
1078970	Soil	19	22	0.38	278	0.069	<1	1.20	0.008	0.08	1.7	0.02	2.3	0.2	<0.05	4	<0.5	<0.2
1078974	Soil	25	30	0.50	154	0.075	1	1.13	0.007	0.09	1.0	0.04	2.9	0.2	<0.05	4	<0.5	<0.2
1058728	Soil	15	27	0.46	146	0.050	2	1.35	0.007	0.07	1.1	0.02	2.3	0.2	<0.05	5	<0.5	<0.2
1058729	Soil	18	30	0.49	196	0.042	2	1.47	0.007	0.07	0.9	0.03	2.3	0.2	<0.05	5	<0.5	<0.2
1058730	Soil	16	27	0.40	127	0.068	<1	1.04	0.007	0.08	1.3	0.03	2.4	0.2	<0.05	5	<0.5	<0.2
1058731	Soil	13	25	0.39	150	0.069	1	0.90	0.008	0.10	1.0	0.04	1.8	0.2	<0.05	4	<0.5	<0.2
1058733	Soil	19	30	0.44	129	0.087	2	1.20	0.008	0.10	1.6	0.05	2.0	0.2	<0.05	5	<0.5	<0.2
1058732	Soil	28	30	0.51	202	0.085	2	1.17	0.010	0.11	1.8	0.04	2.5	0.2	<0.05	4	0.5	<0.2
1058734	Soil	26	34	0.54	233	0.050	3	1.70	0.008	0.10	1.6	0.05	3.1	0.3	<0.05	5	1.0	<0.2
1058735	Soil	19	39	0.54	281	0.035	2	1.98	0.009	0.08	0.5	0.04	3.3	0.2	0.09	6	1.0	<0.2
1058737	Soil	17	29	0.44	132	0.047	<1	1.31	0.006	0.08	0.5	0.05	2.1	0.1	<0.05	4	<0.5	<0.2
1058736	Soil	16	31	0.45	85	0.043	2	1.82	0.006	0.06	0.5	0.03	2.2	0.2	0.05	6	<0.5	<0.2

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Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000163.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1058738	Soil	0.9	24.3	10.1	61	0.1	21.7	7.5	270	2.45	28.5	1.6	11.7	1.6	20	0.1	1.4	0.3	47	0.17	0.066
1058739	Soil	1.1	29.4	9.1	63	0.1	25.7	9.7	295	2.66	30.3	1.8	12.7	5.0	22	0.3	1.9	0.2	47	0.23	0.069
1058740	Soil	0.9	17.5	7.8	51	<0.1	17.1	6.0	189	2.07	16.8	0.8	3.2	1.4	14	0.2	1.0	0.1	37	0.14	0.055
1058741	Soil	0.8	30.3	9.0	57	0.1	22.0	7.6	251	2.44	26.4	1.3	6.2	3.7	14	<0.1	2.0	0.2	44	0.14	0.056
1058742	Soil	1.0	31.2	9.8	60	0.2	21.7	7.6	245	2.57	20.1	1.4	87.3	2.3	14	0.2	2.2	0.2	48	0.16	0.068
1074608	Soil	1.8	41.5	11.2	61	0.3	17.6	8.6	417	2.47	525.6	7.9	13.9	4.1	39	<0.1	6.1	1.7	45	0.41	0.058
1074609	Soil	1.4	27.8	10.6	52	0.2	14.4	7.0	164	1.78	170.1	9.9	3.5	9.8	25	0.3	10.7	1.0	42	0.33	0.071
1074604	Soil	1.8	28.0	11.0	51	0.2	12.8	5.9	256	2.21	491.0	5.5	5.8	2.8	24	0.1	3.1	1.7	44	0.25	0.060
1074607	Soil	2.1	16.5	7.4	33	0.2	6.7	2.2	86	0.86	120.3	1.3	4.8	1.3	24	0.9	1.4	0.7	28	0.25	0.033
1199388	Soil	1.1	43.6	11.6	64	0.3	30.0	10.0	323	3.12	69.5	2.7	9.7	8.0	26	0.2	13.3	0.5	56	0.23	0.083
1074601	Soil	0.7	34.0	9.2	55	0.2	20.6	8.1	272	2.50	37.6	1.9	12.4	7.3	28	0.2	6.9	0.3	46	0.25	0.074
1199387	Soil	0.9	28.4	9.7	55	0.2	19.0	8.2	287	2.45	42.7	1.8	23.1	5.1	23	0.2	5.0	0.8	46	0.22	0.076
1199386	Soil	0.9	36.1	12.6	63	0.3	20.3	10.1	401	2.68	69.1	3.0	43.5	6.4	29	0.2	4.0	1.4	52	0.27	0.082
1199385	Soil	0.9	23.9	9.4	60	0.2	19.8	7.8	298	2.29	40.3	2.6	106.9	5.2	21	0.4	3.6	1.3	46	0.25	0.078
1199383	Soil	2.2	18.8	11.6	50	0.2	14.7	7.3	411	2.32	96.8	4.8	20.7	1.8	21	<0.1	2.6	1.0	50	0.19	0.067
1199384	Soil	0.9	26.1	9.7	61	0.2	19.9	9.0	352	2.39	49.1	2.7	88.9	6.4	21	0.2	4.0	0.7	47	0.24	0.075
1074602	Soil	1.5	19.3	9.4	45	0.2	13.7	6.2	243	2.09	79.6	3.6	21.4	4.5	20	0.1	2.7	0.8	44	0.22	0.069
1074603	Soil	1.6	17.3	9.8	55	0.2	15.1	6.4	251	2.20	88.2	5.7	21.4	2.9	26	0.1	2.8	0.8	46	0.26	0.063
1074610	Soil	0.5	15.4	11.3	42	0.2	11.3	3.4	117	1.27	22.1	2.7	3.6	2.7	26	0.3	3.0	0.7	32	0.26	0.048
1074606	Soil	1.7	56.1	10.7	56	0.4	15.2	7.0	370	2.23	552.0	6.1	7.0	4.0	43	0.2	4.3	2.0	43	0.48	0.059
1074605	Soil	2.2	46.3	12.1	53	0.3	13.5	7.4	482	2.24	554.1	5.6	13.1	1.8	44	0.3	5.4	3.0	45	0.50	0.076
1071002	Soil	1.8	304.1	27.7	66	0.8	21.8	13.5	452	4.53	1896	22.2	93.8	9.8	32	0.7	61.9	26.2	47	0.44	0.109
1071001	Soil	1.2	220.4	31.7	70	1.2	18.5	12.5	505	3.67	2168	15.2	63.7	17.9	53	0.7	104.0	17.3	45	0.44	0.113
1071003	Soil	1.6	400.5	59.9	134	2.2	25.5	18.5	709	5.51	1847	23.0	59.3	18.1	46	3.3	88.7	20.3	60	0.48	0.117
1071004	Soil	1.2	213.4	45.0	87	1.4	19.5	14.1	716	3.91	1263	11.7	68.9	20.5	34	1.4	131.3	13.8	42	0.43	0.126
1071006	Soil	1.2	209.1	35.4	89	1.4	19.6	23.2	934	5.22	2780	13.6	44.6	26.8	40	1.4	91.0	14.6	45	0.54	0.127
1071007	Soil	1.2	131.6	11.3	79	0.5	21.9	11.4	418	3.34	332.7	6.1	34.6	15.3	36	0.2	24.7	5.4	60	0.44	0.136
1071005	Soil	1.2	161.4	57.8	92	1.8	18.8	17.1	791	4.45	5280	11.0	54.8	21.7	41	1.4	152.8	19.5	41	0.49	0.117
1071010	Soil	1.3	104.4	12.3	46	0.4	25.1	12.2	355	3.11	265.4	2.9	21.3	3.4	24	0.2	10.8	3.7	56	0.18	0.083
1071008	Soil	1.0	110.3	7.1	54	0.6	17.6	8.9	231	2.36	688.9	3.8	31.7	8.5	26	0.2	2.8	2.4	44	0.30	0.088

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1058738	Soil		17	28	0.44	177	0.043	2	1.53	0.007	0.09	0.6	0.04	2.1	0.2	0.06	5	0.7	<0.2
1058739	Soil		22	28	0.46	205	0.061	3	1.45	0.007	0.11	0.6	0.03	2.7	0.1	<0.05	4	0.9	<0.2
1058740	Soil		14	21	0.35	96	0.031	2	1.13	0.005	0.06	0.4	0.03	1.3	0.1	0.06	4	<0.5	<0.2
1058741	Soil		18	31	0.48	134	0.050	2	1.60	0.006	0.10	0.4	0.03	2.6	0.2	<0.05	5	0.5	<0.2
1058742	Soil		18	29	0.46	115	0.043	2	1.50	0.005	0.08	0.4	0.04	2.4	0.2	<0.05	5	0.7	<0.2
1074608	Soil		30	30	0.48	199	0.045	2	1.39	0.008	0.08	0.8	0.04	2.7	0.3	0.08	5	0.9	<0.2
1074609	Soil		28	33	0.52	165	0.089	2	1.39	0.008	0.12	1.3	0.03	3.5	0.3	<0.05	5	0.7	<0.2
1074604	Soil		28	25	0.41	189	0.036	2	1.28	0.006	0.06	0.5	0.03	2.2	0.2	<0.05	5	0.8	<0.2
1074607	Soil		10	15	0.15	86	0.050	2	0.50	0.007	0.07	0.5	0.04	1.1	0.2	0.07	4	0.7	<0.2
1199388	Soil		24	41	0.65	229	0.091	2	1.88	0.009	0.23	0.7	0.03	4.0	0.3	<0.05	6	0.6	<0.2
1074601	Soil		22	32	0.57	199	0.087	1	1.64	0.009	0.19	0.8	0.02	3.6	0.2	<0.05	5	0.5	<0.2
1199387	Soil		19	28	0.48	151	0.063	2	1.43	0.007	0.11	0.7	0.05	2.7	0.2	<0.05	5	0.6	<0.2
1199386	Soil		26	31	0.55	210	0.064	1	1.67	0.008	0.12	0.7	0.04	3.4	0.2	<0.05	6	0.8	<0.2
1199385	Soil		22	26	0.42	168	0.060	2	1.18	0.008	0.09	1.0	0.03	2.5	0.2	<0.05	4	0.6	<0.2
1199383	Soil		19	28	0.42	186	0.039	2	1.39	0.007	0.06	0.5	0.02	2.0	0.2	<0.05	5	<0.5	<0.2
1199384	Soil		24	30	0.48	196	0.073	1	1.37	0.009	0.11	1.1	0.03	2.8	0.2	<0.05	5	<0.5	<0.2
1074602	Soil		20	26	0.41	166	0.053	1	1.22	0.007	0.06	0.6	0.04	2.1	0.2	<0.05	5	<0.5	<0.2
1074603	Soil		23	28	0.44	211	0.050	2	1.38	0.008	0.06	0.5	0.04	2.3	0.2	<0.05	5	0.7	<0.2
1074610	Soil		17	26	0.48	143	0.062	3	1.21	0.010	0.08	0.7	0.03	2.5	0.2	<0.05	5	<0.5	<0.2
1074606	Soil		27	26	0.44	188	0.055	2	1.21	0.008	0.08	0.8	0.03	2.6	0.3	<0.05	5	<0.5	<0.2
1074605	Soil		25	25	0.38	224	0.032	2	1.27	0.009	0.07	0.4	0.04	2.2	0.3	<0.05	5	0.7	<0.2
1071002	Soil		48	33	0.50	134	0.026	3	1.64	0.013	0.11	1.7	0.07	5.3	0.4	<0.05	6	2.1	0.3
1071001	Soil		55	33	0.58	250	0.057	2	1.66	0.010	0.16	2.3	0.04	5.4	0.3	<0.05	6	1.2	0.2
1071003	Soil		70	46	0.78	188	0.046	3	2.24	0.010	0.17	1.7	0.04	9.2	0.4	<0.05	8	2.3	0.3
1071004	Soil		53	32	0.55	263	0.052	3	1.39	0.012	0.18	2.3	0.03	7.4	0.5	<0.05	5	0.8	0.2
1071006	Soil		60	33	0.45	229	0.019	2	1.30	0.008	0.19	2.2	0.04	10.7	0.6	<0.05	5	1.3	0.3
1071007	Soil		43	41	0.66	216	0.103	3	1.68	0.012	0.16	4.1	0.04	5.0	0.4	<0.05	6	1.1	<0.2
1071005	Soil		51	29	0.52	285	0.037	1	1.36	0.008	0.17	2.2	0.01	7.5	0.5	<0.05	5	1.7	0.3
1071010	Soil		18	57	0.67	209	0.075	2	2.01	0.010	0.18	1.5	0.04	3.3	0.4	<0.05	7	1.2	<0.2
1071008	Soil		26	29	0.47	178	0.081	2	1.24	0.010	0.11	2.2	0.01	2.8	0.2	<0.05	4	0.8	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000163.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1071009	Soil	0.9	74.1	9.0	67	0.2	20.6	9.3	287	2.61	108.0	3.4	17.3	11.5	45	0.2	5.2	2.3	56	0.42	0.098
1071011	Soil	1.5	35.3	9.7	52	0.1	21.6	7.1	192	2.81	50.8	1.1	1.8	2.7	10	0.2	7.8	0.3	50	0.07	0.043
1071013	Soil	0.9	44.0	9.3	58	0.1	25.5	11.6	294	3.00	52.4	1.4	4.3	5.2	13	0.3	14.8	0.3	45	0.13	0.064
1071012	Soil	1.3	41.0	12.2	57	<0.1	26.5	12.3	335	3.40	50.5	1.1	2.2	4.0	11	0.2	15.7	0.2	45	0.08	0.044
1071022	Soil	1.1	39.5	14.5	75	0.1	30.6	17.1	495	3.16	53.2	1.4	13.0	4.5	12	0.4	5.6	1.5	48	0.10	0.059
1071024	Soil	1.3	60.2	21.6	65	0.4	33.9	13.6	355	3.82	118.2	2.1	3.6	5.6	11	0.2	9.1	0.7	49	0.08	0.057
1071023	Soil	1.5	36.0	16.4	54	0.3	21.1	8.9	291	3.07	123.3	1.3	2.4	1.1	12	0.3	5.3	0.6	48	0.08	0.068
1071021	Soil	0.9	78.2	23.4	79	0.6	51.8	16.9	480	5.42	454.7	2.5	5.7	5.2	12	0.6	34.6	1.8	31	0.11	0.071
1071020	Soil	0.9	118.5	24.9	107	0.4	61.9	22.1	815	5.94	232.0	2.3	14.2	7.4	15	0.6	23.2	1.4	30	0.11	0.062
1071018	Soil	1.6	38.7	12.0	56	<0.1	21.7	8.3	271	3.37	120.3	1.0	2.4	2.9	11	0.2	5.8	0.6	54	0.07	0.054
1071015	Soil	1.6	43.9	13.5	60	0.2	24.6	8.9	263	3.20	98.1	1.3	3.2	1.5	12	0.2	43.4	0.8	49	0.08	0.064
1071019	Soil	1.5	121.3	25.6	125	0.2	57.0	36.9	513	6.05	109.1	4.5	7.3	14.1	9	0.3	27.5	0.9	65	0.06	0.082
1071017	Soil	1.2	35.8	10.9	46	0.1	28.2	6.6	198	2.66	142.7	1.3	12.1	2.1	10	0.1	18.2	0.6	42	0.06	0.051
1071016	Soil	1.0	36.3	8.5	58	<0.1	25.7	10.5	253	2.72	76.4	1.0	10.2	4.0	11	0.4	17.6	0.3	36	0.07	0.043
1071028	Soil	1.5	69.1	19.7	72	0.2	39.3	16.7	397	4.01	153.4	2.0	8.5	7.4	17	0.4	6.9	1.6	52	0.11	0.062
1071026	Soil	0.8	60.2	18.3	58	0.2	33.9	16.1	417	3.48	127.0	2.3	8.7	7.2	10	0.3	9.0	1.7	52	0.11	0.055
1071014	Soil	1.7	29.4	14.0	84	0.1	23.6	11.3	389	3.13	29.1	1.0	6.7	2.0	12	0.4	8.9	0.5	56	0.11	0.055
1071029	Soil	1.6	56.4	12.4	54	0.2	35.7	9.3	211	3.37	81.5	1.5	3.8	4.7	19	0.3	3.3	0.5	42	0.09	0.055
1071025	Soil	1.1	29.1	14.9	49	0.3	21.7	7.1	189	2.75	75.7	1.1	4.0	2.0	11	0.3	9.1	0.4	34	0.09	0.044
1071030	Soil	1.2	46.3	11.6	53	0.4	28.3	11.2	280	2.81	100.7	1.8	4.6	3.7	24	0.3	5.4	0.8	39	0.20	0.064
1071031	Soil	1.5	42.5	16.7	65	0.3	33.6	11.9	389	3.47	123.4	1.4	6.1	3.9	13	0.3	4.7	0.8	49	0.12	0.068
1071027	Soil	1.6	68.1	19.0	69	0.1	39.2	17.4	417	4.06	145.6	2.1	7.3	7.4	17	0.3	7.0	1.6	51	0.10	0.056
1050861	Soil	1.4	18.3	9.5	51	0.1	14.8	6.9	281	2.14	86.1	4.1	13.7	3.0	16	0.1	3.2	0.8	44	0.17	0.054
1050857	Soil	2.1	40.6	10.6	60	0.5	15.5	8.2	365	2.21	516.2	7.2	4.6	3.0	27	0.2	5.6	1.6	39	0.28	0.058
1050859	Soil	1.7	33.9	9.6	55	0.3	15.5	7.0	266	2.22	455.6	5.9	5.1	3.8	25	0.2	2.9	1.5	43	0.25	0.051
1050858	Soil	2.2	35.9	10.3	55	0.2	16.1	7.2	292	2.28	481.8	7.0	5.5	4.9	22	<0.1	3.5	1.4	46	0.20	0.052
1050862	Soil	1.3	24.8	11.0	56	0.3	17.4	8.3	411	2.39	77.6	5.3	12.8	4.2	16	0.1	5.2	1.0	46	0.19	0.067
1050855	Soil	1.8	32.5	10.1	63	0.2	18.3	10.0	469	2.31	326.3	3.8	2.7	7.3	27	0.3	4.9	1.3	44	0.33	0.076
1050853	Soil	2.8	23.6	10.9	44	0.3	13.7	9.4	455	2.26	368.1	4.0	8.4	1.3	27	0.1	6.1	1.2	44	0.33	0.048
1050860	Soil	1.5	23.0	9.7	52	0.2	16.3	7.8	234	2.25	131.0	6.8	16.2	3.8	17	<0.1	2.3	0.7	41	0.20	0.057

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Project: MAH
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1071009	Soil	31	42	0.66	213	0.114	2	1.54	0.009	0.22	1.0	0.01	3.7	0.4	0.09	6	0.7	<0.2
1071011	Soil	16	26	0.30	110	0.031	1	1.45	0.006	0.07	0.5	0.04	1.6	0.2	0.10	5	<0.5	<0.2
1071013	Soil	19	26	0.34	144	0.034	1	1.18	0.006	0.07	0.7	0.03	2.2	0.2	0.06	4	<0.5	<0.2
1071012	Soil	18	31	0.44	110	0.034	<1	1.78	0.006	0.08	0.7	0.05	2.3	0.3	<0.05	5	1.0	<0.2
1071022	Soil	20	30	0.50	128	0.049	<1	1.86	0.007	0.09	1.0	0.06	2.3	0.3	<0.05	5	<0.5	<0.2
1071024	Soil	23	34	0.45	152	0.029	<1	1.76	0.006	0.12	0.5	0.04	3.0	0.3	<0.05	6	<0.5	<0.2
1071023	Soil	14	28	0.31	117	0.023	1	1.65	0.006	0.10	0.5	0.08	1.6	0.3	0.07	6	<0.5	<0.2
1071021	Soil	31	20	0.22	215	0.007	2	1.20	0.005	0.15	0.5	0.05	3.4	0.5	<0.05	4	0.6	<0.2
1071020	Soil	28	21	0.26	193	0.010	<1	1.17	0.006	0.10	0.8	0.04	4.1	0.3	<0.05	3	<0.5	<0.2
1071018	Soil	17	29	0.30	99	0.041	2	1.62	0.009	0.10	0.4	0.05	2.1	0.2	<0.05	7	0.5	<0.2
1071015	Soil	18	32	0.33	119	0.029	<1	1.70	0.006	0.10	0.4	0.05	1.7	0.3	<0.05	6	<0.5	<0.2
1071019	Soil	33	66	0.53	227	0.053	2	2.72	0.004	0.20	0.2	0.03	9.2	0.6	<0.05	7	0.6	<0.2
1071017	Soil	15	34	0.25	69	0.033	<1	1.22	0.005	0.07	0.5	0.06	1.6	0.1	<0.05	5	<0.5	<0.2
1071016	Soil	15	25	0.32	110	0.035	<1	1.37	0.005	0.08	0.6	0.04	2.0	0.2	<0.05	4	0.7	<0.2
1071028	Soil	22	31	0.48	210	0.056	<1	1.95	0.006	0.16	0.7	0.04	3.8	0.3	<0.05	6	<0.5	<0.2
1071026	Soil	24	29	0.52	317	0.076	<1	2.26	0.006	0.22	1.0	0.03	4.2	0.4	<0.05	7	<0.5	<0.2
1071014	Soil	13	36	0.51	176	0.033	<1	2.20	0.006	0.08	0.3	0.03	2.2	0.2	<0.05	6	<0.5	<0.2
1071029	Soil	17	29	0.42	145	0.040	1	1.79	0.006	0.15	0.4	0.04	2.5	0.2	<0.05	5	0.8	<0.2
1071025	Soil	16	21	0.19	80	0.016	1	1.00	0.004	0.08	0.4	0.05	1.6	0.2	<0.05	4	0.6	<0.2
1071030	Soil	20	23	0.34	287	0.041	<1	1.56	0.005	0.12	0.7	0.05	2.6	0.3	<0.05	5	<0.5	<0.2
1071031	Soil	18	34	0.44	151	0.042	<1	1.95	0.007	0.14	0.5	0.07	2.6	0.2	<0.05	6	0.6	<0.2
1071027	Soil	21	30	0.47	213	0.050	2	1.97	0.007	0.16	0.7	0.03	3.5	0.3	<0.05	6	<0.5	<0.2
1050861	Soil	19	29	0.46	164	0.035	<1	1.40	0.006	0.05	0.6	0.04	2.3	0.2	<0.05	5	<0.5	<0.2
1050857	Soil	26	27	0.45	185	0.032	<1	1.43	0.006	0.07	0.6	0.05	2.7	0.2	<0.05	5	0.6	<0.2
1050859	Soil	25	28	0.43	166	0.042	<1	1.31	0.007	0.06	0.7	0.04	2.6	0.2	<0.05	5	<0.5	<0.2
1050858	Soil	28	31	0.48	174	0.047	<1	1.54	0.007	0.07	0.7	0.04	3.2	0.3	<0.05	5	<0.5	<0.2
1050862	Soil	22	31	0.48	161	0.045	1	1.59	0.009	0.07	0.5	0.04	3.1	0.2	<0.05	5	0.7	<0.2
1050855	Soil	25	31	0.50	184	0.070	<1	1.33	0.007	0.12	1.9	0.02	2.7	0.3	<0.05	5	0.5	<0.2
1050853	Soil	20	26	0.35	238	0.023	<1	1.24	0.005	0.05	0.6	0.04	1.7	0.3	<0.05	4	<0.5	<0.2
1050860	Soil	21	28	0.44	171	0.036	1	1.46	0.008	0.06	0.6	0.03	2.7	0.2	<0.05	5	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1050856	Soil		1.7	36.9	9.5	51	0.3	14.9	7.7	342	1.97	465.6	6.1	2.6	3.5	26	0.2	5.4	1.2	38	0.30	0.053
1050863	Soil		1.1	19.2	9.5	52	0.4	15.3	6.7	211	2.12	56.7	2.7	253.1	3.9	23	0.1	6.2	0.9	43	0.24	0.071
1050866	Soil		1.2	28.6	12.3	60	0.4	19.1	10.3	476	2.63	115.3	6.3	27.4	5.0	24	0.2	13.1	1.1	45	0.20	0.064
1050854	Soil		2.3	31.9	11.0	53	0.4	15.0	8.3	383	2.31	344.0	5.9	6.7	2.5	29	0.3	6.6	1.2	42	0.36	0.054
1050864	Soil		1.3	27.2	16.2	57	0.5	18.0	10.2	513	2.72	155.4	3.6	21.4	1.9	13	0.1	23.7	0.7	44	0.13	0.062
1050865	Soil		1.0	26.4	10.9	57	0.3	17.5	7.8	331	2.52	121.3	4.7	52.5	10.0	26	0.1	12.0	1.5	46	0.29	0.082
1050867	Soil		1.2	28.4	12.5	61	0.4	16.4	10.8	476	2.27	95.2	6.2	114.2	9.6	36	0.2	10.5	1.4	44	0.36	0.077
1050868	Soil		0.9	21.3	10.5	58	0.2	14.2	7.2	321	2.12	77.6	3.7	66.0	7.3	23	0.2	9.3	1.2	42	0.24	0.069
1155513	Soil		1.1	25.9	10.1	59	0.2	16.8	7.0	283	2.20	61.5	1.8	4.5	6.3	16	0.3	3.9	0.7	39	0.19	0.053
1155514	Soil		1.4	34.6	11.8	64	<0.1	18.7	9.3	428	2.50	110.1	3.8	5.3	9.4	19	0.2	6.8	1.4	48	0.25	0.074
1155517	Soil		1.2	19.3	11.4	46	0.2	13.2	5.0	162	2.07	104.1	2.0	6.0	5.5	13	0.2	5.0	1.0	42	0.13	0.051
1155516	Soil		1.0	18.3	10.3	46	0.1	14.6	6.0	270	2.24	43.8	1.7	4.3	4.2	11	0.2	2.4	0.6	40	0.12	0.048
1155518	Soil		1.3	20.6	10.8	66	<0.1	18.0	9.0	396	2.33	80.4	2.5	9.7	6.5	14	0.3	3.8	0.8	46	0.15	0.058
1155519	Soil		0.9	21.9	9.3	61	<0.1	18.7	8.3	347	2.10	38.5	2.6	6.3	7.8	13	0.2	1.8	0.4	41	0.17	0.064
1155520	Soil		2.0	15.1	11.6	35	0.2	10.4	4.9	172	1.89	47.3	2.8	5.9	2.7	10	0.1	2.6	0.8	51	0.06	0.046
1155515	Soil		1.3	21.8	8.9	61	0.1	16.9	7.1	300	2.16	44.9	3.1	23.3	8.8	18	0.3	5.2	0.5	42	0.24	0.078
1155521	Soil		1.2	22.4	9.0	57	0.2	16.6	7.9	332	2.16	58.2	4.5	13.7	8.9	22	0.3	2.6	0.5	42	0.29	0.090
1155522	Soil		1.2	37.2	19.3	65	0.2	15.8	11.0	606	2.78	101.9	9.4	7.7	16.1	16	0.3	6.5	3.0	43	0.21	0.109
1155523	Soil		1.2	41.6	19.5	66	0.2	16.6	11.4	614	2.81	113.9	10.1	9.1	17.5	17	0.4	6.6	2.7	44	0.20	0.108
1155524	Soil		1.8	19.6	10.2	56	0.2	15.4	7.0	402	2.40	65.9	6.5	7.1	2.0	16	0.2	1.6	0.5	46	0.15	0.064
1155504	Soil		0.9	159.4	9.2	61	0.3	15.9	9.1	342	2.18	690.1	6.1	37.1	10.0	22	0.4	70.8	5.8	40	0.26	0.082
1155505	Soil		0.8	168.7	10.1	60	0.4	16.3	9.8	376	2.30	836.9	8.0	34.4	12.1	26	0.4	171.1	6.2	42	0.31	0.085
1155501	Soil		0.8	512.6	63.4	247	4.5	19.3	9.1	480	6.14	8488	2.5	303.5	8.1	50	8.4	1957	35.3	29	0.59	0.083
1155506	Soil		1.0	44.2	8.9	50	0.2	15.7	6.2	193	2.12	203.5	2.6	8.1	3.8	14	0.3	2.7	1.1	45	0.13	0.041
1155509	Soil		1.6	152.0	13.8	84	1.1	24.7	10.7	427	2.99	648.3	6.6	12.3	9.2	20	0.5	18.4	3.3	55	0.21	0.065
1155502	Soil		1.0	146.7	21.3	107	1.3	20.5	9.8	464	2.77	632.3	3.2	82.5	6.3	52	1.1	43.5	18.5	39	0.78	0.092
1155526	Soil		1.0	16.0	8.5	46	0.2	12.0	4.5	134	1.84	34.1	2.0	4.4	1.4	14	0.1	3.1	1.0	38	0.09	0.049
1155511	Soil		1.2	37.6	12.3	58	0.2	15.9	7.6	327	2.45	114.0	3.8	6.6	8.7	15	0.2	14.4	1.1	45	0.15	0.058
1155510	Soil		1.7	63.9	12.3	66	0.9	17.1	6.9	322	2.42	231.1	5.4	16.4	7.3	27	0.2	31.8	2.0	47	0.34	0.070
1155508	Soil		1.2	75.0	10.4	60	0.3	19.3	9.1	280	2.45	342.2	2.6	10.6	7.5	16	0.2	7.8	3.0	45	0.19	0.060

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000163.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1050856	Soil	23	26	0.40	170	0.038	1	1.20	0.005	0.06	0.5	0.04	2.6	0.2	<0.05	4	0.5	<0.2
1050863	Soil	19	30	0.44	155	0.054	<1	1.38	0.006	0.08	0.8	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1050866	Soil	25	36	0.51	189	0.052	<1	1.83	0.006	0.10	0.7	0.05	4.0	0.3	<0.05	6	<0.5	<0.2
1050854	Soil	26	26	0.42	192	0.035	1	1.36	0.006	0.07	0.6	0.03	2.4	0.2	<0.05	5	<0.5	<0.2
1050864	Soil	17	34	0.44	160	0.028	1	1.60	0.005	0.07	0.8	0.03	3.0	0.3	<0.05	5	<0.5	<0.2
1050865	Soil	27	39	0.57	171	0.080	<1	1.63	0.007	0.14	1.0	0.03	4.1	0.3	<0.05	5	<0.5	<0.2
1050867	Soil	30	32	0.54	204	0.056	4	1.47	0.007	0.12	1.5	0.05	3.7	0.3	0.06	5	<0.5	<0.2
1050868	Soil	19	29	0.46	146	0.051	4	1.21	0.007	0.10	1.0	0.03	2.8	0.2	0.05	4	<0.5	<0.2
1155513	Soil	16	23	0.35	174	0.047	3	1.05	0.006	0.07	4.3	0.03	1.8	0.2	<0.05	4	<0.5	<0.2
1155514	Soil	25	30	0.50	205	0.069	4	1.32	0.008	0.13	8.9	0.04	2.7	0.3	<0.05	5	<0.5	<0.2
1155517	Soil	13	26	0.34	111	0.063	3	1.24	0.007	0.07	3.9	0.06	1.9	0.2	<0.05	5	<0.5	<0.2
1155516	Soil	16	24	0.32	117	0.048	2	1.49	0.005	0.06	5.0	0.05	1.2	0.2	0.08	5	<0.5	<0.2
1155518	Soil	21	25	0.38	184	0.057	3	1.49	0.007	0.07	8.4	0.06	2.0	0.3	0.05	4	<0.5	<0.2
1155519	Soil	22	24	0.42	171	0.063	3	1.36	0.008	0.08	4.9	0.04	2.2	0.3	<0.05	4	<0.5	<0.2
1155520	Soil	16	23	0.26	114	0.045	2	1.27	0.006	0.05	3.3	0.03	1.9	0.4	0.06	6	<0.5	<0.2
1155515	Soil	21	26	0.42	177	0.071	2	1.23	0.007	0.12	6.2	0.02	2.2	0.2	<0.05	5	<0.5	<0.2
1155521	Soil	30	25	0.41	215	0.063	3	1.18	0.007	0.11	7.2	<0.01	2.3	0.2	<0.05	4	<0.5	<0.2
1155522	Soil	41	27	0.50	281	0.071	2	2.30	0.008	0.22	4.7	0.03	4.4	0.4	0.06	7	<0.5	<0.2
1155523	Soil	42	27	0.50	299	0.079	2	2.35	0.008	0.23	5.0	0.02	4.6	0.5	<0.05	7	<0.5	<0.2
1155524	Soil	18	28	0.42	184	0.036	2	1.44	0.006	0.07	1.6	0.02	2.4	0.2	0.08	5	<0.5	<0.2
1155504	Soil	31	27	0.46	113	0.075	2	1.27	0.007	0.11	3.1	0.02	2.5	0.3	<0.05	5	<0.5	<0.2
1155505	Soil	34	28	0.49	110	0.081	2	1.30	0.007	0.13	3.1	0.01	3.0	0.3	0.05	5	<0.5	<0.2
1155501	Soil	20	20	0.55	174	0.029	6	1.08	0.013	0.09	0.9	0.06	3.6	0.4	0.13	4	4.2	0.3
1155506	Soil	23	23	0.37	115	0.050	2	1.20	0.006	0.07	0.9	0.05	1.9	0.2	0.07	4	<0.5	<0.2
1155509	Soil	30	34	0.53	207	0.051	2	1.79	0.009	0.13	3.6	0.07	4.0	0.4	0.09	6	0.6	<0.2
1155502	Soil	24	24	0.56	190	0.050	5	1.67	0.017	0.08	1.3	0.04	2.8	0.3	0.11	5	0.8	<0.2
1155526	Soil	13	21	0.31	78	0.040	2	1.01	0.007	0.07	0.9	0.04	1.3	0.2	0.09	4	<0.5	<0.2
1155511	Soil	25	27	0.42	219	0.047	2	1.43	0.007	0.08	1.7	0.04	3.1	0.2	0.07	4	0.6	<0.2
1155510	Soil	23	30	0.46	298	0.044	2	1.44	0.008	0.12	4.5	0.07	3.9	0.3	0.09	5	0.6	<0.2
1155508	Soil	20	27	0.42	130	0.057	2	1.52	0.007	0.09	4.9	0.04	2.5	0.3	0.08	5	0.7	<0.2

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Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000163.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1155532	Soil	0.7	15.8	7.6	44	<0.1	13.6	4.7	139	1.72	12.3	1.6	9.1	2.4	17	0.2	2.1	0.3	33	0.20	0.061
1155531	Soil	2.1	17.9	10.9	52	0.1	14.9	7.2	319	2.31	24.9	5.2	11.9	1.2	19	<0.1	1.8	0.9	45	0.19	0.062
1155534	Soil	1.1	16.6	8.5	50	0.2	15.2	6.4	201	2.02	17.5	2.9	5.9	2.8	14	<0.1	2.7	0.5	36	0.17	0.066
1155530	Soil	1.6	14.8	8.7	52	<0.1	14.1	5.9	302	2.11	21.8	5.6	5.2	1.3	17	0.2	1.5	0.4	41	0.17	0.067
1155535	Soil	1.1	19.9	9.0	53	<0.1	17.4	7.5	276	2.15	22.2	2.7	41.6	5.1	18	0.1	2.6	0.4	37	0.24	0.073
1155525	Soil	0.9	20.0	9.9	49	0.1	13.8	6.2	248	2.05	56.3	3.3	9.8	3.6	19	0.2	2.0	1.0	40	0.16	0.058
1155507	Soil	1.1	84.0	11.1	66	0.4	21.4	8.7	277	2.51	423.4	5.0	17.5	8.5	26	0.3	2.9	4.9	48	0.24	0.074
1155527	Soil	1.0	23.4	9.8	62	0.1	19.4	8.3	361	2.42	30.7	5.5	5.1	7.0	21	0.2	5.1	0.7	44	0.22	0.080
1155503	Soil	1.1	78.0	9.5	63	0.4	18.5	8.0	317	2.21	312.0	3.5	20.8	9.8	21	0.3	41.7	2.7	46	0.27	0.088
1155536	Soil	1.1	16.1	8.9	47	<0.1	13.6	5.4	262	2.19	22.2	2.3	7.9	1.2	16	0.2	2.0	0.5	38	0.15	0.049
1155512	Soil	1.2	29.0	10.8	64	0.2	17.5	8.7	402	2.60	69.7	3.9	19.2	10.6	22	0.3	6.2	0.4	45	0.27	0.094
1155533	Soil	1.2	18.4	10.0	56	0.2	15.5	6.5	128	1.61	19.5	13.2	11.9	4.7	20	0.1	9.4	0.7	43	0.23	0.058
1155529	Soil	1.3	16.0	11.0	48	0.1	13.7	5.9	232	2.24	83.7	6.8	4.5	1.6	17	0.1	5.8	1.5	46	0.10	0.058
1155528	Soil	1.2	20.1	10.4	58	0.1	17.2	7.8	340	2.29	61.8	14.0	9.9	4.2	16	0.1	4.6	1.0	45	0.14	0.054
1047419	Soil	1.4	11.8	9.0	40	0.2	9.1	3.8	134	1.51	107.9	1.5	2.1	2.4	14	0.2	1.3	1.0	40	0.14	0.040
1047431	Soil	1.3	18.2	13.6	57	0.2	17.2	8.3	429	2.42	58.1	4.1	5.7	1.8	21	0.1	2.5	0.8	51	0.19	0.061
1047423	Soil	1.5	22.0	10.8	54	0.1	17.6	8.2	319	2.20	171.3	3.8	5.2	5.7	17	0.3	2.0	1.6	44	0.21	0.070
1047426	Soil	2.8	26.0	17.7	57	0.4	18.4	12.3	1310	3.12	146.3	11.4	11.1	4.3	33	0.1	3.6	1.2	51	0.35	0.095
1047430	Soil	1.3	21.2	13.6	59	0.2	19.6	8.2	423	2.54	60.0	4.2	7.6	2.1	18	0.1	2.4	0.7	53	0.16	0.061
1047433	Soil	1.0	23.7	10.1	59	0.1	20.2	8.7	372	2.25	76.1	4.1	14.5	9.0	23	0.2	3.1	0.8	47	0.28	0.078
1047436	Soil	1.1	26.3	13.2	59	0.3	17.2	8.4	205	2.22	67.6	10.7	20.1	9.7	21	0.2	3.0	1.0	51	0.25	0.079
1047420	Soil	1.9	15.1	10.7	45	0.2	11.3	4.9	210	1.89	139.7	2.1	1.6	3.3	19	0.1	1.7	1.3	50	0.20	0.043
1047435	Soil	1.1	21.1	10.9	62	0.2	16.2	8.8	203	2.08	46.2	6.6	8.4	8.1	21	0.2	3.4	0.7	44	0.24	0.068
1047421	Soil	2.3	14.6	14.7	57	0.3	13.4	10.7	421	2.73	187.3	2.1	3.6	6.1	12	0.3	1.7	1.6	60	0.11	0.046
1047418	Soil	1.7	18.4	9.8	56	<0.1	16.2	6.7	282	2.26	86.0	2.5	2.6	5.1	15	0.2	1.6	0.7	47	0.18	0.056
1047432	Soil	0.9	23.0	15.2	66	0.2	15.0	9.3	623	2.44	88.3	7.0	16.2	5.7	60	0.5	2.9	1.1	49	0.41	0.083
1047425	Soil	1.6	19.3	12.8	62	0.2	17.3	7.5	200	2.25	80.7	7.0	6.5	3.9	25	0.1	3.1	1.1	48	0.22	0.063
1047422	Soil	2.2	25.6	14.6	54	0.2	14.3	7.5	318	2.37	370.0	4.8	6.6	3.5	19	0.2	1.8	1.8	51	0.20	0.051
1047434	Soil	0.7	24.1	12.0	68	0.1	18.9	9.6	420	2.38	54.4	5.6	29.9	15.2	46	0.2	2.0	0.6	50	0.38	0.092
1047424	Soil	2.2	19.9	11.4	50	0.2	12.9	8.4	311	1.88	275.0	5.2	5.1	2.3	17	0.2	2.3	1.0	44	0.19	0.059

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1155532	Soil	16	22	0.37	169	0.037	2	1.09	0.007	0.06	0.4	0.02	1.9	0.2	0.08	3	<0.5	<0.2
1155531	Soil	22	26	0.43	181	0.030	2	1.47	0.007	0.07	0.5	0.04	2.0	0.3	0.10	5	<0.5	<0.2
1155534	Soil	19	22	0.38	138	0.032	2	1.34	0.005	0.06	0.5	0.03	2.0	0.2	0.07	4	<0.5	<0.2
1155530	Soil	17	23	0.40	135	0.024	2	1.24	0.007	0.06	0.4	0.02	1.6	0.2	0.10	4	<0.5	<0.2
1155535	Soil	20	21	0.37	176	0.040	2	1.10	0.006	0.07	0.4	0.02	2.5	0.2	0.07	3	<0.5	<0.2
1155525	Soil	21	23	0.37	164	0.042	2	1.23	0.008	0.07	1.4	0.05	2.3	0.2	0.09	4	0.6	<0.2
1155507	Soil	26	28	0.49	180	0.064	1	1.59	0.009	0.10	3.1	0.05	3.1	0.2	0.06	5	<0.5	<0.2
1155527	Soil	27	26	0.47	203	0.063	2	1.42	0.008	0.09	0.8	0.03	3.3	0.2	<0.05	5	<0.5	<0.2
1155503	Soil	26	28	0.46	141	0.072	2	1.33	0.008	0.09	3.5	0.03	2.5	0.3	<0.05	5	0.6	<0.2
1155536	Soil	15	22	0.37	150	0.030	2	1.17	0.006	0.06	0.4	0.03	1.7	0.2	<0.05	4	<0.5	<0.2
1155512	Soil	28	27	0.43	300	0.063	2	1.39	0.007	0.12	3.2	0.04	2.8	0.3	<0.05	5	<0.5	<0.2
1155533	Soil	29	30	0.49	304	0.052	2	1.56	0.007	0.07	0.7	0.04	3.1	0.3	<0.05	5	0.8	<0.2
1155529	Soil	17	27	0.38	127	0.028	2	1.30	0.006	0.04	0.4	0.03	1.7	0.2	0.05	5	<0.5	<0.2
1155528	Soil	27	28	0.43	186	0.047	2	1.39	0.006	0.06	0.6	0.04	3.2	0.2	<0.05	4	<0.5	<0.2
1047419	Soil	12	17	0.26	97	0.054	1	0.74	0.006	0.05	1.0	0.04	1.2	0.1	<0.05	4	<0.5	<0.2
1047431	Soil	18	31	0.46	169	0.035	1	1.50	0.006	0.06	0.7	0.03	2.3	0.2	<0.05	5	<0.5	<0.2
1047423	Soil	21	26	0.41	138	0.046	2	1.13	0.005	0.06	0.9	0.02	2.2	0.2	<0.05	4	<0.5	<0.2
1047426	Soil	31	34	0.44	270	0.041	1	1.53	0.007	0.07	0.6	0.06	3.7	0.4	0.08	5	<0.5	<0.2
1047430	Soil	21	36	0.48	175	0.042	1	1.66	0.006	0.06	1.0	0.04	2.7	0.2	<0.05	6	<0.5	<0.2
1047433	Soil	26	31	0.50	166	0.081	1	1.22	0.007	0.11	1.0	0.02	2.9	0.2	<0.05	4	<0.5	<0.2
1047436	Soil	30	34	0.52	167	0.057	1	1.44	0.006	0.10	0.6	0.03	4.2	0.3	<0.05	5	<0.5	<0.2
1047420	Soil	18	22	0.33	162	0.064	1	0.94	0.006	0.07	1.0	0.03	1.7	0.2	<0.05	5	<0.5	<0.2
1047435	Soil	25	34	0.51	131	0.076	2	1.43	0.007	0.10	0.7	0.03	3.2	0.2	<0.05	5	<0.5	<0.2
1047421	Soil	17	29	0.37	125	0.072	2	1.53	0.005	0.08	1.4	0.06	2.4	0.3	<0.05	6	<0.5	<0.2
1047418	Soil	18	26	0.43	134	0.059	<1	1.15	0.006	0.08	1.6	0.03	2.2	0.2	<0.05	4	<0.5	<0.2
1047432	Soil	38	35	0.57	298	0.050	1	1.79	0.008	0.09	0.5	0.04	3.7	0.3	0.05	6	<0.5	<0.2
1047425	Soil	23	34	0.51	191	0.051	2	1.60	0.007	0.08	0.9	0.03	2.8	0.3	<0.05	5	<0.5	<0.2
1047422	Soil	23	27	0.39	212	0.043	<1	1.32	0.006	0.07	0.8	0.03	2.2	0.2	<0.05	5	<0.5	<0.2
1047434	Soil	33	34	0.60	259	0.097	<1	1.38	0.009	0.17	3.5	0.03	3.4	0.4	<0.05	5	<0.5	<0.2
1047424	Soil	20	25	0.38	173	0.035	<1	1.23	0.005	0.05	0.7	0.03	1.8	0.2	<0.05	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000163.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078731	Soil	3.7	14.6	11.3	44	0.3	13.2	5.2	166	2.09	143.0	6.0	6.6	0.8	16	<0.1	1.4	1.3	45	0.13	0.061
1078734	Soil	2.2	24.3	11.1	54	0.2	16.3	6.8	298	2.31	81.6	10.2	4.5	3.1	14	<0.1	8.1	0.9	48	0.14	0.059
1078735	Soil	1.4	21.0	10.0	53	0.1	15.1	7.4	370	2.25	55.8	5.4	4.8	3.2	15	0.1	9.6	0.7	44	0.14	0.061
1078729	Soil	1.4	21.6	11.5	60	0.2	16.5	8.4	377	2.33	175.5	3.6	11.2	8.9	32	0.2	1.8	1.7	50	0.29	0.073
1078726	Soil	2.1	16.6	12.0	55	0.2	15.5	6.3	245	2.70	152.1	1.5	3.4	5.7	15	0.2	1.2	1.9	55	0.12	0.048
1078732	Soil	3.6	19.6	11.6	52	0.4	14.5	7.1	378	2.04	200.2	12.6	8.7	4.1	24	0.1	3.6	1.3	43	0.21	0.066
1078730	Soil	2.5	19.7	12.1	59	0.2	15.9	7.5	380	2.34	195.5	4.7	8.3	3.9	24	0.2	2.6	2.1	48	0.24	0.079
1078733	Soil	2.3	21.2	11.5	51	0.2	15.0	6.0	256	2.12	84.8	8.6	13.7	2.9	18	0.2	6.4	1.1	47	0.17	0.060
1078727	Soil	1.6	17.2	10.7	63	0.1	17.6	7.6	326	2.27	115.4	1.7	8.7	4.7	16	0.3	1.6	1.4	46	0.18	0.066
1078725	Soil	2.4	23.6	11.2	61	0.2	16.8	7.7	363	2.29	106.5	4.1	9.0	7.4	30	0.2	1.9	1.7	47	0.34	0.070
1078728	Soil	1.8	13.8	13.1	50	0.3	12.1	5.2	233	2.43	134.7	1.5	4.5	4.6	11	0.2	2.0	1.8	49	0.09	0.041
1078641	Soil	2.1	22.6	14.9	70	0.2	18.4	9.1	458	2.74	74.1	7.9	18.2	6.8	28	0.1	2.4	1.8	56	0.27	0.085
1078736	Soil	1.1	14.8	13.6	56	0.1	17.9	8.0	235	2.08	21.9	4.2	2.3	2.1	22	<0.1	2.5	0.5	36	0.18	0.041
1078923	Soil	1.4	25.0	13.9	68	0.2	18.1	10.1	570	2.67	64.0	4.4	24.1	6.6	37	0.2	1.8	1.5	58	0.36	0.086
1078917	Soil	2.9	29.9	15.6	67	0.2	18.6	10.0	484	2.78	295.8	8.0	21.0	5.6	41	0.2	2.8	3.5	60	0.35	0.084
1078912	Soil	1.5	14.5	11.4	44	<0.1	15.2	6.0	213	2.42	30.5	1.3	4.2	7.9	11	0.3	1.0	0.4	50	0.11	0.039
1078918	Soil	2.7	16.6	11.0	45	0.1	13.0	6.6	390	2.22	206.9	5.3	7.1	1.9	16	<0.1	1.4	1.8	46	0.14	0.054
1078920	Soil	2.4	14.4	10.1	49	0.2	13.8	5.7	213	1.89	103.3	7.1	5.1	2.1	25	0.1	3.3	1.1	39	0.22	0.064
1078916	Soil	1.8	17.2	12.6	61	0.2	16.1	7.6	339	2.53	205.1	2.3	5.7	4.4	14	0.3	2.4	1.7	43	0.12	0.050
1078913	Soil	2.7	20.8	13.1	58	0.1	15.7	7.4	341	2.45	157.1	3.6	10.4	6.2	20	0.3	3.7	2.0	48	0.21	0.066
1078919	Soil	2.1	25.2	11.4	65	0.2	17.3	8.3	158	1.98	50.2	10.4	7.5	8.7	26	0.3	4.5	1.4	43	0.31	0.081
1078921	Soil	1.6	18.6	14.4	66	0.1	17.6	9.2	467	2.73	61.4	4.3	9.4	4.0	16	<0.1	1.7	1.0	54	0.15	0.076
1078915	Soil	1.8	15.2	13.3	58	0.2	13.2	6.0	249	2.29	201.3	1.6	6.4	5.2	22	1.0	2.2	2.3	45	0.19	0.048
1078922	Soil	1.7	19.7	14.7	61	0.2	17.0	8.4	406	2.81	68.3	4.3	17.0	4.5	18	0.1	1.9	1.3	55	0.16	0.077
1078914	Soil	1.6	25.5	11.6	59	0.2	16.0	7.4	317	2.35	307.4	3.0	8.4	8.7	26	0.4	3.3	3.0	45	0.31	0.062
1078535	Soil	0.8	51.3	12.6	68	0.1	27.5	13.4	352	3.00	129.0	1.9	10.1	7.0	19	0.2	9.0	1.7	36	0.13	0.066
1078537	Soil	0.4	28.8	13.6	68	<0.1	25.9	30.7	743	2.86	31.5	2.4	3.1	9.7	16	0.1	16.1	0.2	24	0.12	0.031
1078538	Soil	1.2	173.2	10.1	40	0.6	18.7	7.2	206	3.48	250.5	3.4	81.6	3.2	26	0.1	15.7	12.0	53	0.07	0.069
1078533	Soil	1.1	77.8	23.6	59	0.3	21.8	14.3	576	2.98	432.6	4.5	13.8	9.4	22	0.4	17.7	9.3	31	0.15	0.069
1078534	Soil	1.7	129.9	30.2	91	0.5	49.4	24.8	739	4.34	277.6	5.2	20.6	8.3	32	1.1	50.4	5.0	39	0.17	0.080

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Project: MAH
Report Date: August 28, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078731	Soil	19	24	0.37	133	0.025	1	1.27	0.009	0.05	1.2	0.04	1.3	0.3	<0.05	5	<0.5	<0.2
1078734	Soil	26	31	0.45	180	0.050	<1	1.68	0.006	0.07	2.1	0.05	2.9	0.3	<0.05	5	0.5	<0.2
1078735	Soil	21	29	0.40	140	0.052	<1	1.50	0.005	0.07	1.6	0.03	2.2	0.3	<0.05	5	<0.5	<0.2
1078729	Soil	25	37	0.57	202	0.087	<1	1.45	0.007	0.13	2.4	0.02	3.0	0.3	<0.05	5	<0.5	<0.2
1078726	Soil	14	29	0.41	109	0.091	1	1.34	0.007	0.08	3.4	0.04	2.1	0.2	<0.05	6	<0.5	<0.2
1078732	Soil	32	26	0.39	169	0.041	1	1.30	0.008	0.06	2.1	0.04	2.8	0.2	<0.05	4	<0.5	<0.2
1078730	Soil	22	34	0.45	198	0.057	1	1.27	0.007	0.09	2.1	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1078733	Soil	25	29	0.41	177	0.047	1	1.47	0.006	0.06	2.3	0.05	2.4	0.3	<0.05	5	<0.5	<0.2
1078727	Soil	18	25	0.41	133	0.067	2	1.24	0.008	0.10	3.1	0.04	2.0	0.2	<0.05	4	<0.5	<0.2
1078725	Soil	24	29	0.51	245	0.078	1	1.34	0.008	0.12	4.9	0.03	2.9	0.2	<0.05	5	<0.5	<0.2
1078728	Soil	13	23	0.29	73	0.060	<1	1.21	0.005	0.07	2.2	0.07	1.6	0.2	<0.05	5	<0.5	<0.2
1078641	Soil	29	34	0.60	198	0.075	2	1.83	0.010	0.11	1.1	0.04	3.6	0.4	<0.05	6	0.5	<0.2
1078736	Soil	19	30	0.46	186	0.036	2	1.50	0.006	0.07	0.4	0.03	2.1	0.2	<0.05	4	<0.5	<0.2
1078923	Soil	27	33	0.57	263	0.096	2	1.62	0.012	0.13	1.2	0.05	3.4	0.3	<0.05	6	<0.5	<0.2
1078917	Soil	36	37	0.54	258	0.067	1	1.64	0.010	0.10	1.5	0.05	3.2	0.3	<0.05	6	0.5	<0.2
1078912	Soil	17	23	0.33	93	0.091	2	1.21	0.006	0.06	3.4	0.04	1.8	0.2	<0.05	5	<0.5	<0.2
1078918	Soil	18	26	0.37	139	0.035	<1	1.30	0.006	0.05	0.7	0.03	1.8	0.2	<0.05	5	<0.5	<0.2
1078920	Soil	29	25	0.38	240	0.040	<1	1.34	0.007	0.06	1.4	0.04	2.1	0.2	<0.05	4	<0.5	<0.2
1078916	Soil	18	25	0.38	131	0.048	1	1.21	0.005	0.07	1.9	0.04	2.1	0.2	<0.05	5	<0.5	<0.2
1078913	Soil	22	29	0.41	199	0.055	2	1.22	0.007	0.09	3.5	0.06	2.7	0.2	<0.05	5	<0.5	<0.2
1078919	Soil	30	31	0.52	172	0.081	<1	1.20	0.009	0.10	3.5	0.04	3.3	0.3	<0.05	4	<0.5	<0.2
1078921	Soil	21	31	0.50	161	0.053	2	1.68	0.006	0.08	1.0	0.03	2.8	0.3	<0.05	6	0.7	<0.2
1078915	Soil	15	22	0.33	165	0.062	1	1.06	0.007	0.09	2.7	0.05	1.7	0.2	<0.05	5	<0.5	<0.2
1078922	Soil	22	31	0.48	173	0.054	2	1.71	0.007	0.07	1.3	0.05	2.9	0.3	<0.05	6	0.7	<0.2
1078914	Soil	23	30	0.52	217	0.082	2	1.22	0.009	0.15	6.3	0.03	3.1	0.3	<0.05	5	<0.5	<0.2
1078535	Soil	19	26	0.45	115	0.047	<1	1.54	0.008	0.14	1.2	0.03	2.3	0.2	0.06	5	0.6	<0.2
1078537	Soil	16	21	0.49	104	0.021	<1	1.44	0.005	0.23	0.3	<0.01	3.0	0.2	<0.05	5	<0.5	<0.2
1078538	Soil	19	57	0.50	156	0.062	<1	1.67	0.008	0.21	1.5	0.03	3.4	0.4	0.08	7	2.9	0.5
1078533	Soil	46	18	0.32	115	0.035	1	1.22	0.005	0.09	3.5	0.02	2.5	0.2	<0.05	4	<0.5	<0.2
1078534	Soil	35	29	0.47	156	0.037	1	1.67	0.007	0.16	4.5	0.04	3.9	0.4	<0.05	5	0.9	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078549	Soil	1.0	200.8	14.2	31	2.0	7.6	3.6	125	11.40	5033	2.0	119.9	17.7	37	<0.1	56.1	22.5	45	0.01	0.082
1078541	Soil	2.3	116.4	18.1	60	0.3	29.6	11.1	252	4.75	515.5	2.7	6.2	8.0	36	0.2	89.4	1.5	55	0.06	0.069
1078539	Soil	1.2	65.0	9.8	69	<0.1	26.1	13.8	326	4.36	45.2	1.9	4.9	5.5	19	0.2	19.1	0.5	43	0.10	0.088
1078536	Soil	0.7	59.1	17.1	66	<0.1	29.0	17.6	373	3.41	129.4	2.4	6.4	9.1	26	0.2	22.9	0.9	31	0.08	0.044
1078543	Soil	1.7	130.8	12.8	59	0.3	65.0	18.8	297	5.77	646.9	3.3	49.0	10.9	32	0.1	145.1	2.0	57	0.04	0.078
1078540	Soil	0.9	65.9	8.6	54	<0.1	21.0	11.5	299	2.88	45.2	1.2	7.8	2.7	18	0.2	3.5	1.4	40	0.11	0.054
1078955	Soil	1.4	65.1	14.4	75	0.1	37.4	10.6	259	4.19	86.8	1.5	2.6	5.3	13	0.2	9.3	0.9	46	0.06	0.050
1078548	Soil	1.2	86.2	14.3	46	0.2	39.5	21.7	416	3.48	114.0	2.2	5.8	9.8	11	0.3	32.5	0.8	31	0.04	0.052
1078532	Soil	1.3	60.4	14.7	59	0.1	25.2	11.6	393	3.33	169.6	3.1	5.3	9.4	24	0.3	8.3	2.1	41	0.14	0.064
1078954	Soil	0.8	73.9	17.1	72	0.2	42.5	32.6	435	3.87	66.6	2.0	6.9	7.4	9	0.3	9.3	0.8	38	0.06	0.036
1078958	Soil	1.2	39.0	11.8	62	0.1	26.5	10.4	337	3.41	112.2	1.4	8.9	4.4	11	0.3	3.1	0.8	52	0.07	0.038
1078542	Soil	0.5	42.2	16.9	48	0.1	30.0	13.0	343	2.40	787.1	2.0	3.2	6.9	8	0.2	47.2	0.5	23	0.06	0.040
1078960	Soil	1.1	33.5	8.9	62	<0.1	26.2	10.2	269	2.75	31.4	1.4	17.9	4.5	19	0.3	1.1	0.5	44	0.16	0.069
1078961	Soil	1.2	39.3	13.5	63	0.1	28.3	10.4	276	3.02	61.9	1.6	6.0	4.8	18	0.1	1.8	1.3	39	0.09	0.052
1078544	Soil	1.1	117.9	19.4	50	0.3	28.7	10.8	224	5.90	182.0	3.4	10.7	12.2	30	0.3	47.1	1.1	36	0.04	0.104
1078965	Soil	0.8	27.5	10.3	57	<0.1	20.3	11.8	404	2.84	58.5	1.5	11.8	4.0	32	0.2	0.9	3.3	48	0.15	0.055
1078546	Soil	1.1	44.7	12.5	61	0.2	22.0	10.4	328	3.33	27.5	1.4	4.0	1.8	13	0.2	5.4	0.4	41	0.09	0.141
1078550	Soil	0.8	27.0	9.5	49	<0.1	15.8	7.4	219	2.55	25.7	0.8	3.9	2.7	12	0.2	1.2	0.3	40	0.07	0.052
1078966	Soil	0.7	22.6	10.6	54	<0.1	22.2	10.3	329	2.77	14.1	0.8	3.4	3.9	16	0.1	0.8	0.4	41	0.09	0.035
1078952	Soil	1.1	23.8	11.5	40	<0.1	18.7	4.9	191	2.62	31.4	0.9	1.9	2.2	8	0.1	5.3	0.3	44	0.05	0.041

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000163.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078549	Soil	16	36	0.45	166	0.102	1	1.25	0.077	0.79	0.4	0.04	4.6	0.9	1.02	7	2.4	0.2
1078541	Soil	24	38	0.54	142	0.055	1	2.04	0.028	0.39	0.2	0.04	4.3	0.6	0.20	6	0.9	<0.2
1078539	Soil	19	29	0.43	103	0.046	1	1.43	0.011	0.19	0.3	0.03	3.0	0.3	0.07	5	<0.5	<0.2
1078536	Soil	16	26	0.47	123	0.033	<1	1.84	0.006	0.24	0.3	0.01	2.9	0.3	<0.05	6	<0.5	<0.2
1078543	Soil	20	131	0.71	165	0.076	1	2.02	0.027	0.47	2.5	0.03	6.2	0.7	0.29	6	0.5	<0.2
1078540	Soil	14	25	0.38	117	0.046	1	1.24	0.015	0.10	0.5	0.04	2.2	0.2	0.09	4	<0.5	<0.2
1078955	Soil	20	27	0.41	119	0.063	<1	1.85	0.006	0.15	0.3	0.04	2.3	0.3	<0.05	6	<0.5	<0.2
1078548	Soil	18	22	0.28	105	0.034	<1	1.56	0.009	0.17	0.1	0.03	2.9	0.3	0.07	4	<0.5	<0.2
1078532	Soil	29	25	0.43	208	0.058	<1	1.53	0.010	0.19	1.5	0.03	2.9	0.3	0.08	5	0.6	<0.2
1078954	Soil	19	27	0.36	144	0.046	<1	1.53	0.004	0.14	0.2	0.03	2.5	0.4	<0.05	4	<0.5	<0.2
1078958	Soil	23	30	0.39	134	0.049	1	1.54	0.006	0.13	0.4	0.04	2.3	0.2	<0.05	5	<0.5	<0.2
1078542	Soil	20	20	0.31	104	0.023	<1	1.42	0.005	0.16	0.3	0.04	2.1	0.3	<0.05	4	0.6	<0.2
1078960	Soil	21	26	0.39	136	0.055	1	1.28	0.007	0.13	0.4	0.06	2.0	0.2	<0.05	4	<0.5	<0.2
1078961	Soil	17	25	0.45	149	0.042	1	1.52	0.006	0.14	0.6	0.03	2.1	0.2	<0.05	5	<0.5	<0.2
1078544	Soil	21	32	0.41	125	0.049	1	1.82	0.030	0.39	0.3	0.05	4.2	0.5	0.28	5	0.7	<0.2
1078965	Soil	17	23	0.52	176	0.058	<1	1.73	0.008	0.11	1.5	0.04	3.0	0.2	<0.05	5	<0.5	<0.2
1078546	Soil	15	26	0.32	78	0.030	1	1.51	0.008	0.09	0.2	0.07	1.6	0.2	0.08	5	0.9	<0.2
1078550	Soil	13	21	0.32	81	0.037	1	1.19	0.011	0.07	0.2	0.03	1.7	0.1	0.07	4	<0.5	<0.2
1078966	Soil	18	24	0.44	124	0.049	1	1.59	0.006	0.08	0.3	0.03	2.2	0.2	<0.05	4	<0.5	<0.2
1078952	Soil	16	22	0.25	74	0.033	<1	1.18	0.005	0.09	0.1	0.06	1.3	0.2	<0.05	5	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

QUALITY CONTROL REPORT DAW11000163.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1047399	Soil	1.5	24.2	11.1	49	0.1	14.3	6.0	287	2.37	40.7	1.1	1.7	0.6	8	0.2	16.6	0.4	50	0.06	0.054
REP 1047399	QC	1.5	26.2	11.6	48	0.2	15.7	6.1	296	2.51	41.4	1.1	2.8	0.6	9	0.2	16.9	0.4	51	0.06	0.059
1047413	Soil	1.7	28.2	16.9	38	0.5	21.2	6.2	152	2.72	70.8	1.3	3.0	1.4	8	0.1	5.3	0.6	45	0.06	0.058
REP 1047413	QC	1.6	30.2	16.0	39	0.5	20.6	6.3	166	2.89	73.5	1.4	6.5	1.4	8	0.2	5.2	0.6	47	0.06	0.064
1078637	Soil	0.9	29.4	10.1	49	0.1	20.2	7.2	198	2.53	102.9	1.1	10.6	2.1	10	0.2	4.2	0.7	39	0.08	0.049
REP 1078637	QC	0.9	30.2	10.2	51	0.1	20.2	7.8	204	2.60	102.3	1.3	3.2	2.1	11	0.3	4.4	0.8	41	0.09	0.049
1155548	Soil	2.0	13.6	11.4	30	0.6	7.4	6.5	489	1.59	124.4	3.2	<0.5	0.2	9	0.3	1.0	0.5	37	0.06	0.109
REP 1155548	QC	2.7	13.1	11.0	28	0.5	7.3	6.2	463	1.50	119.3	3.3	4.9	0.2	9	0.2	1.0	0.5	37	0.06	0.111
1043391	Soil	1.3	77.3	21.9	56	0.4	23.9	13.0	308	4.40	552.3	2.1	24.4	6.4	11	0.3	10.1	1.5	39	0.04	0.063
REP 1043391	QC	1.2	76.8	22.3	57	0.4	24.0	13.0	330	4.50	559.7	2.2	6.9	6.6	12	0.3	10.5	1.5	39	0.04	0.065
1078974	Soil	1.3	23.5	14.3	68	0.1	21.7	9.0	428	2.54	42.8	4.3	1.0	12.4	29	0.4	3.0	0.5	47	0.36	0.090
REP 1078974	QC	1.2	23.7	14.2	65	<0.1	21.9	8.8	422	2.52	42.2	4.3	10.8	11.8	28	0.3	3.0	0.5	48	0.37	0.093
1199388	Soil	1.1	43.6	11.6	64	0.3	30.0	10.0	323	3.12	69.5	2.7	9.7	8.0	26	0.2	13.3	0.5	56	0.23	0.083
REP 1199388	QC	0.9	43.1	12.1	63	0.3	28.8	10.1	316	3.07	68.1	2.8	11.5	8.0	26	0.2	12.9	0.5	56	0.22	0.082
1071005	Soil	1.2	161.4	57.8	92	1.8	18.8	17.1	791	4.45	5280	11.0	54.8	21.7	41	1.4	152.8	19.5	41	0.49	0.117
REP 1071005	QC	1.0	159.6	57.5	92	1.8	18.3	17.2	767	4.46	5407	11.4	65.4	22.1	41	1.5	152.1	18.3	40	0.47	0.119
1071018	Soil	1.6	38.7	12.0	56	<0.1	21.7	8.3	271	3.37	120.3	1.0	2.4	2.9	11	0.2	5.8	0.6	54	0.07	0.054
REP 1071018	QC	1.8	39.5	11.8	59	<0.1	20.6	8.7	275	3.47	121.9	1.2	6.6	2.9	11	0.2	5.5	0.6	54	0.08	0.056
1071025	Soil	1.1	29.1	14.9	49	0.3	21.7	7.1	189	2.75	75.7	1.1	4.0	2.0	11	0.3	9.1	0.4	34	0.09	0.044
REP 1071025	QC	1.0	29.1	15.2	47	0.2	21.7	6.8	187	2.80	77.8	1.2	1.5	2.3	11	0.4	9.6	0.4	30	0.09	0.049
1155510	Soil	1.7	63.9	12.3	66	0.9	17.1	6.9	322	2.42	231.1	5.4	16.4	7.3	27	0.2	31.8	2.0	47	0.34	0.070
REP 1155510	QC	2.0	66.6	13.5	67	0.9	16.2	6.7	304	2.28	230.0	5.6	19.5	7.3	26	0.2	33.9	2.0	48	0.34	0.069
1078916	Soil	1.8	17.2	12.6	61	0.2	16.1	7.6	339	2.53	205.1	2.3	5.7	4.4	14	0.3	2.4	1.7	43	0.12	0.050
REP 1078916	QC	1.8	16.9	12.6	60	0.2	15.7	7.5	347	2.54	207.5	2.3	10.4	4.6	14	0.3	2.3	1.7	44	0.13	0.055
1078952	Soil	1.1	23.8	11.5	40	<0.1	18.7	4.9	191	2.62	31.4	0.9	1.9	2.2	8	0.1	5.3	0.3	44	0.05	0.041
REP 1078952	QC	1.1	23.4	12.2	41	<0.1	19.0	5.2	194	2.78	31.9	1.0	3.7	2.3	8	0.1	5.5	0.3	44	0.04	0.043
Reference Materials																					
STD DS8	Standard	11.6	100.3	115.7	303	1.6	35.9	6.8	565	2.36	23.1	2.5	118.3	6.0	60	2.0	5.2	5.9	39	0.64	0.073

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Client: **Ryan Gold Corp.**
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Project: MAH
Report Date: August 28, 2011

QUALITY CONTROL REPORT DAW11000163.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1047399	Soil	14	26	0.25	70	0.024	1	1.30	0.008	0.07	0.5	0.06	0.9	0.2	<0.05	5	<0.5	<0.2
REP 1047399	QC	15	27	0.26	74	0.026	1	1.38	0.006	0.07	0.5	0.05	0.9	0.2	<0.05	5	<0.5	<0.2
1047413	Soil	14	26	0.22	138	0.019	2	1.54	0.005	0.09	0.6	0.07	1.6	0.2	<0.05	6	<0.5	<0.2
REP 1047413	QC	15	26	0.22	137	0.019	1	1.60	0.005	0.10	0.6	0.07	1.7	0.3	0.06	6	0.6	<0.2
1078637	Soil	16	22	0.30	92	0.032	2	1.23	0.005	0.08	0.7	0.03	1.6	0.2	<0.05	4	<0.5	<0.2
REP 1078637	QC	17	23	0.31	97	0.033	3	1.32	0.005	0.09	0.6	0.07	1.6	0.2	<0.05	4	<0.5	<0.2
1155548	Soil	13	15	0.16	97	0.011	2	1.03	0.006	0.04	0.4	0.06	0.5	0.2	0.12	4	<0.5	<0.2
REP 1155548	QC	13	15	0.16	100	0.015	4	1.04	0.007	0.05	0.3	0.04	0.7	0.3	0.14	4	<0.5	<0.2
1043391	Soil	17	28	0.40	111	0.044	1	1.64	0.011	0.21	0.2	0.05	2.3	0.4	0.14	5	1.0	<0.2
REP 1043391	QC	18	28	0.42	116	0.047	2	1.74	0.012	0.23	0.2	0.05	2.5	0.4	0.16	5	1.1	<0.2
1078974	Soil	25	30	0.50	154	0.075	1	1.13	0.007	0.09	1.0	0.04	2.9	0.2	<0.05	4	<0.5	<0.2
REP 1078974	QC	25	30	0.51	155	0.075	1	1.17	0.007	0.09	1.1	0.04	2.9	0.2	<0.05	4	<0.5	<0.2
1199388	Soil	24	41	0.65	229	0.091	2	1.88	0.009	0.23	0.7	0.03	4.0	0.3	<0.05	6	0.6	<0.2
REP 1199388	QC	24	41	0.64	229	0.093	1	1.89	0.009	0.24	0.8	0.03	4.1	0.3	<0.05	6	0.5	<0.2
1071005	Soil	51	29	0.52	285	0.037	1	1.36	0.008	0.17	2.2	0.01	7.5	0.5	<0.05	5	1.7	0.3
REP 1071005	QC	51	29	0.51	283	0.035	3	1.37	0.008	0.17	2.1	0.02	7.4	0.4	<0.05	5	1.9	0.3
1071018	Soil	17	29	0.30	99	0.041	2	1.62	0.009	0.10	0.4	0.05	2.1	0.2	<0.05	7	0.5	<0.2
REP 1071018	QC	17	28	0.32	103	0.044	<1	1.73	0.007	0.10	0.4	0.06	2.1	0.2	<0.05	7	1.0	<0.2
1071025	Soil	16	21	0.19	80	0.016	1	1.00	0.004	0.08	0.4	0.05	1.6	0.2	<0.05	4	0.6	<0.2
REP 1071025	QC	18	22	0.21	82	0.026	<1	1.10	0.004	0.08	0.5	0.06	1.8	0.2	<0.05	4	<0.5	<0.2
1155510	Soil	23	30	0.46	298	0.044	2	1.44	0.008	0.12	4.5	0.07	3.9	0.3	0.09	5	0.6	<0.2
REP 1155510	QC	22	29	0.43	284	0.052	5	1.43	0.009	0.13	5.2	0.06	4.0	0.3	0.15	5	0.8	<0.2
1078916	Soil	18	25	0.38	131	0.048	1	1.21	0.005	0.07	1.9	0.04	2.1	0.2	<0.05	5	<0.5	<0.2
REP 1078916	QC	18	25	0.40	132	0.047	2	1.26	0.006	0.07	2.2	0.04	2.1	0.2	<0.05	5	<0.5	<0.2
1078952	Soil	16	22	0.25	74	0.033	<1	1.18	0.005	0.09	0.1	0.06	1.3	0.2	<0.05	5	<0.5	<0.2
REP 1078952	QC	16	22	0.25	77	0.032	1	1.24	0.005	0.09	0.2	0.04	1.3	0.2	0.06	5	0.6	<0.2
Reference Materials																		
STD DS8	Standard	12	108	0.57	246	0.100	3	0.81	0.086	0.38	2.9	0.20	3.2	5.5	0.15	4	4.8	5.1

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Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

QUALITY CONTROL REPORT DAW11000163.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	14.0	119.8	124.8	316	1.7	39.9	7.8	663	2.49	25.6	3.0	116.8	7.2	66	2.5	6.0	7.0	46	0.71	0.081
STD DS8	Standard	14.5	106.1	121.9	294	1.8	38.0	7.6	576	2.32	24.9	2.7	106.7	6.6	62	2.4	5.0	6.0	43	0.69	0.074
STD DS8	Standard	14.9	119.0	119.8	329	1.9	42.3	8.5	632	2.55	27.4	2.7	119.8	6.6	65	2.4	5.6	6.3	45	0.70	0.079
STD DS8	Standard	13.0	104.4	117.5	302	1.7	36.3	7.0	579	2.37	21.7	2.6	116.5	6.7	67	2.5	5.4	5.6	41	0.68	0.077
STD DS8	Standard	14.4	120.9	118.0	317	2.0	41.1	8.1	625	2.45	26.0	2.7	120.4	6.8	64	2.5	5.7	6.5	41	0.71	0.082
STD DS8	Standard	13.4	117.3	121.4	318	1.8	39.7	8.0	638	2.55	26.4	2.8	132.1	7.1	69	2.7	5.8	6.8	44	0.71	0.083
STD DS8	Standard	14.5	116.6	126.2	332	1.9	40.0	8.1	665	2.64	26.7	3.0	114.0	7.5	76	2.3	5.8	6.8	46	0.79	0.088
STD DS8	Standard	13.1	112.6	126.1	318	1.8	38.3	7.6	612	2.45	26.1	2.8	116.0	7.0	69	2.4	5.9	6.9	44	0.70	0.079
STD DS8	Standard	12.6	111.7	124.5	321	1.8	38.7	7.8	618	2.47	25.1	2.8	116.5	7.2	66	2.2	5.8	5.9	42	0.66	0.082
STD DS8	Standard	12.9	106.5	122.8	305	1.7	38.0	7.3	598	2.45	24.6	2.7	99.2	6.6	60	2.1	5.4	5.9	41	0.67	0.077
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

QUALITY CONTROL REPORT DAW11000163.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	15	126	0.64	284	0.129	2	0.91	0.091	0.45	3.1	0.21	2.2	5.6	0.18	5	5.3	5.2
STD DS8	Standard	14	116	0.60	262	0.118	2	0.91	0.090	0.41	3.0	0.21	2.2	5.3	0.20	4	5.3	4.8
STD DS8	Standard	15	128	0.63	291	0.118	2	0.95	0.090	0.42	3.1	0.21	2.2	5.7	0.18	5	5.4	5.7
STD DS8	Standard	15	106	0.59	279	0.110	3	0.92	0.098	0.41	2.6	0.19	3.0	5.1	0.21	5	4.5	5.4
STD DS8	Standard	15	126	0.61	293	0.121	1	0.90	0.086	0.41	3.0	0.20	2.4	5.6	0.17	5	5.1	5.0
STD DS8	Standard	13	122	0.63	287	0.128	3	0.94	0.086	0.41	3.0	0.19	2.4	5.5	0.17	5	5.1	5.0
STD DS8	Standard	18	125	0.67	308	0.137	3	1.00	0.102	0.47	3.2	0.20	2.3	5.6	0.20	5	5.9	5.2
STD DS8	Standard	16	120	0.62	282	0.119	3	0.92	0.087	0.42	3.0	0.21	2.2	5.4	0.16	5	5.0	5.3
STD DS8	Standard	15	118	0.61	276	0.114	3	0.93	0.092	0.42	3.0	0.18	2.0	5.5	0.18	5	5.2	5.1
STD DS8	Standard	14	117	0.61	264	0.115	2	0.86	0.082	0.40	2.9	0.22	2.4	5.3	0.10	5	5.4	5.4
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 07, 2011
Report Date: August 30, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS DAW11000164.1

CLIENT JOB INFORMATION

Project: MAH
Shipment ID: MAH2011-01
P.O. Number
Number of Samples: 146

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	146	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	146	Dry at 60C			WHI
1DX2	146	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000164.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078962	Soil		0.7	29.1	8.6	57	<0.1	20.2	9.9	518	2.88	20.1	1.7	3.3	8.7	32	0.2	0.9	0.7	47	0.31	0.095
1078964	Soil		1.1	31.8	11.0	65	<0.1	28.5	14.3	406	3.12	31.7	1.6	7.1	4.8	25	0.2	1.0	1.0	44	0.12	0.059
1078957	Soil		1.4	39.7	13.1	75	<0.1	40.2	14.9	396	3.60	81.5	1.5	6.5	6.5	12	0.4	3.0	0.6	60	0.07	0.034
1078956	Soil		1.3	32.9	11.9	72	<0.1	23.4	8.3	306	3.48	84.8	1.2	5.0	3.9	11	0.3	2.9	1.0	54	0.06	0.039
1078545	Soil		0.8	119.7	14.7	65	0.2	40.8	30.1	485	6.62	125.1	4.0	16.0	10.2	28	0.3	61.5	0.6	25	0.03	0.092
1078547	Soil		2.2	85.8	13.7	44	0.3	26.4	9.2	275	3.89	481.1	2.1	6.5	5.8	17	0.3	20.5	1.7	38	0.04	0.064
1078963	Soil		0.9	24.8	10.3	60	0.1	23.2	10.6	341	2.58	27.1	1.3	21.0	3.8	14	0.2	0.8	0.8	39	0.09	0.050
1078959	Soil		0.6	70.0	11.9	53	0.4	26.2	13.9	372	3.76	184.0	3.6	35.5	9.0	27	0.1	1.9	5.3	77	0.17	0.066
1078951	Soil		0.9	34.7	9.4	55	<0.1	24.4	13.3	306	3.01	34.5	0.9	17.2	4.3	12	0.2	3.3	0.2	36	0.07	0.038
1078953	Soil		1.2	46.8	12.9	53	0.2	26.7	7.9	244	3.40	41.1	1.4	18.8	5.4	8	<0.1	9.4	0.5	46	0.05	0.035
1198863	Soil		1.5	100.3	9.8	64	0.2	29.0	15.1	266	3.78	103.5	1.8	5.7	6.6	18	0.4	41.7	0.3	47	0.12	0.073
1198865	Soil		1.1	28.5	11.2	59	0.1	20.5	10.2	291	2.91	49.0	1.2	40.2	3.2	12	0.2	10.0	0.6	44	0.08	0.062
1198864	Soil		0.3	60.7	10.1	63	0.2	27.6	7.8	158	4.85	173.5	2.8	4.5	10.5	8	0.2	316.9	0.3	27	0.07	0.039
1198867	Soil		0.5	61.7	11.2	51	0.4	29.1	18.4	251	2.73	310.8	1.8	12.1	8.6	13	0.8	47.2	0.7	25	0.09	0.054
1198868	Soil		0.6	62.1	12.2	52	0.4	29.0	19.4	272	2.85	316.2	1.9	15.1	9.3	13	0.9	49.8	0.7	26	0.10	0.060
1198866	Soil		0.9	56.2	10.9	61	0.1	26.5	14.9	314	3.54	144.8	1.9	26.0	7.3	14	0.3	16.9	0.6	38	0.11	0.073
1198874	Soil		1.5	39.0	17.9	58	0.3	14.9	6.1	373	3.28	49.6	1.5	4.4	0.8	10	0.3	10.7	0.9	46	0.06	0.091
1198857	Soil		2.0	104.2	13.0	51	0.3	24.5	9.0	201	3.75	192.4	3.2	11.6	7.0	26	<0.1	96.4	2.4	47	0.08	0.070
1198869	Soil		1.1	169.3	10.8	67	0.6	31.5	20.3	497	3.53	811.8	2.3	11.6	5.5	14	0.3	8.7	0.7	44	0.13	0.078
1198873	Soil		1.5	52.5	21.5	55	0.2	23.6	8.4	254	3.85	51.2	1.7	11.5	4.2	9	0.2	15.1	0.6	40	0.05	0.056
1198861	Soil		1.5	102.4	16.1	63	0.5	28.1	20.5	416	4.44	454.5	2.8	37.6	8.5	23	0.3	37.1	2.6	45	0.12	0.090
1198851	Soil		1.4	89.0	19.0	55	0.2	31.4	14.4	363	3.14	336.9	3.4	19.5	9.9	26	0.3	11.6	1.8	43	0.10	0.058
1198870	Soil		1.1	56.2	12.7	49	0.2	20.1	7.4	225	3.29	221.2	1.4	12.0	2.8	12	0.2	17.3	2.7	43	0.04	0.047
1198872	Soil		1.3	35.4	13.3	30	0.2	12.8	3.2	130	2.33	56.3	1.6	4.2	0.5	10	0.1	7.6	0.6	30	0.04	0.106
1198852	Soil		1.1	57.8	21.2	66	0.2	27.8	18.6	408	3.21	263.5	3.2	9.0	8.6	24	0.7	20.4	2.0	34	0.13	0.057
1198871	Soil		1.3	50.8	17.2	59	0.2	23.2	14.8	394	3.80	64.7	2.5	19.1	3.7	16	0.2	15.2	1.1	35	0.05	0.055
1198855	Soil		1.2	77.2	10.1	47	0.3	22.1	8.6	186	3.25	131.3	2.4	14.9	6.4	21	0.1	46.6	2.1	40	0.10	0.055
1198854	Soil		1.0	95.8	11.7	51	0.2	25.8	12.3	236	3.40	183.2	3.2	16.7	8.4	22	0.2	44.1	2.6	40	0.12	0.058
1198853	Soil		1.2	98.5	14.2	60	0.2	30.8	14.6	334	3.60	183.5	3.9	53.4	9.0	35	0.1	30.2	3.5	44	0.18	0.062
1198859	Soil		1.2	39.4	13.7	45	<0.1	16.3	6.0	184	2.98	140.2	1.5	10.8	2.7	11	0.1	17.7	0.9	44	0.05	0.049

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000164.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078962	Soil		24	21	0.72	276	0.090	1	1.94	0.010	0.29	0.3	0.02	4.7	0.3	<0.05	6	<0.5	<0.2
1078964	Soil		22	26	0.55	146	0.058	1	1.93	0.007	0.17	0.6	0.03	2.4	0.3	<0.05	5	<0.5	<0.2
1078957	Soil		20	34	0.49	236	0.071	1	1.91	0.006	0.18	0.5	0.05	3.2	0.3	<0.05	6	0.5	<0.2
1078956	Soil		21	29	0.41	138	0.045	1	1.66	0.006	0.12	0.2	0.05	2.2	0.3	<0.05	6	<0.5	<0.2
1078545	Soil		18	20	0.35	97	0.016	1	1.54	0.019	0.21	0.2	0.04	2.9	0.4	0.14	4	<0.5	<0.2
1078547	Soil		20	35	0.40	140	0.040	<1	1.80	0.017	0.26	0.3	0.06	2.8	0.4	0.19	5	0.7	<0.2
1078963	Soil		18	23	0.47	150	0.040	1	1.64	0.007	0.10	0.5	0.03	2.2	0.2	<0.05	4	<0.5	<0.2
1078959	Soil		20	28	0.90	444	0.157	<1	3.06	0.010	0.54	3.2	0.02	7.5	0.6	<0.05	10	<0.5	<0.2
1078951	Soil		13	21	0.41	92	0.038	3	1.27	0.009	0.08	0.3	0.03	2.1	0.2	<0.05	3	<0.5	<0.2
1078953	Soil		20	26	0.41	102	0.052	1	1.66	0.006	0.14	0.2	0.04	2.5	0.3	<0.05	5	<0.5	<0.2
1198863	Soil		17	30	0.42	111	0.051	<1	1.47	0.018	0.15	0.5	0.03	2.8	0.3	0.10	4	0.7	<0.2
1198865	Soil		17	24	0.32	96	0.042	2	1.39	0.007	0.10	0.6	0.06	1.9	0.2	<0.05	4	<0.5	<0.2
1198864	Soil		18	25	0.29	113	0.074	<1	1.30	0.005	0.29	2.3	0.02	3.4	0.3	<0.05	5	<0.5	<0.2
1198867	Soil		17	16	0.17	94	0.019	<1	0.96	0.003	0.06	0.2	0.02	2.3	0.3	<0.05	3	0.6	<0.2
1198868	Soil		18	17	0.19	101	0.022	1	1.09	0.003	0.07	0.2	0.03	2.4	0.3	<0.05	3	<0.5	<0.2
1198866	Soil		18	23	0.33	86	0.041	1	1.16	0.009	0.10	0.8	0.04	2.3	0.2	0.07	4	0.6	<0.2
1198874	Soil		16	24	0.20	133	0.021	2	1.22	0.007	0.13	0.2	0.10	1.0	0.4	0.14	5	0.6	<0.2
1198857	Soil		22	40	0.52	152	0.045	<1	1.81	0.012	0.27	1.0	0.03	3.7	0.5	0.14	6	1.3	<0.2
1198869	Soil		21	25	0.37	128	0.036	1	1.38	0.006	0.08	1.3	0.04	2.7	0.2	<0.05	4	1.0	<0.2
1198873	Soil		22	24	0.29	68	0.034	1	1.22	0.006	0.11	0.4	0.04	2.1	0.3	0.05	4	0.5	<0.2
1198861	Soil		20	29	0.44	126	0.046	1	1.55	0.018	0.21	3.9	0.08	3.6	0.5	0.13	5	0.8	<0.2
1198851	Soil		27	31	0.56	156	0.062	<1	1.85	0.007	0.27	2.7	0.02	3.4	0.4	<0.05	6	0.5	<0.2
1198870	Soil		16	26	0.35	126	0.042	2	1.59	0.014	0.16	0.4	0.07	2.0	0.3	0.12	5	0.6	<0.2
1198872	Soil		14	20	0.15	81	0.012	2	1.26	0.006	0.09	0.2	0.09	0.9	0.3	0.15	4	0.9	<0.2
1198852	Soil		22	24	0.43	134	0.044	<1	1.41	0.007	0.18	1.8	0.02	2.8	0.3	<0.05	4	<0.5	<0.2
1198871	Soil		21	21	0.29	107	0.017	2	1.39	0.007	0.09	0.5	0.06	2.3	0.4	0.07	4	0.5	<0.2
1198855	Soil		19	33	0.51	131	0.049	<1	1.56	0.010	0.23	1.9	0.03	3.3	0.4	0.10	5	0.7	<0.2
1198854	Soil		21	34	0.56	145	0.048	1	1.65	0.010	0.26	1.4	0.03	3.5	0.4	0.10	6	0.9	<0.2
1198853	Soil		25	37	0.65	171	0.051	<1	2.11	0.010	0.26	1.3	0.03	4.0	0.4	<0.05	7	0.8	<0.2
1198859	Soil		14	25	0.25	67	0.044	1	1.10	0.006	0.07	0.7	0.05	1.9	0.3	0.08	5	0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000164.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1198858	Soil		1.8	121.9	11.7	45	0.3	21.7	8.1	169	3.37	200.7	3.0	17.6	8.0	24	<0.1	58.2	2.6	43	0.09	0.062
1198856	Soil		0.8	64.0	10.7	53	0.1	31.0	13.6	317	3.38	199.5	2.7	10.9	8.3	19	0.1	60.0	1.7	38	0.10	0.051
1198862	Soil		3.3	105.6	15.1	64	0.2	33.5	6.8	266	4.65	63.7	1.8	4.0	5.2	42	<0.1	10.0	0.4	82	0.05	0.066
1198860	Soil		2.0	113.4	13.8	57	0.3	42.8	15.0	277	4.66	220.9	2.8	5.7	8.7	43	0.1	19.2	0.5	70	0.06	0.095
1198875	Soil		1.1	76.8	122.8	164	1.3	32.4	11.0	335	4.46	378.0	3.5	11.1	6.1	15	3.5	62.8	11.4	43	0.12	0.078
1198876	Soil		1.2	47.5	15.1	71	0.1	31.3	12.5	376	3.27	126.4	1.3	16.1	4.8	14	0.4	4.0	0.8	45	0.08	0.044
1198877	Soil		1.6	94.6	14.5	74	0.7	44.4	26.8	644	3.94	265.9	2.5	45.4	6.9	16	0.7	17.8	1.1	47	0.09	0.063
1198878	Soil		1.0	68.1	13.2	67	0.2	43.6	22.2	522	3.50	163.5	2.0	8.2	7.3	19	0.3	3.2	1.3	51	0.14	0.068
1198879	Soil		1.0	27.5	10.1	62	0.1	22.6	9.5	380	2.90	99.3	0.9	18.4	2.5	10	0.2	1.7	0.5	46	0.07	0.047
1198880	Soil		1.0	44.2	9.3	57	0.2	28.6	13.9	367	3.02	118.0	1.4	11.1	6.0	15	0.2	1.8	0.7	41	0.09	0.045
1198881	Soil		1.1	47.7	9.7	65	0.2	31.5	13.1	338	3.18	117.5	1.6	5.0	6.1	13	0.8	2.6	1.3	43	0.10	0.052
1198882	Soil		1.3	31.1	10.4	61	0.2	26.1	9.7	296	2.95	37.0	1.3	8.6	2.9	15	0.5	1.1	0.6	47	0.10	0.060
1071107	Soil		1.4	14.0	10.5	57	0.1	16.4	7.5	427	2.33	77.0	3.9	13.1	1.9	19	0.9	2.1	0.8	45	0.18	0.064
1071110	Soil		1.1	16.6	7.2	51	0.1	15.9	5.3	165	1.77	21.3	4.0	8.6	6.5	17	0.3	1.3	0.4	35	0.23	0.075
1071109	Soil		1.0	15.2	9.9	49	0.1	14.2	6.6	219	2.56	52.9	3.9	26.4	5.1	15	0.3	1.7	0.6	39	0.20	0.076
1071108	Soil		1.2	13.8	10.6	54	0.1	14.8	6.0	167	1.87	36.3	3.5	10.8	2.3	16	0.4	1.7	0.6	40	0.17	0.062
1198886	Soil		2.5	16.2	13.4	44	0.3	13.7	5.8	173	2.94	166.6	2.2	4.3	3.5	17	0.6	1.5	1.2	55	0.16	0.054
1071106	Soil		1.1	15.8	11.4	57	0.2	18.5	7.2	348	2.37	66.6	3.1	6.0	2.7	20	0.3	1.6	0.7	44	0.18	0.063
1071101	Soil		3.0	21.6	12.6	58	0.2	16.4	8.2	362	2.56	298.4	7.2	5.0	2.4	27	0.1	2.3	1.4	52	0.29	0.064
1198883	Soil		3.6	22.8	13.3	53	0.3	14.6	7.9	399	2.47	183.1	6.2	7.6	4.5	20	0.3	4.7	2.4	47	0.18	0.062
1198888	Soil		2.6	18.9	10.8	51	0.2	14.5	8.2	591	2.47	311.4	6.4	3.3	1.7	20	0.1	1.9	1.2	48	0.17	0.057
1199379	Soil		1.1	28.9	12.3	50	0.2	17.2	8.0	293	2.62	57.0	1.7	10.5	2.5	11	0.6	4.0	0.6	43	0.10	0.049
1198884	Soil		1.3	16.8	8.9	55	<0.1	16.1	7.3	251	2.20	56.0	2.4	2.9	3.7	16	0.4	2.1	0.7	40	0.18	0.059
1071105	Soil		1.0	17.6	10.2	61	<0.1	18.1	8.0	312	2.31	66.2	2.6	77.8	7.3	16	0.4	1.7	0.7	42	0.21	0.077
1198885	Soil		1.3	16.1	7.4	52	<0.1	15.6	6.8	298	1.97	58.5	3.0	3.2	6.1	19	0.1	1.6	0.5	37	0.26	0.078
1199375	Soil		1.0	12.9	9.5	30	0.1	9.8	4.1	123	1.99	14.2	0.7	3.4	2.5	6	0.4	1.1	0.4	38	0.07	0.037
1199376	Soil		1.3	29.8	11.3	55	0.2	22.0	8.2	266	2.59	42.4	2.5	8.3	3.7	25	0.3	2.8	0.7	41	0.22	0.075
1071104	Soil		1.0	12.8	9.8	61	<0.1	14.8	8.1	435	2.37	65.2	2.3	10.4	5.6	15	0.2	1.4	0.4	43	0.17	0.074
1071103	Soil		1.4	14.3	10.4	55	0.1	15.6	7.3	233	2.13	43.2	5.6	4.8	3.4	23	0.2	2.7	0.7	38	0.22	0.059
1071102	Soil		2.4	16.0	8.7	50	0.2	13.1	6.0	238	1.91	144.6	7.4	5.2	2.0	22	0.2	2.5	0.9	37	0.22	0.064

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Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000164.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1198858	Soil		21	36	0.48	160	0.045	1	1.69	0.014	0.29	0.5	0.02	4.4	0.6	0.17	5	1.2	<0.2
1198856	Soil		20	32	0.52	157	0.057	1	1.63	0.009	0.33	1.1	0.02	3.4	0.4	0.05	5	<0.5	<0.2
1198862	Soil		18	48	0.85	238	0.117	<1	2.77	0.031	0.52	0.9	0.04	6.4	0.6	0.24	8	<0.5	<0.2
1198860	Soil		26	43	0.75	169	0.076	1	2.59	0.024	0.45	1.1	0.04	5.5	0.8	0.18	8	0.7	<0.2
1198875	Soil		27	30	0.31	203	0.028	<1	1.27	0.005	0.12	0.9	0.05	4.6	0.4	<0.05	4	0.7	<0.2
1198876	Soil		18	29	0.45	176	0.044	1	1.68	0.008	0.11	0.5	0.06	2.4	0.3	0.09	4	0.5	<0.2
1198877	Soil		21	33	0.46	176	0.053	3	1.74	0.009	0.17	0.8	0.09	3.4	0.3	0.08	5	0.6	<0.2
1198878	Soil		19	30	0.50	217	0.079	2	1.91	0.008	0.28	1.2	0.03	3.5	0.3	<0.05	6	0.6	<0.2
1198879	Soil		17	27	0.33	90	0.045	3	1.38	0.006	0.10	0.5	0.06	1.6	0.2	<0.05	4	<0.5	<0.2
1198880	Soil		20	27	0.42	164	0.059	2	1.54	0.007	0.19	0.5	0.04	2.9	0.3	<0.05	5	<0.5	<0.2
1198881	Soil		21	30	0.45	209	0.056	3	1.90	0.007	0.17	1.0	0.04	2.9	0.3	<0.05	5	<0.5	<0.2
1198882	Soil		16	29	0.41	179	0.042	3	1.65	0.006	0.11	0.4	0.04	2.0	0.2	<0.05	5	<0.5	<0.2
1071107	Soil		18	29	0.43	168	0.037	3	1.45	0.008	0.06	0.7	0.03	2.6	0.2	0.07	5	<0.5	<0.2
1071110	Soil		20	24	0.40	104	0.065	2	1.04	0.006	0.08	0.9	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1071109	Soil		21	26	0.38	127	0.046	3	1.22	0.007	0.08	1.0	0.05	3.0	0.2	<0.05	4	<0.5	<0.2
1071108	Soil		18	26	0.41	133	0.036	3	1.40	0.006	0.06	0.7	0.02	2.3	0.2	0.07	5	<0.5	<0.2
1198886	Soil		12	28	0.31	147	0.042	2	1.63	0.007	0.07	1.3	0.07	2.1	0.2	0.06	6	<0.5	<0.2
1071106	Soil		18	29	0.42	177	0.041	2	1.43	0.008	0.07	0.9	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1071101	Soil		27	30	0.41	259	0.043	2	1.71	0.009	0.07	1.2	0.05	2.8	0.3	<0.05	6	<0.5	<0.2
1198883	Soil		31	26	0.39	248	0.041	3	1.47	0.008	0.07	1.9	0.06	3.6	0.3	<0.05	5	<0.5	<0.2
1198888	Soil		23	28	0.38	225	0.036	1	1.52	0.007	0.06	1.0	0.05	2.2	0.3	0.06	5	<0.5	<0.2
1199379	Soil		15	24	0.38	161	0.026	2	1.43	0.007	0.07	0.6	0.03	2.8	0.2	<0.05	4	<0.5	<0.2
1198884	Soil		18	22	0.36	147	0.045	2	1.15	0.006	0.07	1.6	0.02	2.1	0.2	<0.05	4	<0.5	<0.2
1071105	Soil		21	28	0.41	132	0.069	3	1.30	0.008	0.10	2.3	0.03	2.6	0.2	<0.05	4	<0.5	<0.2
1198885	Soil		21	23	0.38	155	0.062	1	1.00	0.008	0.08	4.4	0.02	2.2	0.2	0.05	3	<0.5	<0.2
1199375	Soil		10	20	0.17	59	0.027	2	1.42	0.005	0.03	0.3	0.04	1.6	0.2	<0.05	4	<0.5	<0.2
1199376	Soil		23	27	0.39	221	0.041	3	1.42	0.008	0.10	0.6	0.05	2.4	0.2	0.06	4	<0.5	<0.2
1071104	Soil		19	25	0.40	123	0.056	1	1.38	0.006	0.08	1.6	0.03	2.3	0.2	<0.05	4	<0.5	<0.2
1071103	Soil		22	26	0.44	186	0.042	3	1.55	0.006	0.08	0.7	0.03	2.6	0.2	<0.05	4	0.6	<0.2
1071102	Soil		25	24	0.38	211	0.037	2	1.28	0.008	0.05	0.7	0.04	2.2	0.3	0.08	5	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1199377	Soil	0.8	21.3	8.9	54	0.1	17.1	7.5	303	2.18	31.5	1.5	4.6	5.9	15	0.3	1.8	0.4	35	0.16	0.061
1199380	Soil	1.1	17.7	8.7	52	<0.1	16.8	7.4	330	2.13	25.3	2.3	6.7	4.7	19	0.3	2.6	0.8	37	0.21	0.067
1199378	Soil	0.9	23.3	9.4	54	0.2	17.6	6.8	302	2.28	32.5	1.6	3.3	2.9	13	0.3	2.1	0.4	39	0.13	0.062
1199382	Soil	1.1	17.8	7.6	53	<0.1	16.2	6.0	231	2.09	20.5	2.2	50.5	1.7	14	0.3	3.1	0.9	37	0.12	0.059
1199367	Soil	0.9	25.0	9.4	48	0.1	11.5	6.2	403	2.34	71.9	2.2	3.1	2.3	14	0.7	7.0	0.5	44	0.12	0.073
1199365	Soil	1.0	34.0	9.6	67	<0.1	19.5	9.1	406	2.43	69.2	3.4	7.1	8.3	17	0.5	3.3	0.7	48	0.17	0.072
1199368	Soil	1.1	33.0	9.9	62	0.2	20.5	8.5	421	2.71	89.6	2.0	4.1	2.3	11	0.3	19.2	0.4	42	0.11	0.072
1198887	Soil	1.3	10.0	8.1	28	0.1	7.5	3.2	158	1.02	83.8	3.1	2.4	0.3	15	0.2	0.9	0.7	27	0.16	0.059
1199364	Soil	0.9	14.7	10.5	50	0.1	16.6	7.1	250	2.48	25.2	0.9	2.4	6.4	10	0.4	1.0	0.2	43	0.10	0.027
1199369	Soil	1.4	48.2	13.1	72	0.2	30.5	11.8	551	2.95	141.8	2.2	4.2	1.9	13	0.4	23.9	0.7	48	0.08	0.070
1199372	Soil	0.9	32.4	9.1	56	0.2	19.4	7.4	309	2.41	79.2	1.6	6.8	4.4	14	0.2	5.0	0.6	37	0.17	0.069
1199370	Soil	0.9	45.6	10.1	64	0.2	26.5	9.7	385	2.60	64.7	2.0	10.6	5.4	13	0.4	7.4	0.5	39	0.11	0.064
1199371	Soil	0.8	28.9	8.9	57	0.1	20.9	7.4	281	2.34	45.1	1.5	5.0	4.6	13	0.3	5.8	0.3	38	0.17	0.066
1199373	Soil	0.7	25.2	7.8	57	0.1	21.9	7.7	283	2.33	24.6	1.6	7.4	7.4	17	0.4	2.4	0.3	42	0.25	0.094
1199374	Soil	1.2	26.0	14.9	52	<0.1	20.4	9.4	306	2.85	35.5	1.8	4.8	2.9	11	0.2	3.1	0.6	50	0.08	0.053
1199381	Soil	0.9	19.0	9.0	55	<0.1	17.2	7.5	279	2.19	19.2	1.9	4.3	4.5	12	0.2	4.3	0.4	36	0.15	0.056
1199355	Soil	1.3	313.5	10.6	71	0.5	24.9	12.9	364	2.88	713.8	12.1	10.9	10.5	49	0.4	7.5	5.6	46	0.25	0.091
1199354	Soil	1.2	67.2	11.1	78	0.3	24.8	11.5	398	2.64	742.9	4.3	13.0	9.5	31	0.6	3.4	3.5	45	0.29	0.113
1199356	Soil	1.3	44.8	12.7	62	0.2	21.6	10.1	251	2.76	159.8	1.3	1.1	4.8	13	0.1	1.3	1.1	54	0.15	0.047
1199359	Soil	1.5	275.4	33.4	62	0.7	16.0	11.3	799	3.54	2671	11.9	21.1	19.4	21	0.4	43.6	6.1	20	0.30	0.103
1199363	Soil	1.9	55.9	11.4	70	0.4	17.8	7.7	292	2.74	150.8	6.1	2.1	10.8	27	0.2	13.6	1.5	53	0.39	0.061
1199353	Soil	1.2	177.9	25.1	76	1.0	21.2	10.8	433	2.76	925.9	9.6	25.2	11.3	28	0.7	17.4	6.7	45	0.27	0.098
1199366	Soil	0.8	27.3	9.3	60	<0.1	18.8	8.7	314	2.40	58.0	2.0	1.1	9.8	16	0.3	4.8	0.6	47	0.20	0.067
1199358	Soil	1.2	65.6	10.0	66	0.3	23.7	10.8	413	2.52	25.4	3.1	1.2	7.7	22	0.2	3.1	1.4	43	0.27	0.082
1199352	Soil	2.1	211.8	53.2	101	1.3	23.4	14.1	535	3.82	1191	23.6	100.8	15.7	45	1.6	65.7	18.7	47	0.33	0.115
1199360	Soil	1.1	76.6	8.7	62	0.3	20.2	8.5	290	2.28	160.0	2.7	2.4	7.5	16	0.2	2.8	1.2	39	0.22	0.075
1199357	Soil	1.2	111.6	10.5	55	0.4	17.4	10.1	421	2.50	233.8	2.8	2.7	5.5	18	0.3	7.1	1.4	38	0.25	0.077
1199361	Soil	0.9	59.7	8.5	55	0.2	19.6	8.4	332	2.35	104.6	3.2	2.8	9.1	17	0.3	4.0	0.7	44	0.23	0.071
1199351	Soil	1.2	664.5	22.5	88	2.2	27.7	16.7	668	4.99	3181	8.7	172.9	11.6	79	0.9	200.8	35.0	46	0.51	0.109
1199362	Soil	0.9	60.5	8.7	57	0.2	19.4	8.4	344	2.34	107.0	3.1	17.0	9.5	17	0.2	3.9	0.7	46	0.23	0.071

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000164.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1199377	Soil		18	20	0.33	125	0.042	3	0.96	0.006	0.07	0.5	0.02	2.4	0.1	<0.05	3	<0.5	<0.2
1199380	Soil		18	23	0.39	149	0.047	3	1.18	0.006	0.08	0.7	0.02	2.3	0.2	<0.05	4	<0.5	<0.2
1199378	Soil		15	23	0.38	128	0.033	2	1.28	0.005	0.07	0.6	0.02	2.1	0.2	<0.05	4	0.6	<0.2
1199382	Soil		16	23	0.39	135	0.041	2	1.19	0.006	0.07	0.6	0.02	1.8	0.2	<0.05	4	<0.5	<0.2
1199367	Soil		17	27	0.31	112	0.044	1	1.58	0.005	0.08	1.0	0.04	1.6	0.2	0.06	6	<0.5	<0.2
1199365	Soil		27	31	0.47	187	0.082	2	1.65	0.009	0.11	4.4	0.03	2.5	0.3	<0.05	5	<0.5	<0.2
1199368	Soil		18	26	0.36	118	0.037	2	1.43	0.006	0.08	1.9	0.03	1.9	0.2	<0.05	4	<0.5	<0.2
1198887	Soil		13	15	0.17	120	0.020	1	0.89	0.007	0.04	0.7	0.04	0.7	0.2	0.08	4	0.7	<0.2
1199364	Soil		14	26	0.38	112	0.052	2	1.58	0.006	0.06	1.3	0.04	1.8	0.2	<0.05	4	<0.5	<0.2
1199369	Soil		18	38	0.43	158	0.035	2	1.94	0.007	0.10	0.7	0.04	2.6	0.3	<0.05	6	<0.5	<0.2
1199372	Soil		17	22	0.36	143	0.037	3	1.09	0.006	0.07	1.1	0.04	2.3	0.2	<0.05	3	<0.5	<0.2
1199370	Soil		21	27	0.38	148	0.045	1	1.35	0.007	0.10	0.7	0.03	2.6	0.2	<0.05	4	<0.5	<0.2
1199371	Soil		19	22	0.28	126	0.031	1	0.94	0.005	0.06	0.6	0.01	2.0	0.1	<0.05	3	<0.5	<0.2
1199373	Soil		21	23	0.30	115	0.047	<1	0.90	0.005	0.07	0.9	0.03	2.0	0.1	<0.05	3	<0.5	<0.2
1199374	Soil		18	29	0.39	136	0.030	2	1.72	0.006	0.07	0.5	0.03	2.4	0.2	<0.05	6	<0.5	<0.2
1199381	Soil		19	23	0.39	120	0.041	1	1.22	0.005	0.06	0.6	0.02	2.2	0.1	<0.05	4	0.6	<0.2
1199355	Soil		32	30	0.49	191	0.064	2	1.57	0.009	0.11	6.2	0.03	2.9	0.3	<0.05	5	1.1	<0.2
1199354	Soil		25	28	0.51	181	0.056	<1	1.62	0.007	0.09	2.0	0.04	2.5	0.2	<0.05	5	0.7	<0.2
1199356	Soil		16	27	0.43	111	0.053	1	1.75	0.006	0.06	1.3	0.03	2.2	0.1	<0.05	6	1.1	<0.2
1199359	Soil		46	14	0.18	178	0.004	3	0.85	0.004	0.11	1.8	0.02	7.9	0.3	<0.05	2	1.1	<0.2
1199363	Soil		28	39	0.53	215	0.071	2	1.54	0.008	0.13	2.9	0.03	5.1	0.3	<0.05	6	0.9	<0.2
1199353	Soil		34	29	0.51	174	0.066	2	1.44	0.008	0.11	6.1	0.05	3.0	0.3	<0.05	5	1.2	<0.2
1199366	Soil		23	29	0.46	158	0.083	2	1.39	0.007	0.10	3.0	0.02	2.3	0.3	<0.05	5	0.6	<0.2
1199358	Soil		26	27	0.47	156	0.060	3	1.35	0.008	0.08	3.2	0.02	2.7	0.2	<0.05	4	0.5	<0.2
1199352	Soil		49	34	0.61	164	0.070	3	1.45	0.011	0.16	4.4	0.05	4.8	0.4	<0.05	5	1.2	0.2
1199360	Soil		20	25	0.41	128	0.051	2	1.26	0.006	0.07	2.4	0.02	2.2	0.2	<0.05	4	0.7	<0.2
1199357	Soil		24	25	0.43	105	0.043	3	1.16	0.007	0.09	1.5	0.03	2.5	0.2	<0.05	4	0.7	<0.2
1199361	Soil		26	30	0.46	173	0.068	2	1.21	0.009	0.09	2.7	0.03	2.7	0.2	<0.05	4	0.8	<0.2
1199351	Soil		39	31	0.70	278	0.041	2	2.05	0.015	0.10	3.1	0.03	4.3	0.3	<0.05	7	2.2	0.5
1199362	Soil		27	31	0.47	182	0.070	1	1.24	0.007	0.09	3.1	0.03	2.6	0.2	<0.05	4	0.7	<0.2

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Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000164.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1095351	Soil		0.9	169.1	20.8	82	1.1	19.1	10.8	560	3.34	850.0	5.4	65.2	6.8	58	0.8	56.0	16.9	44	0.77	0.086
1095352	Soil		1.0	249.3	13.3	75	1.1	19.8	10.9	418	3.24	2480	4.7	179.9	9.3	37	0.5	53.2	26.1	39	0.53	0.093
1095353	Soil		1.2	119.6	13.2	77	0.4	23.0	10.8	442	2.75	468.2	6.1	20.4	9.8	24	0.4	37.2	4.2	48	0.26	0.084
1095354	Soil		1.0	123.9	10.1	79	0.5	22.4	9.4	390	2.48	608.9	3.5	29.0	5.5	17	0.4	1.7	4.9	49	0.19	0.078
1095355	Soil		1.0	62.5	8.2	56	0.1	18.9	7.9	265	2.12	270.4	1.3	4.5	3.1	16	0.2	1.3	1.6	41	0.19	0.059
1095356	Soil		1.1	200.4	19.4	68	0.6	20.5	10.8	272	2.62	512.1	4.7	1.7	8.8	24	0.5	9.0	1.8	44	0.28	0.079
1095357	Soil		1.6	136.8	31.5	80	0.9	17.3	10.5	232	3.53	700.9	10.0	18.7	20.5	27	0.4	46.9	5.9	43	0.26	0.100
1095358	Soil		1.4	81.3	9.6	68	0.3	21.8	8.9	351	2.49	217.2	6.1	5.7	10.5	21	0.3	8.6	1.4	49	0.30	0.088
1095359	Soil		2.0	117.4	13.9	73	1.3	21.8	8.2	375	3.13	326.6	10.5	7.3	5.6	34	0.1	13.2	2.2	52	0.58	0.101
1095360	Soil		1.0	35.7	10.5	55	0.2	17.6	7.8	288	2.37	64.4	2.4	2.1	7.6	18	0.2	4.7	0.7	44	0.23	0.072
1095361	Soil		1.3	39.5	9.2	63	0.1	20.3	8.3	331	2.33	59.7	4.4	5.3	9.7	16	0.2	2.2	0.6	48	0.22	0.074
1095362	Soil		1.3	39.2	9.1	62	<0.1	19.5	7.9	317	2.32	58.5	4.7	1.6	9.2	16	0.2	2.2	0.6	49	0.20	0.073
1095375	Soil		1.1	27.0	10.6	53	0.2	18.6	7.6	252	2.45	52.2	3.6	4.7	3.9	23	0.2	3.0	0.9	46	0.15	0.065
1095377	Soil		0.9	18.6	8.6	59	<0.1	17.2	7.3	313	2.12	26.4	2.0	2.3	6.3	18	0.2	1.9	0.5	34	0.23	0.071
1095378	Soil		1.1	20.7	10.2	57	0.1	17.2	8.1	372	2.40	31.5	6.0	3.2	4.8	17	0.1	1.9	0.6	43	0.19	0.062
1095379	Soil		0.8	16.9	9.3	50	<0.1	15.3	6.3	225	2.12	20.1	1.5	8.7	5.2	15	0.3	1.9	0.8	36	0.16	0.050
1095376	Soil		1.1	22.4	10.4	56	0.1	18.5	6.8	237	2.35	27.7	2.8	1.5	5.1	18	0.2	2.5	0.6	42	0.15	0.047
1095367	Soil		1.3	28.0	9.9	55	0.2	16.8	7.8	332	2.35	61.6	2.8	1.9	6.1	18	0.2	2.7	0.8	49	0.19	0.062
1095363	Soil		1.3	39.4	12.1	63	0.3	21.5	10.3	401	2.70	150.6	4.3	7.6	7.6	14	0.2	2.4	1.1	52	0.13	0.054
1095364	Soil		1.8	47.6	13.3	71	0.3	21.3	10.4	437	2.75	194.6	7.4	7.1	9.9	29	0.2	7.2	1.7	55	0.26	0.074
1095365	Soil		1.4	36.0	10.6	62	0.1	19.3	9.5	370	2.44	71.9	3.9	6.4	10.1	18	0.3	7.5	0.7	50	0.22	0.081
1095366	Soil		1.6	30.9	10.6	58	0.2	16.7	7.6	325	2.27	77.1	3.8	6.4	6.8	26	0.2	4.0	0.8	51	0.29	0.073
1095369	Soil		1.8	37.0	12.1	71	0.3	20.5	10.5	432	2.69	66.2	5.3	6.2	6.8	31	0.2	5.5	0.9	58	0.33	0.102
1095371	Soil		1.4	32.3	12.4	62	0.2	20.3	8.3	309	2.71	50.2	2.8	7.2	1.4	14	0.2	3.6	0.6	51	0.11	0.066
1095373	Soil		1.1	32.4	11.8	57	0.2	19.5	8.5	360	2.63	48.5	3.7	16.8	3.2	17	0.3	3.6	0.7	49	0.16	0.075
1095374	Soil		1.0	23.0	9.7	54	<0.1	17.7	7.7	286	2.42	44.0	3.6	5.4	4.0	14	0.2	1.8	0.5	44	0.12	0.054
1095372	Soil		1.1	27.8	11.5	55	0.2	18.4	8.5	360	2.58	57.4	3.2	7.1	2.0	17	0.2	3.2	0.6	46	0.16	0.063
1095368	Soil		1.3	25.5	11.5	67	0.1	17.8	9.4	375	2.41	51.3	2.8	2.6	11.2	23	0.3	9.4	0.7	53	0.29	0.086
1095370	Soil		1.3	37.2	11.4	58	0.2	21.3	8.5	296	2.53	113.6	5.5	3.5	2.3	17	0.3	15.7	0.7	47	0.12	0.064
1078690	Soil		1.2	77.8	17.3	85	<0.1	50.9	33.2	948	4.23	44.7	3.3	14.4	8.1	26	0.2	15.7	4.1	43	0.11	0.070

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1095351	Soil	32	37	0.59	210	0.050	3	1.53	0.017	0.08	1.5	0.04	4.2	0.2	<0.05	5	1.0	<0.2
1095352	Soil	30	24	0.46	180	0.048	1	1.36	0.014	0.08	7.0	0.02	2.9	0.2	<0.05	4	1.9	0.5
1095353	Soil	33	29	0.49	198	0.058	2	1.52	0.008	0.08	4.9	0.06	3.1	0.3	<0.05	5	<0.5	<0.2
1095354	Soil	23	28	0.45	157	0.059	1	1.51	0.008	0.10	3.3	0.06	2.3	0.3	<0.05	5	0.7	<0.2
1095355	Soil	15	23	0.41	128	0.046	2	1.25	0.007	0.07	1.0	0.05	1.9	0.2	<0.05	4	0.7	<0.2
1095356	Soil	30	29	0.56	106	0.063	2	1.53	0.011	0.10	3.3	0.02	3.4	0.2	<0.05	5	0.7	<0.2
1095357	Soil	43	29	0.33	167	0.024	2	1.42	0.005	0.10	1.3	0.01	5.6	0.4	0.05	4	0.9	<0.2
1095358	Soil	31	30	0.48	179	0.076	2	1.30	0.009	0.11	4.3	0.02	3.3	0.3	<0.05	4	0.7	<0.2
1095359	Soil	42	33	0.43	331	0.036	4	1.67	0.008	0.12	1.7	0.08	5.4	0.4	0.06	5	1.2	<0.2
1095360	Soil	21	27	0.44	141	0.058	2	1.23	0.006	0.09	3.9	0.02	2.3	0.2	<0.05	4	0.6	<0.2
1095361	Soil	28	29	0.47	203	0.080	1	1.51	0.007	0.12	7.3	0.03	2.7	0.3	<0.05	5	<0.5	<0.2
1095362	Soil	30	30	0.46	206	0.079	2	1.51	0.007	0.12	7.6	0.03	2.6	0.3	<0.05	5	<0.5	<0.2
1095375	Soil	22	28	0.42	152	0.045	2	1.40	0.006	0.09	0.7	0.02	2.6	0.2	<0.05	5	0.6	<0.2
1095377	Soil	18	21	0.38	138	0.041	1	1.01	0.005	0.07	0.6	0.02	2.1	0.1	<0.05	3	<0.5	<0.2
1095378	Soil	22	27	0.43	167	0.042	1	1.34	0.005	0.08	0.5	0.04	2.8	0.2	<0.05	4	<0.5	<0.2
1095379	Soil	17	21	0.35	115	0.040	2	0.99	0.004	0.06	0.8	0.02	1.9	0.2	<0.05	4	0.7	<0.2
1095376	Soil	19	26	0.41	135	0.051	1	1.17	0.006	0.09	0.6	0.02	2.4	0.2	<0.05	4	<0.5	<0.2
1095367	Soil	21	30	0.42	197	0.070	2	1.36	0.007	0.10	4.2	0.06	2.3	0.3	<0.05	5	0.9	<0.2
1095363	Soil	27	30	0.40	235	0.052	2	1.57	0.007	0.07	3.2	0.05	2.5	0.2	<0.05	4	<0.5	<0.2
1095364	Soil	32	35	0.51	264	0.076	3	1.59	0.009	0.10	13.1	0.04	3.6	0.4	<0.05	5	0.9	<0.2
1095365	Soil	29	32	0.48	225	0.082	2	1.36	0.008	0.11	8.4	0.04	2.7	0.3	<0.05	4	<0.5	<0.2
1095366	Soil	22	30	0.43	257	0.083	2	1.21	0.009	0.10	4.5	0.05	2.4	0.3	<0.05	5	0.7	<0.2
1095369	Soil	32	36	0.52	317	0.083	2	1.63	0.011	0.11	4.7	0.05	2.9	0.4	<0.05	6	<0.5	<0.2
1095371	Soil	18	29	0.44	202	0.029	2	1.58	0.007	0.07	0.8	0.04	1.8	0.2	<0.05	5	0.6	<0.2
1095373	Soil	24	28	0.44	172	0.041	2	1.37	0.008	0.08	1.1	0.04	2.6	0.2	<0.05	4	0.5	<0.2
1095374	Soil	20	25	0.41	121	0.047	2	1.22	0.006	0.06	0.7	0.04	2.3	0.2	<0.05	4	0.6	<0.2
1095372	Soil	21	27	0.40	191	0.033	2	1.33	0.007	0.06	1.5	0.04	2.1	0.2	<0.05	4	0.5	<0.2
1095368	Soil	28	32	0.52	227	0.108	2	1.41	0.009	0.18	5.4	0.03	2.5	0.3	<0.05	5	<0.5	<0.2
1095370	Soil	23	30	0.44	186	0.038	1	1.68	0.007	0.07	1.5	0.03	2.3	0.3	<0.05	5	<0.5	<0.2
1078690	Soil	24	25	0.49	111	0.044	2	1.57	0.007	0.12	0.5	0.03	2.9	0.2	<0.05	5	0.9	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000164.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078694	Soil	1.1	113.6	22.2	96	0.3	49.4	40.8	650	5.66	162.1	3.7	13.7	11.3	28	0.4	11.6	1.4	40	0.08	0.088
1078693	Soil	3.4	94.4	19.4	77	0.4	35.5	26.1	654	5.09	573.3	2.6	10.5	10.6	31	0.4	7.2	1.7	51	0.07	0.080
1078691	Soil	1.4	55.5	17.1	80	0.2	41.7	29.1	892	3.65	26.3	2.5	13.5	4.2	14	0.2	6.6	0.6	41	0.08	0.088
1078695	Soil	1.3	63.5	20.9	82	0.3	30.3	14.8	390	3.92	78.8	2.5	9.3	3.0	17	0.4	13.9	0.9	34	0.06	0.092
1078696	Soil	1.6	88.5	19.0	85	0.3	47.5	37.0	833	4.08	55.3	3.3	9.4	2.3	17	0.3	4.9	0.8	43	0.08	0.103
1078685	Soil	1.2	47.9	14.2	82	<0.1	42.8	28.6	508	3.60	104.5	2.0	20.4	7.7	22	0.2	8.6	0.5	38	0.08	0.055
1078692	Soil	1.7	94.3	21.3	107	0.4	58.6	50.5	1051	4.91	88.7	5.4	17.4	8.9	36	0.5	4.8	1.1	49	0.12	0.100
1078688	Soil	1.5	77.7	16.9	95	0.3	64.1	35.4	578	5.26	243.0	3.3	10.0	14.6	38	0.3	30.0	1.6	43	0.07	0.087
1078689	Soil	1.7	106.7	16.1	68	0.2	38.9	15.5	313	6.22	129.4	4.6	10.6	15.8	30	<0.1	23.5	2.1	42	0.03	0.078
1078686	Soil	1.2	132.1	17.7	54	0.6	27.2	15.0	301	5.12	2498	3.3	17.3	12.7	35	0.4	12.5	6.0	35	0.08	0.081
1078687	Soil	1.4	99.3	35.1	101	0.5	53.7	36.0	724	5.27	1329	4.5	25.3	6.6	34	0.8	71.6	3.2	33	0.07	0.093
1078674	Soil	1.6	43.0	17.9	56	0.2	29.7	20.6	479	3.36	198.0	2.5	9.3	2.5	11	0.2	6.8	0.8	50	0.07	0.094
1078683	Soil	1.2	132.3	14.5	62	0.3	41.4	27.7	653	4.06	432.8	8.3	46.5	15.7	48	0.4	127.4	9.9	46	0.21	0.101
1078676	Soil	1.7	75.8	11.4	58	0.2	25.6	20.9	447	3.92	115.9	3.4	11.1	9.6	37	0.2	1.9	1.2	42	0.06	0.083
1078673	Soil	1.2	44.0	14.7	57	0.1	25.8	12.6	276	3.04	146.8	2.4	3.2	8.6	16	0.2	7.3	1.2	32	0.06	0.055
1078675	Soil	1.1	43.5	16.8	54	0.1	20.0	11.9	315	3.45	152.8	1.9	6.2	9.9	12	0.1	13.4	0.8	35	0.06	0.050
1078684	Soil	0.8	54.0	16.8	69	0.1	54.1	34.6	508	3.58	113.5	3.1	7.5	10.5	22	0.2	21.4	0.6	27	0.05	0.058
1078679	Soil	1.4	95.3	12.5	76	0.2	37.6	23.3	333	5.16	67.4	3.4	10.4	15.8	38	0.1	4.4	0.6	31	0.04	0.067
1078678	Soil	1.5	99.2	12.8	76	0.2	38.8	23.6	355	5.48	69.3	3.7	5.2	16.3	41	0.1	5.0	0.7	33	0.04	0.069
1078680	Soil	1.1	103.2	19.8	67	0.2	36.8	29.5	772	4.30	750.7	3.1	30.0	7.8	33	0.2	14.3	4.3	33	0.12	0.077
1078682	Soil	2.0	45.6	12.9	59	0.2	28.7	11.6	290	3.17	120.8	1.6	4.2	5.1	22	0.2	4.0	1.7	43	0.08	0.061
1078681	Soil	1.1	48.3	18.3	86	<0.1	39.5	27.1	475	3.90	19.7	2.3	2.5	9.6	44	0.2	9.0	0.4	31	0.17	0.072
1078677	Soil	1.6	109.6	14.0	71	0.4	46.2	19.0	407	3.69	396.3	5.7	22.8	8.8	33	0.2	2.1	5.4	36	0.11	0.091
1078699	Soil	1.0	74.2	11.3	76	<0.1	40.2	36.1	780	3.16	75.6	2.3	20.2	5.6	19	0.2	3.4	1.3	37	0.14	0.107
1078697	Soil	1.4	149.2	11.1	77	0.4	46.2	26.1	525	3.81	493.1	2.3	14.4	4.3	25	0.5	1.5	1.2	48	0.19	0.108
1078698	Soil	1.1	47.8	12.0	72	0.2	30.9	14.8	405	3.41	46.1	1.8	3.5	4.5	21	0.3	4.8	0.7	37	0.11	0.064

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Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000164.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078694	Soil	23	31	0.67	181	0.054	1	2.36	0.013	0.31	0.3	0.05	3.4	0.4	0.07	6	0.5	<0.2
1078693	Soil	23	31	0.54	238	0.066	2	1.79	0.026	0.41	0.3	0.09	3.1	0.8	0.30	5	1.1	<0.2
1078691	Soil	21	25	0.44	82	0.033	2	1.49	0.010	0.11	0.2	0.08	2.1	0.3	<0.05	5	0.6	<0.2
1078695	Soil	21	25	0.35	120	0.023	2	1.45	0.009	0.17	0.2	0.07	1.9	0.3	0.09	4	0.6	<0.2
1078696	Soil	21	27	0.44	102	0.031	2	1.70	0.010	0.12	0.4	0.10	1.8	0.3	0.07	5	1.0	<0.2
1078685	Soil	21	24	0.37	92	0.041	1	1.31	0.009	0.12	0.5	0.04	1.8	0.2	0.05	4	<0.5	<0.2
1078692	Soil	29	33	0.64	190	0.062	2	2.05	0.017	0.28	0.3	0.08	3.4	0.5	0.12	6	0.6	<0.2
1078688	Soil	30	77	0.63	178	0.058	2	2.18	0.025	0.41	0.4	0.04	3.1	0.6	0.22	6	0.7	<0.2
1078689	Soil	22	58	0.61	132	0.063	2	2.12	0.025	0.42	0.7	0.02	3.6	0.5	0.26	6	0.8	<0.2
1078686	Soil	25	24	0.44	155	0.045	1	1.44	0.035	0.31	0.5	0.04	2.2	0.6	0.29	4	1.1	0.3
1078687	Soil	31	49	0.40	194	0.014	3	1.59	0.018	0.24	2.0	0.06	2.8	0.7	0.17	5	1.1	<0.2
1078674	Soil	20	44	0.30	110	0.031	1	1.29	0.005	0.13	0.3	0.08	1.9	0.5	<0.05	5	0.8	<0.2
1078683	Soil	38	50	0.72	230	0.084	2	1.92	0.019	0.34	0.9	0.04	5.5	0.6	0.10	6	0.7	<0.2
1078676	Soil	27	25	0.48	142	0.067	2	1.90	0.024	0.31	1.3	0.07	1.7	0.7	0.18	5	0.9	<0.2
1078673	Soil	34	27	0.37	109	0.045	1	1.29	0.007	0.20	0.2	0.04	2.0	0.4	<0.05	4	<0.5	<0.2
1078675	Soil	22	22	0.35	90	0.032	1	1.37	0.005	0.14	0.6	0.04	1.7	0.3	<0.05	4	<0.5	<0.2
1078684	Soil	21	45	0.43	87	0.029	1	1.65	0.008	0.19	0.2	0.03	2.1	0.3	<0.05	4	<0.5	<0.2
1078679	Soil	26	25	0.60	141	0.062	1	2.07	0.025	0.46	0.4	0.02	2.1	0.5	0.21	5	<0.5	<0.2
1078678	Soil	27	26	0.59	146	0.063	1	2.09	0.024	0.48	0.3	0.03	2.2	0.5	0.21	5	0.5	<0.2
1078680	Soil	24	28	0.50	113	0.037	2	1.58	0.013	0.19	0.8	0.05	2.4	0.3	0.07	4	0.9	<0.2
1078682	Soil	20	37	0.45	96	0.047	1	1.51	0.009	0.14	0.3	0.06	1.8	0.3	0.06	5	<0.5	<0.2
1078681	Soil	23	22	0.48	96	0.039	<1	1.52	0.007	0.18	0.2	0.02	1.7	0.2	<0.05	4	<0.5	<0.2
1078677	Soil	40	56	0.46	138	0.055	1	2.06	0.015	0.18	2.0	0.08	2.0	0.3	0.13	5	0.9	<0.2
1078699	Soil	22	22	0.41	93	0.039	1	1.31	0.010	0.13	0.7	0.07	1.9	0.3	0.07	3	0.6	<0.2
1078697	Soil	17	38	0.50	126	0.052	2	1.81	0.011	0.14	0.6	0.08	2.1	0.3	0.11	5	1.3	<0.2
1078698	Soil	21	24	0.39	145	0.024	<1	1.45	0.007	0.13	0.3	0.06	2.1	0.2	0.07	4	<0.5	<0.2

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Project: MAH
Report Date: August 30, 2011

QUALITY CONTROL REPORT DAW11000164.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1078545	Soil	0.8	119.7	14.7	65	0.2	40.8	30.1	485	6.62	125.1	4.0	16.0	10.2	28	0.3	61.5	0.6	25	0.03	0.092
REP 1078545	QC	0.8	110.5	14.1	61	0.2	39.7	28.8	471	6.49	112.6	4.0	13.1	10.4	27	0.2	60.2	0.6	24	0.03	0.090
1198869	Soil	1.1	169.3	10.8	67	0.6	31.5	20.3	497	3.53	811.8	2.3	11.6	5.5	14	0.3	8.7	0.7	44	0.13	0.078
REP 1198869	QC	1.0	158.5	10.4	63	0.6	29.2	19.1	465	3.28	735.8	2.3	13.1	5.3	14	0.3	8.9	0.7	42	0.13	0.073
1071105	Soil	1.0	17.6	10.2	61	<0.1	18.1	8.0	312	2.31	66.2	2.6	77.8	7.3	16	0.4	1.7	0.7	42	0.21	0.077
REP 1071105	QC	1.0	17.2	10.7	62	<0.1	19.0	8.1	341	2.33	68.6	2.6	19.5	7.2	16	0.2	1.7	0.6	43	0.21	0.078
1199369	Soil	1.4	48.2	13.1	72	0.2	30.5	11.8	551	2.95	141.8	2.2	4.2	1.9	13	0.4	23.9	0.7	48	0.08	0.070
REP 1199369	QC	1.3	48.7	12.9	71	0.2	31.0	12.3	558	2.96	139.9	2.2	10.1	1.9	14	0.3	24.4	0.7	47	0.09	0.067
1199354	Soil	1.2	67.2	11.1	78	0.3	24.8	11.5	398	2.64	742.9	4.3	13.0	9.5	31	0.6	3.4	3.5	45	0.29	0.113
REP 1199354	QC	1.1	65.7	10.8	76	0.3	24.2	10.9	390	2.62	733.9	4.0	13.3	9.5	30	0.6	3.4	3.4	44	0.29	0.111
1095353	Soil	1.2	119.6	13.2	77	0.4	23.0	10.8	442	2.75	468.2	6.1	20.4	9.8	24	0.4	37.2	4.2	48	0.26	0.084
REP 1095353	QC	1.2	116.6	12.8	75	0.4	22.9	10.7	430	2.74	452.5	5.9	11.3	9.6	24	0.4	36.8	4.2	47	0.25	0.085
1095373	Soil	1.1	32.4	11.8	57	0.2	19.5	8.5	360	2.63	48.5	3.7	16.8	3.2	17	0.3	3.6	0.7	49	0.16	0.075
REP 1095373	QC	1.0	30.5	11.8	54	0.2	18.1	8.2	351	2.60	46.1	3.5	4.5	3.0	16	0.2	3.2	0.6	48	0.16	0.073
1078688	Soil	1.5	77.7	16.9	95	0.3	64.1	35.4	578	5.26	243.0	3.3	10.0	14.6	38	0.3	30.0	1.6	43	0.07	0.087
REP 1078688	QC	1.5	75.5	17.0	94	0.2	62.4	33.8	592	5.24	243.5	3.2	7.9	13.9	38	0.3	28.4	1.5	42	0.07	0.086
1078697	Soil	1.4	149.2	11.1	77	0.4	46.2	26.1	525	3.81	493.1	2.3	14.4	4.3	25	0.5	1.5	1.2	48	0.19	0.108
REP 1078697	QC	1.3	151.3	11.0	76	0.4	46.3	26.1	529	3.82	493.1	2.4	39.8	4.2	25	0.4	1.5	1.1	48	0.19	0.109
Reference Materials																					
STD DS8	Standard	13.7	114.3	118.6	314	1.8	38.2	7.8	621	2.50	25.5	2.7	105.8	6.8	67	2.2	5.5	6.4	44	0.69	0.078
STD DS8	Standard	12.6	102.6	110.8	302	1.7	36.4	7.1	608	2.43	25.2	2.3	113.6	6.3	62	2.6	5.0	5.8	40	0.63	0.077
STD DS8	Standard	13.8	113.7	123.1	317	1.8	39.3	7.7	620	2.53	24.9	2.8	112.2	7.2	69	2.5	5.8	6.7	45	0.73	0.080
STD DS8	Standard	13.3	108.0	124.9	302	1.8	36.9	7.2	593	2.42	24.9	2.7	101.8	7.1	65	2.2	5.3	6.3	42	0.71	0.077
STD DS8	Standard	14.1	109.9	130.6	308	1.7	37.7	7.6	587	2.37	25.3	3.1	113.4	7.4	69	2.6	5.6	6.9	44	0.71	0.085
STD DS8	Standard	13.5	108.5	133.7	314	1.9	37.6	7.8	627	2.53	26.6	2.8	121.6	6.7	64	2.6	5.7	6.8	41	0.67	0.078
STD DS8	Standard	12.7	103.4	116.0	293	1.8	35.6	7.3	579	2.33	23.3	2.4	102.4	6.3	57	2.3	4.7	5.9	41	0.66	0.074
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

QUALITY CONTROL REPORT DAW11000164.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1078545	Soil	18	20	0.35	97	0.016	1	1.54	0.019	0.21	0.2	0.04	2.9	0.4	0.14	4	<0.5	<0.2
REP 1078545	QC	18	20	0.32	89	0.017	2	1.44	0.018	0.21	0.3	0.05	2.9	0.4	0.12	4	0.5	<0.2
1198869	Soil	21	25	0.37	128	0.036	1	1.38	0.006	0.08	1.3	0.04	2.7	0.2	<0.05	4	1.0	<0.2
REP 1198869	QC	21	24	0.36	125	0.036	1	1.32	0.006	0.08	1.2	0.07	2.5	0.2	<0.05	4	1.2	<0.2
1071105	Soil	21	28	0.41	132	0.069	3	1.30	0.008	0.10	2.3	0.03	2.6	0.2	<0.05	4	<0.5	<0.2
REP 1071105	QC	21	29	0.42	138	0.073	2	1.35	0.008	0.09	2.3	0.02	2.7	0.2	<0.05	4	<0.5	<0.2
1199369	Soil	18	38	0.43	158	0.035	2	1.94	0.007	0.10	0.7	0.04	2.6	0.3	<0.05	6	<0.5	<0.2
REP 1199369	QC	18	37	0.42	160	0.033	3	1.91	0.007	0.10	0.7	0.05	2.3	0.3	<0.05	6	<0.5	<0.2
1199354	Soil	25	28	0.51	181	0.056	<1	1.62	0.007	0.09	2.0	0.04	2.5	0.2	<0.05	5	0.7	<0.2
REP 1199354	QC	25	28	0.51	183	0.058	2	1.55	0.007	0.09	1.8	0.02	2.5	0.2	<0.05	4	0.6	<0.2
1095353	Soil	33	29	0.49	198	0.058	2	1.52	0.008	0.08	4.9	0.06	3.1	0.3	<0.05	5	<0.5	<0.2
REP 1095353	QC	32	29	0.47	192	0.057	2	1.49	0.007	0.09	5.2	0.04	3.0	0.3	<0.05	5	0.6	<0.2
1095373	Soil	24	28	0.44	172	0.041	2	1.37	0.008	0.08	1.1	0.04	2.6	0.2	<0.05	4	0.5	<0.2
REP 1095373	QC	23	27	0.42	167	0.040	2	1.33	0.006	0.07	1.0	0.03	2.5	0.2	<0.05	4	0.5	<0.2
1078688	Soil	30	77	0.63	178	0.058	2	2.18	0.025	0.41	0.4	0.04	3.1	0.6	0.22	6	0.7	<0.2
REP 1078688	QC	31	76	0.63	176	0.059	2	2.12	0.026	0.40	0.4	0.04	3.1	0.6	0.21	6	<0.5	<0.2
1078697	Soil	17	38	0.50	126	0.052	2	1.81	0.011	0.14	0.6	0.08	2.1	0.3	0.11	5	1.3	<0.2
REP 1078697	QC	18	37	0.52	127	0.052	2	1.85	0.012	0.14	0.7	0.07	2.1	0.3	0.11	5	1.1	<0.2
Reference Materials																		
STD DS8	Standard	15	118	0.60	277	0.124	2	0.93	0.089	0.41	3.0	0.21	2.1	5.3	0.18	5	4.9	4.7
STD DS8	Standard	14	112	0.59	281	0.116	3	0.88	0.082	0.39	2.9	0.22	2.0	5.2	0.17	5	3.8	4.8
STD DS8	Standard	16	119	0.63	286	0.129	3	0.94	0.089	0.42	3.2	0.20	2.2	5.5	0.17	5	4.9	5.5
STD DS8	Standard	17	117	0.61	284	0.113	4	0.95	0.097	0.42	2.9	0.19	2.3	5.3	0.14	5	5.1	4.7
STD DS8	Standard	16	117	0.64	289	0.125	3	0.94	0.090	0.40	2.9	0.20	2.3	5.4	0.16	5	5.6	5.1
STD DS8	Standard	15	116	0.61	280	0.109	2	0.92	0.090	0.41	3.0	0.21	2.1	5.6	0.15	5	5.7	5.5
STD DS8	Standard	14	112	0.58	255	0.100	2	0.86	0.083	0.39	2.7	0.18	2.1	5.1	0.13	4	4.4	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

QUALITY CONTROL REPORT DAW11000164.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.04	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

QUALITY CONTROL REPORT DAW11000164.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 09, 2011
Report Date: August 28, 2011
Page: 1 of 8

CERTIFICATE OF ANALYSIS DAW11000175.1

CLIENT JOB INFORMATION

Project: MAH
Shipment ID: MAH2011-02
P.O. Number
Number of Samples: 209

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	209	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	209	Dry at 60C			WHI
1DX2	208	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000175.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1071151	Soil		1.1	22.6	8.6	55	0.1	18.4	7.8	273	2.21	29.5	2.1	3.9	4.8	16	0.1	2.9	0.3	34	0.20	0.075
1078754	Soil		1.4	22.8	10.2	60	0.1	18.7	7.7	313	2.24	43.6	1.9	5.0	6.1	14	0.2	5.2	0.7	43	0.17	0.065
1078750	Soil		1.3	20.6	11.9	61	0.2	16.3	8.6	433	2.50	33.8	1.8	7.9	10.1	17	0.2	3.5	1.0	51	0.17	0.053
1078756	Soil		2.1	25.0	12.0	58	0.3	16.2	7.7	315	2.25	61.1	5.2	5.4	5.2	17	0.2	5.1	0.9	45	0.18	0.073
1078749	Soil		1.1	30.2	9.5	60	0.1	20.0	8.4	350	2.24	51.1	2.0	7.2	9.4	16	0.3	9.7	1.3	45	0.22	0.076
1078744	Soil		1.0	35.2	9.6	58	0.2	19.9	8.0	289	2.25	200.0	2.7	9.0	6.8	18	0.2	45.6	2.0	43	0.22	0.076
1078755	Soil		1.6	15.3	10.4	44	0.2	12.5	5.4	224	1.98	44.8	1.7	14.2	2.8	14	0.2	3.6	0.7	43	0.14	0.050
1078752	Soil		2.0	35.6	14.2	50	0.7	13.6	5.6	197	2.49	181.8	5.2	5.4	3.8	15	0.1	16.7	1.9	48	0.15	0.047
1078751	Soil		1.6	34.4	12.2	47	0.2	14.3	5.9	220	2.35	159.9	5.7	8.2	8.8	14	0.2	14.6	1.6	53	0.13	0.041
1078740	Soil		1.2	85.9	9.8	63	0.4	19.5	8.9	400	2.21	625.6	5.6	18.8	7.3	23	0.4	10.2	5.9	43	0.28	0.091
1078757	Soil		1.0	17.5	7.3	55	<0.1	14.7	7.0	292	1.99	58.3	2.5	7.1	8.9	16	0.3	3.0	0.9	39	0.26	0.079
1078747	Soil		2.1	34.8	11.2	60	0.3	16.9	7.8	374	2.26	156.9	4.8	21.4	5.7	19	0.2	56.2	1.8	46	0.23	0.078
1078741	Soil		0.9	18.1	8.1	57	<0.1	18.0	7.9	281	2.03	55.7	1.0	9.7	3.0	10	0.3	1.8	0.8	39	0.12	0.045
1078748	Soil		2.0	36.6	11.3	59	0.3	16.9	7.4	363	2.27	156.0	5.0	9.4	6.0	19	0.2	55.7	1.8	46	0.24	0.079
1078742	Soil		0.8	42.5	7.7	57	0.2	14.8	7.9	365	1.97	319.9	9.0	22.3	9.5	25	0.3	4.5	5.9	39	0.30	0.083
1078760	Soil		0.9	16.4	9.9	56	0.1	14.7	9.0	401	2.25	35.2	2.8	3.4	5.7	11	0.2	6.1	0.6	38	0.14	0.060
1078739	Soil		1.2	74.3	10.7	71	0.5	21.1	9.7	407	2.48	498.8	5.0	14.1	8.7	29	0.4	30.8	4.3	46	0.30	0.073
1078759	Soil		1.2	9.5	10.4	27	0.2	7.5	2.6	85	1.33	48.0	2.7	3.8	0.4	10	0.1	1.8	1.6	29	0.08	0.062
1078753	Soil		1.0	25.8	8.7	62	<0.1	19.7	7.7	366	2.05	37.6	1.9	3.6	9.8	14	0.3	5.4	0.7	40	0.21	0.080
1078758	Soil		1.4	16.9	10.5	54	0.1	15.6	7.4	335	2.28	64.1	3.2	10.4	5.0	15	0.2	2.4	1.7	45	0.19	0.066
1078746	Soil		1.7	39.8	11.0	61	0.3	18.3	7.9	347	2.38	158.2	5.2	10.5	7.1	16	0.2	39.7	1.7	49	0.22	0.075
1078745	Soil		2.1	52.9	12.3	68	0.3	19.8	9.6	398	2.38	270.9	5.2	10.7	9.5	19	0.5	39.4	2.2	46	0.23	0.080
1078743	Soil		0.9	22.8	8.3	51	0.1	18.0	7.6	300	2.13	64.7	1.8	6.0	6.5	14	0.1	3.9	0.7	40	0.18	0.066
1071153	Soil		2.0	12.5	7.1	47	0.1	12.5	5.0	164	1.77	29.6	5.6	3.7	1.6	11	<0.1	4.4	0.3	33	0.12	0.057
1078738	Soil		0.8	55.4	11.3	62	0.3	18.1	8.1	362	2.19	238.3	2.5	25.1	6.2	32	0.4	26.5	4.2	38	0.38	0.079
1071152	Soil		1.7	11.7	8.0	46	<0.1	12.9	6.0	266	2.01	26.8	2.2	1.8	1.2	11	<0.1	8.0	0.4	35	0.12	0.050
1047476	Soil		1.4	22.0	10.1	52	0.1	14.7	7.2	287	2.23	252.7	4.4	5.9	5.2	32	0.2	5.0	1.2	44	0.21	0.062
1074623	Soil		0.5	222.8	63.0	413	3.9	46.6	28.2	1517	6.78	>10000	1.1	38.2	17.0	39	11.5	182.6	22.9	34	1.35	0.196
1074634	Soil		1.0	102.8	13.7	68	0.4	26.0	9.7	379	2.71	141.1	0.9	28.0	4.1	30	0.4	5.2	3.3	52	0.55	0.077
1047477	Soil		1.6	49.1	9.0	62	0.2	18.3	7.3	299	2.29	324.3	8.3	4.0	9.9	35	0.2	8.3	1.2	45	0.40	0.088

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Vancouver BC V6C 1H2 Canada

Project: MAH
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CERTIFICATE OF ANALYSIS DAW11000175.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1071151	Soil		16	21	0.39	101	0.044	1	1.09	0.004	0.06	1.1	0.03	1.9	0.1	<0.05	3	0.5	<0.2
1078754	Soil		19	23	0.41	129	0.062	2	1.03	0.006	0.08	4.9	0.03	2.0	0.2	<0.05	4	<0.5	<0.2
1078750	Soil		19	31	0.45	204	0.110	2	1.52	0.008	0.10	5.7	0.06	2.1	0.3	<0.05	6	<0.5	<0.2
1078756	Soil		27	26	0.42	212	0.056	2	1.37	0.006	0.09	6.2	0.05	2.7	0.2	<0.05	5	0.6	<0.2
1078749	Soil		23	28	0.44	167	0.086	2	1.21	0.007	0.11	7.3	0.03	2.2	0.3	<0.05	4	<0.5	<0.2
1078744	Soil		25	27	0.46	156	0.069	2	1.28	0.007	0.09	2.8	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1078755	Soil		15	22	0.32	137	0.060	1	0.91	0.006	0.07	3.6	0.04	1.4	0.2	<0.05	4	<0.5	<0.2
1078752	Soil		25	26	0.32	215	0.031	2	1.45	0.006	0.06	3.1	0.07	2.1	0.3	<0.05	5	<0.5	<0.2
1078751	Soil		28	27	0.33	302	0.045	1	1.52	0.006	0.06	2.8	0.05	2.6	0.3	<0.05	6	<0.5	<0.2
1078740	Soil		27	26	0.42	198	0.053	2	1.18	0.009	0.08	1.4	0.06	2.2	0.2	<0.05	4	0.6	<0.2
1078757	Soil		22	26	0.45	203	0.081	1	1.10	0.008	0.14	12.9	0.01	1.9	0.3	<0.05	4	<0.5	<0.2
1078747	Soil		20	29	0.43	184	0.064	2	1.26	0.007	0.11	6.4	0.04	2.3	0.3	<0.05	5	<0.5	<0.2
1078741	Soil		14	20	0.31	104	0.040	2	1.22	0.005	0.04	1.2	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1078748	Soil		22	28	0.43	185	0.068	2	1.29	0.007	0.11	6.2	0.05	2.3	0.3	<0.05	5	<0.5	<0.2
1078742	Soil		27	28	0.43	153	0.076	<1	1.16	0.007	0.11	4.7	0.03	2.7	0.3	<0.05	4	<0.5	<0.2
1078760	Soil		20	25	0.42	140	0.051	1	1.44	0.006	0.09	1.7	0.03	2.2	0.2	<0.05	5	<0.5	<0.2
1078739	Soil		28	29	0.44	188	0.062	1	1.46	0.008	0.09	4.4	0.05	2.5	0.3	<0.05	5	<0.5	<0.2
1078759	Soil		14	17	0.17	121	0.020	1	0.93	0.007	0.05	2.2	0.05	0.7	0.3	<0.05	4	<0.5	<0.2
1078753	Soil		21	25	0.39	165	0.070	<1	1.11	0.007	0.10	8.8	0.02	1.8	0.2	<0.05	4	<0.5	<0.2
1078758	Soil		22	26	0.38	195	0.054	2	1.30	0.006	0.09	4.6	0.04	1.9	0.2	<0.05	5	<0.5	<0.2
1078746	Soil		25	31	0.47	180	0.069	2	1.48	0.007	0.11	5.4	0.05	2.5	0.3	<0.05	5	<0.5	<0.2
1078745	Soil		24	30	0.46	188	0.083	1	1.35	0.007	0.14	8.6	0.03	2.3	0.4	<0.05	5	<0.5	<0.2
1078743	Soil		21	23	0.39	114	0.052	<1	1.12	0.006	0.07	1.6	0.05	1.7	0.2	<0.05	4	<0.5	<0.2
1071153	Soil		17	22	0.36	113	0.030	1	1.22	0.005	0.05	0.4	0.03	1.6	0.2	<0.05	4	<0.5	<0.2
1078738	Soil		24	25	0.38	184	0.041	1	1.32	0.010	0.05	3.0	0.06	2.1	0.1	<0.05	4	<0.5	<0.2
1071152	Soil		14	21	0.35	110	0.028	<1	1.21	0.005	0.05	0.8	0.03	1.2	0.2	<0.05	4	<0.5	<0.2
1047476	Soil		20	28	0.49	149	0.049	1	1.53	0.005	0.09	0.7	0.03	2.3	0.3	<0.05	5	<0.5	<0.2
1074623	Soil		41	30	0.13	697	0.003	3	0.79	0.004	0.07	0.4	0.08	8.2	0.6	<0.05	3	<0.5	<0.2
1074634	Soil		16	29	0.58	290	0.041	2	1.85	0.021	0.08	0.4	0.03	3.0	0.2	<0.05	6	0.5	<0.2
1047477	Soil		28	31	0.58	145	0.067	2	1.33	0.007	0.13	1.5	0.02	3.2	0.3	<0.05	5	0.6	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000175.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1047475	Soil		1.1	27.2	10.2	50	0.2	12.4	5.5	232	2.05	167.0	2.6	4.0	1.0	15	0.2	3.8	1.3	39	0.18	0.054
1074627	Soil		0.8	70.5	22.8	69	0.9	20.5	7.4	312	2.28	412.5	0.9	34.3	6.8	61	0.6	14.0	3.2	37	0.82	0.095
1074633	Soil		0.7	906.5	16.1	90	3.4	24.9	13.4	661	4.26	1532	0.9	397.9	5.9	40	0.8	47.4	41.7	44	1.25	0.083
1047473	Soil		1.2	41.5	11.4	62	0.2	18.0	6.4	235	2.26	81.3	1.6	8.2	2.7	14	0.2	4.1	0.6	47	0.20	0.070
1047474	Soil		1.3	36.1	9.5	56	0.2	16.4	6.4	242	2.34	50.5	1.3	5.0	2.3	17	0.1	2.0	0.5	49	0.17	0.059
1074629	Soil		0.4	30.1	29.6	61	0.4	17.9	7.9	311	1.97	166.4	0.8	76.6	4.2	89	0.7	15.4	2.0	27	1.77	0.091
1074632	Soil		0.8	56.3	15.4	71	0.3	21.8	9.3	412	2.51	350.0	0.9	36.8	5.6	48	0.3	16.1	4.4	39	0.49	0.056
1047478	Soil		1.7	27.1	8.8	50	0.2	14.0	7.7	321	2.09	248.1	3.8	1.7	2.9	19	<0.1	4.8	0.8	44	0.22	0.052
1074631	Soil		0.6	408.7	39.7	70	25.7	17.5	9.4	349	6.37	>10000	1.1	653.2	6.5	75	0.9	73.2	354.4	26	1.20	0.075
1074624	Soil		0.7	30.4	21.8	74	0.3	20.9	9.9	269	2.16	97.2	1.3	11.3	3.6	29	0.3	3.2	1.6	44	0.38	0.079
1074625	Soil		0.6	29.1	21.2	68	0.3	23.0	9.5	235	2.15	149.9	1.2	4.6	4.6	45	0.3	3.0	1.1	39	0.61	0.088
1074626	Soil		0.3	59.6	23.0	79	0.8	21.8	8.4	255	2.24	337.6	1.1	18.4	5.2	58	0.7	26.2	4.0	35	0.95	0.086
1074628	Soil		0.3	107.9	91.8	101	5.1	20.7	10.1	344	2.24	638.1	1.0	77.1	5.6	143	2.2	58.2	10.1	27	2.32	0.116
1074630	Soil		0.2	31.0	14.9	52	0.2	20.5	8.8	372	1.96	26.2	0.7	4.4	5.4	78	0.4	2.3	1.2	31	1.24	0.056
1047472	Soil		1.0	117.7	12.6	76	0.4	27.4	10.3	403	2.90	117.4	1.0	23.0	4.2	33	0.4	5.3	3.5	60	0.61	0.079
1074612	Soil		1.7	42.3	10.6	72	0.2	18.8	9.9	405	2.65	234.5	4.7	12.1	5.4	34	0.3	5.3	1.5	56	0.30	0.066
1074617	Soil		0.7	31.1	37.3	84	0.6	24.7	8.9	361	2.36	78.7	0.9	4.4	4.4	73	0.8	2.0	1.3	43	1.24	0.052
1074622	Soil		0.4	45.4	35.2	71	0.5	20.4	9.2	377	2.02	84.5	1.0	5.9	3.8	125	0.8	9.3	1.3	29	2.28	0.095
1074611	Soil		1.3	33.6	12.5	67	0.2	18.3	8.4	360	2.46	244.3	6.1	12.5	5.2	49	0.4	4.6	0.8	49	0.59	0.070
1074621	Soil		0.3	23.3	32.7	54	0.3	17.0	7.6	303	1.60	29.0	1.2	2.6	3.4	115	0.8	6.5	0.7	27	1.75	0.074
1074619	Soil		0.9	34.6	28.4	73	0.6	30.6	11.4	472	2.48	148.9	0.9	4.4	5.0	39	0.9	1.7	1.3	39	0.47	0.056
1074616	Soil		0.5	35.1	28.6	74	0.6	22.5	9.4	397	2.08	59.5	0.9	3.0	2.5	62	0.8	3.1	1.2	37	1.40	0.074
1074614	Soil		1.6	26.5	10.5	61	0.1	17.4	8.5	414	2.64	30.3	1.2	<0.5	3.0	25	0.3	1.4	0.4	62	0.23	0.061
1074620	Soil		0.4	23.2	15.9	55	0.2	18.6	7.2	200	1.85	20.7	0.6	1.7	4.9	93	0.2	1.8	0.4	30	0.98	0.067
1074613	Soil		1.4	66.3	10.6	70	0.2	19.1	7.9	302	2.60	141.8	2.0	7.6	2.1	21	0.2	5.9	2.3	54	0.25	0.071
1074615	Soil		1.0	79.5	12.9	84	0.3	36.3	16.0	401	3.28	49.6	0.7	8.5	5.1	45	0.6	4.4	0.9	81	0.85	0.099
1074618	Soil		0.6	31.0	39.8	91	0.8	20.2	8.9	411	2.18	113.8	1.0	8.3	5.5	81	1.6	5.4	1.5	39	1.26	0.081
1078931	Soil		1.3	20.1	9.7	59	0.1	17.1	7.5	307	2.47	38.3	3.3	11.5	2.1	13	0.2	7.4	0.7	46	0.14	0.059
1078935	Soil		1.1	21.6	7.9	57	0.1	18.7	7.0	208	2.11	14.2	3.1	2.6	4.2	16	<0.1	2.7	0.4	39	0.20	0.062
1078932	Soil		1.4	23.2	12.8	63	0.1	18.8	9.1	305	2.67	50.0	5.7	12.7	2.2	16	0.2	2.8	1.4	51	0.15	0.068

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1047475	Soil		16	23	0.39	120	0.029	1	1.32	0.007	0.05	0.5	0.04	1.4	0.2	<0.05	5	<0.5	<0.2
1074627	Soil		19	24	0.44	179	0.040	3	1.21	0.044	0.06	1.4	0.05	2.5	<0.1	<0.05	4	<0.5	<0.2
1074633	Soil		26	31	0.50	283	0.024	3	1.41	0.031	0.07	0.3	0.10	4.6	0.3	<0.05	5	1.0	0.9
1047473	Soil		14	25	0.41	143	0.031	<1	1.34	0.005	0.07	0.8	0.03	1.9	0.2	<0.05	4	<0.5	<0.2
1047474	Soil		15	28	0.47	173	0.049	<1	1.42	0.005	0.08	0.6	0.02	1.8	0.2	<0.05	5	<0.5	<0.2
1074629	Soil		19	21	0.78	167	0.032	6	1.78	0.042	0.06	0.9	0.05	2.3	<0.1	<0.05	5	<0.5	<0.2
1074632	Soil		16	26	0.54	560	0.035	2	1.95	0.028	0.06	0.4	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1047478	Soil		18	27	0.47	160	0.042	1	1.32	0.006	0.07	0.9	0.04	2.1	0.3	<0.05	5	<0.5	<0.2
1074631	Soil		22	22	0.50	231	0.009	2	1.16	0.034	0.05	0.3	0.15	3.9	0.3	0.06	4	6.0	0.3
1074624	Soil		16	27	0.49	232	0.038	1	1.88	0.019	0.05	0.7	0.03	2.3	0.1	<0.05	6	<0.5	<0.2
1074625	Soil		17	26	0.47	254	0.034	1	1.86	0.039	0.05	0.6	0.03	2.5	<0.1	<0.05	6	<0.5	<0.2
1074626	Soil		18	25	0.51	220	0.034	3	1.62	0.042	0.05	0.8	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1074628	Soil		21	28	1.38	246	0.013	6	2.39	0.023	0.06	0.3	0.04	3.0	0.1	<0.05	7	<0.5	<0.2
1074630	Soil		18	24	0.51	178	0.041	5	1.73	0.066	0.05	0.3	0.04	2.8	<0.1	0.06	5	<0.5	<0.2
1047472	Soil		18	30	0.67	288	0.046	3	2.08	0.024	0.08	0.6	0.04	3.7	0.2	<0.05	7	<0.5	<0.2
1074612	Soil		24	34	0.68	183	0.065	2	1.82	0.012	0.10	1.9	0.03	3.6	0.3	0.06	6	0.5	<0.2
1074617	Soil		19	29	0.66	239	0.052	5	2.08	0.056	0.06	0.7	0.05	2.9	0.2	0.05	6	<0.5	<0.2
1074622	Soil		18	25	0.67	180	0.020	5	1.91	0.059	0.05	0.7	0.06	2.8	0.1	0.12	6	0.6	<0.2
1074611	Soil		28	31	0.54	212	0.059	2	1.64	0.028	0.08	3.4	0.05	2.9	0.3	0.05	6	<0.5	<0.2
1074621	Soil		19	21	0.47	227	0.017	4	2.06	0.065	0.04	0.3	0.06	2.0	0.2	0.10	6	<0.5	<0.2
1074619	Soil		17	25	0.50	264	0.035	4	2.37	0.041	0.07	0.5	0.06	3.0	0.1	<0.05	5	<0.5	<0.2
1074616	Soil		17	25	0.56	268	0.030	4	1.80	0.044	0.05	0.4	0.09	2.4	0.1	0.06	5	<0.5	<0.2
1074614	Soil		17	38	0.60	454	0.110	1	1.62	0.009	0.16	0.5	0.03	2.5	0.2	<0.05	7	0.6	<0.2
1074620	Soil		16	19	0.53	186	0.035	3	1.51	0.056	0.05	0.4	0.05	2.2	<0.1	<0.05	4	<0.5	<0.2
1074613	Soil		17	28	0.55	160	0.047	3	1.62	0.007	0.08	1.4	0.04	2.2	0.2	<0.05	6	<0.5	<0.2
1074615	Soil		18	47	1.02	1276	0.138	1	1.99	0.039	0.22	0.4	0.05	6.2	0.3	<0.05	6	0.6	<0.2
1074618	Soil		20	25	0.85	238	0.042	4	2.14	0.028	0.08	0.5	0.04	3.5	0.2	<0.05	6	0.5	<0.2
1078931	Soil		17	26	0.46	116	0.043	1	1.50	0.006	0.07	1.2	0.03	1.9	0.2	<0.05	5	<0.5	<0.2
1078935	Soil		21	26	0.50	161	0.050	1	1.54	0.007	0.07	0.5	0.03	2.6	0.2	<0.05	4	<0.5	<0.2
1078932	Soil		28	29	0.51	165	0.047	3	1.80	0.011	0.08	0.9	0.03	2.6	0.3	<0.05	6	0.7	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078933	Soil		1.4	17.3	9.9	56	<0.1	16.1	7.2	269	2.41	34.0	5.0	4.1	1.9	12	<0.1	3.9	0.7	45	0.11	0.055
1078934	Soil		1.0	22.9	8.4	57	0.2	18.1	7.3	254	2.25	17.0	4.8	6.4	5.2	16	<0.1	2.7	0.4	39	0.22	0.063
1071169	Soil		1.1	62.6	9.8	62	0.4	18.9	8.4	365	2.32	311.8	3.5	12.2	8.5	21	0.3	52.2	3.2	46	0.26	0.080
1071175	Soil		1.2	59.0	10.0	67	0.4	20.8	10.0	432	2.50	143.5	3.9	9.8	9.3	22	0.3	5.6	2.0	52	0.28	0.084
1071172	Soil		1.4	76.7	11.5	78	0.3	22.2	10.9	674	2.61	508.6	7.9	15.5	10.8	27	0.4	26.7	2.7	52	0.30	0.095
1071178	Soil		4.4	49.9	35.3	96	0.3	13.9	10.6	604	3.46	353.0	11.5	19.8	15.7	50	0.3	103.6	1.5	32	0.32	0.112
1071171	Soil		1.0	71.9	9.7	62	0.5	20.7	9.2	393	2.34	443.7	2.6	16.7	6.4	16	0.3	15.6	5.2	44	0.21	0.069
1071177	Soil		3.3	65.1	88.6	127	0.8	12.0	12.9	370	3.50	362.8	18.7	2.7	24.6	77	0.7	134.7	4.1	18	0.24	0.088
1071170	Soil		1.2	93.0	13.4	66	0.3	20.9	9.7	372	2.62	617.8	4.5	23.4	8.1	17	0.3	179.6	4.8	49	0.22	0.083
1071174	Soil		1.5	50.5	10.0	66	0.2	19.2	9.0	452	2.43	211.1	3.2	8.5	8.7	20	0.3	7.4	2.4	49	0.28	0.090
1071176	Soil		3.4	64.0	76.2	126	0.6	12.0	12.9	369	3.34	360.1	18.0	2.9	23.1	71	0.7	129.7	3.2	19	0.27	0.085
1071168	Soil		0.7	176.3	25.3	72	2.9	16.7	6.8	338	2.39	1798	2.3	60.9	4.0	33	0.7	1033	10.9	32	0.62	0.088
1071173	Soil		1.3	78.6	9.8	71	0.3	20.0	9.0	297	2.48	260.7	7.8	9.1	9.8	27	0.3	37.3	2.4	51	0.29	0.087
1071179	Soil		1.3	39.9	11.1	53	0.2	15.0	7.1	260	2.27	172.9	3.3	6.9	8.0	13	0.2	25.2	1.5	41	0.20	0.064
1078927	Soil		1.8	23.7	12.6	69	0.2	19.0	8.6	391	2.51	77.1	3.8	12.0	6.3	25	0.2	4.5	0.8	52	0.29	0.076
1078928	Soil		1.4	16.9	9.1	47	0.1	14.0	8.4	407	1.94	45.3	3.2	9.5	3.7	19	<0.1	2.9	0.5	40	0.21	0.058
1078930	Soil		1.4	17.2	8.8	57	0.1	15.0	7.2	345	2.22	25.2	2.3	7.0	1.6	12	0.2	2.4	0.5	41	0.14	0.052
1078929	Soil		0.9	24.1	8.5	61	<0.1	20.3	8.5	333	2.34	29.1	1.9	0.8	6.7	17	0.4	4.0	0.4	41	0.23	0.082
1071182	Soil		1.2	25.0	10.1	66	0.1	19.7	9.1	419	2.34	49.0	2.4	8.1	8.7	17	0.4	3.9	0.7	44	0.23	0.078
1078924	Soil		1.5	27.0	10.9	59	0.3	14.7	5.7	175	2.09	80.2	5.5	16.4	6.5	19	0.2	6.1	1.5	39	0.18	0.079
1078925	Soil		1.5	25.4	10.6	62	0.2	17.4	7.0	288	2.29	62.4	4.0	7.7	7.1	20	0.2	5.0	1.0	43	0.21	0.080
1071181	Soil		1.7	44.5	13.3	77	0.2	22.9	9.1	396	2.55	119.3	4.0	4.8	9.7	18	0.4	7.5	1.7	46	0.22	0.083
1071183	Soil		1.1	19.4	11.4	50	<0.1	15.4	6.3	218	2.32	34.2	2.8	6.7	8.1	14	0.3	2.5	0.8	42	0.12	0.047
1071180	Soil		1.0	32.9	11.3	64	0.2	17.4	8.0	356	2.21	66.2	2.4	14.8	8.0	15	0.4	10.2	1.1	42	0.18	0.074
1078926	Soil		1.1	20.6	11.0	55	0.1	15.5	7.2	308	2.16	39.7	3.2	11.6	6.4	16	0.3	2.9	0.6	38	0.17	0.072
1071184	Soil		1.2	31.1	13.2	59	0.1	16.4	8.5	383	2.43	105.1	3.5	7.9	9.6	32	0.3	3.9	1.7	38	0.23	0.071
1071206	Soil		1.7	10.9	9.1	23	0.1	6.2	2.5	81	1.15	66.1	1.5	5.1	0.7	12	0.1	1.5	1.1	34	0.07	0.052
1071129	Soil		1.3	32.8	12.0	68	0.1	19.2	8.4	366	2.31	54.5	2.7	5.0	7.1	19	0.4	1.7	1.2	44	0.22	0.081
1071205	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1071130	Soil		1.3	42.8	19.3	68	0.3	16.6	8.2	442	2.28	98.8	3.7	7.4	8.5	52	0.3	2.7	1.8	48	0.32	0.080

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000175.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078933	Soil		20	25	0.42	108	0.037	<1	1.50	0.005	0.05	0.4	0.03	2.1	0.2	<0.05	5	0.7	<0.2
1078934	Soil		23	26	0.47	144	0.052	1	1.46	0.007	0.06	0.6	0.04	2.6	0.2	<0.05	4	<0.5	<0.2
1071169	Soil		28	27	0.44	177	0.068	<1	1.25	0.009	0.08	3.6	0.06	2.4	0.2	<0.05	4	0.7	<0.2
1071175	Soil		30	32	0.50	230	0.098	1	1.47	0.009	0.13	5.8	0.04	2.6	0.3	<0.05	5	<0.5	<0.2
1071172	Soil		34	31	0.50	236	0.082	<1	1.56	0.009	0.11	3.8	0.05	3.8	0.3	<0.05	5	0.7	<0.2
1071178	Soil		39	19	0.22	162	0.008	2	0.96	0.006	0.10	3.7	0.02	6.0	0.5	0.09	3	<0.5	<0.2
1071171	Soil		22	26	0.44	146	0.062	2	1.30	0.008	0.08	3.5	0.07	2.1	0.3	<0.05	4	0.7	<0.2
1071177	Soil		46	12	0.10	126	0.002	<1	0.55	0.004	0.09	4.9	0.02	10.7	0.3	0.06	2	0.7	<0.2
1071170	Soil		28	31	0.50	154	0.074	2	1.50	0.008	0.09	2.7	0.06	2.6	0.3	<0.05	5	<0.5	<0.2
1071174	Soil		23	30	0.48	155	0.090	1	1.33	0.009	0.11	8.9	0.05	2.4	0.3	<0.05	5	<0.5	<0.2
1071176	Soil		47	12	0.11	130	0.002	1	0.56	0.003	0.09	4.5	0.03	10.0	0.3	<0.05	2	0.6	<0.2
1071168	Soil		20	25	0.48	179	0.034	3	1.34	0.019	0.07	0.5	0.06	2.3	0.4	0.07	4	1.8	1.2
1071173	Soil		32	31	0.50	188	0.092	2	1.46	0.011	0.11	3.0	0.05	3.4	0.3	<0.05	5	0.8	<0.2
1071179	Soil		19	27	0.39	116	0.061	1	1.11	0.005	0.09	5.1	0.04	2.6	0.2	<0.05	4	0.7	<0.2
1078927	Soil		25	30	0.46	294	0.070	1	1.47	0.010	0.10	7.8	0.05	2.5	0.3	<0.05	6	<0.5	<0.2
1078928	Soil		21	22	0.37	181	0.047	2	1.06	0.007	0.07	7.4	0.02	1.7	0.2	<0.05	4	0.8	<0.2
1078930	Soil		15	23	0.38	106	0.036	1	1.18	0.005	0.06	1.1	0.03	1.4	0.2	<0.05	4	0.6	<0.2
1078929	Soil		20	23	0.38	109	0.057	<1	1.03	0.006	0.08	2.1	0.04	1.9	0.1	<0.05	3	<0.5	<0.2
1071182	Soil		24	27	0.45	204	0.074	1	1.46	0.009	0.11	12.0	0.04	2.4	0.2	<0.05	4	0.6	<0.2
1078924	Soil		33	25	0.39	192	0.051	2	1.25	0.008	0.08	7.6	0.05	3.0	0.2	0.08	5	<0.5	<0.2
1078925	Soil		25	27	0.40	233	0.063	1	1.19	0.009	0.09	6.7	0.04	2.7	0.2	<0.05	4	0.5	<0.2
1071181	Soil		23	29	0.48	234	0.082	1	1.50	0.010	0.10	6.3	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1071183	Soil		23	24	0.34	189	0.062	2	1.30	0.009	0.06	4.6	0.04	2.3	0.2	<0.05	4	<0.5	<0.2
1071180	Soil		22	25	0.41	167	0.068	2	1.17	0.008	0.09	3.4	0.04	2.5	0.2	<0.05	4	<0.5	<0.2
1078926	Soil		23	23	0.39	170	0.056	1	1.22	0.007	0.07	4.3	0.03	2.3	0.2	<0.05	4	<0.5	<0.2
1071184	Soil		32	24	0.43	312	0.046	1	1.27	0.007	0.06	3.5	0.04	3.1	0.2	<0.05	4	0.7	<0.2
1071206	Soil		12	15	0.16	93	0.029	<1	0.66	0.004	0.03	1.8	0.03	1.1	0.2	<0.05	4	<0.5	<0.2
1071129	Soil		21	27	0.44	181	0.070	2	1.22	0.010	0.08	6.8	0.03	2.3	0.2	<0.05	4	0.6	<0.2
1071205	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1071130	Soil		29	31	0.46	266	0.078	1	1.39	0.012	0.11	6.0	0.06	2.9	0.3	<0.05	5	0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000175.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1071132	Soil		2.7	56.3	20.5	59	0.7	16.0	6.2	204	2.34	267.6	5.0	21.4	5.5	25	0.3	7.7	2.7	45	0.26	0.077
1071203	Soil		1.2	38.7	10.7	59	0.2	18.2	8.2	385	2.27	33.1	4.8	9.5	8.6	21	0.3	1.4	0.8	41	0.23	0.082
1071202	Soil		2.0	42.2	14.9	50	0.3	14.1	4.7	137	1.98	97.8	6.4	3.8	2.9	22	0.3	3.0	1.4	48	0.21	0.058
1071204	Soil		1.0	27.6	8.9	58	0.1	16.5	7.6	356	2.07	82.6	3.4	4.7	7.9	24	0.4	1.4	1.0	38	0.25	0.080
1071131	Soil		2.3	37.1	14.3	54	0.4	15.0	6.9	335	2.20	110.0	3.7	6.8	5.0	56	0.1	2.9	2.1	44	0.22	0.074
1071126	Soil		0.9	31.5	12.8	63	0.3	17.4	7.6	367	2.11	88.2	2.5	17.9	7.7	19	0.4	3.9	1.4	41	0.22	0.084
1071122	Soil		1.7	20.8	12.9	62	0.2	17.4	8.2	243	2.72	68.0	2.1	4.0	10.4	49	0.3	4.2	1.4	50	0.21	0.069
1071127	Soil		1.1	41.5	13.1	70	0.2	19.8	9.1	453	2.39	98.7	3.5	6.8	10.9	25	0.4	2.1	1.8	47	0.23	0.095
1071128	Soil		1.0	52.6	21.3	76	0.5	17.8	9.5	453	2.48	150.9	3.3	6.1	11.6	43	0.6	3.3	3.8	49	0.34	0.091
1071115	Soil		1.2	36.8	11.5	56	0.2	15.8	6.0	218	2.11	159.3	2.9	3.0	3.7	19	0.4	1.7	2.5	41	0.16	0.073
1071113	Soil		1.0	36.6	10.7	69	0.2	19.5	9.3	458	2.36	107.3	4.1	22.2	9.5	34	0.3	2.6	2.7	47	0.29	0.092
1071120	Soil		1.5	22.3	11.4	58	0.1	17.1	8.0	332	2.26	43.5	3.1	15.5	7.4	19	0.4	1.2	0.9	42	0.17	0.060
1071118	Soil		4.2	86.9	17.5	78	0.8	21.4	11.3	653	2.98	252.4	12.0	5.9	6.1	40	0.3	4.2	4.3	59	0.39	0.105
1071114	Soil		1.4	40.4	13.2	73	0.2	20.0	8.8	395	2.57	105.4	5.1	13.4	7.9	21	0.4	3.2	2.0	53	0.20	0.084
1071116	Soil		0.9	37.0	9.2	62	0.2	18.8	8.3	376	2.17	39.3	2.3	7.0	8.9	21	0.4	1.5	1.1	42	0.21	0.074
1071112	Soil		1.0	73.7	14.4	73	0.4	17.5	10.5	514	2.51	163.1	5.7	12.3	13.0	57	0.3	3.4	2.4	56	0.44	0.112
1071111	Soil		1.3	44.9	12.6	63	0.3	17.2	7.3	264	2.10	219.2	4.8	12.3	4.3	29	0.3	5.5	5.0	45	0.21	0.080
1071117	Soil		2.1	30.5	15.0	61	0.3	17.0	7.8	323	2.41	52.0	5.4	14.3	4.3	28	0.3	2.6	1.9	52	0.27	0.079
1071121	Soil		1.4	24.0	11.3	60	0.1	18.5	8.4	361	2.25	90.1	2.7	6.4	10.6	46	0.3	1.6	1.1	44	0.23	0.075
1071119	Soil		2.5	36.0	11.7	54	0.3	14.8	8.5	420	2.28	79.1	5.4	4.8	6.4	34	0.1	2.1	1.8	45	0.37	0.075
1071207	Soil		2.9	35.8	17.2	66	0.2	18.0	12.3	718	2.84	219.5	10.1	7.5	5.6	32	0.2	2.2	2.4	55	0.28	0.097
1071124	Soil		3.5	45.4	19.3	86	0.4	23.5	11.7	653	3.11	251.1	10.9	10.8	11.0	47	0.3	3.9	2.8	56	0.44	0.093
1071209	Soil		1.2	19.6	10.6	57	<0.1	15.3	6.2	221	2.14	76.8	2.3	2.3	2.9	14	0.3	1.2	1.2	41	0.13	0.053
1071208	Soil		2.0	19.5	13.4	43	0.3	10.7	4.5	206	1.85	264.2	3.1	6.3	2.7	22	0.3	3.1	2.7	38	0.19	0.049
1071123	Soil		1.3	31.1	14.9	72	<0.1	18.2	9.6	459	2.67	126.5	2.9	10.5	16.6	58	0.4	4.1	3.8	52	0.50	0.113
1071125	Soil		2.1	12.5	12.9	46	0.2	13.3	5.5	201	2.69	50.4	1.3	2.1	5.8	14	0.3	1.3	0.8	54	0.10	0.040
1047440	Soil		1.9	25.0	10.0	54	0.3	20.8	7.8	350	2.17	62.3	1.8	8.8	2.5	19	0.2	1.1	0.3	39	0.23	0.073
1047441	Soil		0.9	26.0	8.6	58	<0.1	22.8	8.1	335	2.11	26.5	1.1	3.1	5.1	18	0.4	1.0	0.3	35	0.22	0.077
1047428	Soil		1.6	36.4	13.9	97	0.3	27.2	11.4	266	2.57	47.4	2.1	3.6	4.4	41	0.5	3.9	0.7	59	0.74	0.087
1047438	Soil		1.0	13.0	9.5	48	0.1	15.1	5.1	126	1.63	18.4	1.8	5.2	0.9	14	<0.1	0.8	0.3	36	0.15	0.059

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1071132	Soil		26	30	0.47	169	0.046	2	1.44	0.007	0.07	3.7	0.05	3.0	0.3	<0.05	5	<0.5	<0.2
1071203	Soil		30	27	0.44	207	0.065	<1	1.17	0.008	0.08	3.7	0.04	3.2	0.2	<0.05	4	<0.5	<0.2
1071202	Soil		26	26	0.42	218	0.046	2	1.26	0.007	0.06	2.6	0.04	2.5	0.2	<0.05	5	<0.5	<0.2
1071204	Soil		24	24	0.41	198	0.071	<1	0.95	0.010	0.08	4.2	0.02	2.6	0.2	<0.05	3	<0.5	<0.2
1071131	Soil		24	29	0.47	218	0.052	2	1.45	0.008	0.07	2.6	0.04	3.0	0.2	<0.05	5	0.5	<0.2
1071126	Soil		24	24	0.39	202	0.066	<1	0.95	0.008	0.08	3.1	0.04	2.9	0.2	<0.05	3	<0.5	<0.2
1071122	Soil		21	32	0.49	124	0.112	1	1.61	0.008	0.11	5.5	0.05	2.7	0.3	<0.05	5	<0.5	<0.2
1071127	Soil		31	31	0.48	195	0.086	<1	1.46	0.011	0.11	3.2	0.03	3.0	0.3	<0.05	5	<0.5	<0.2
1071128	Soil		33	36	0.62	269	0.084	<1	1.68	0.010	0.13	2.3	0.02	3.7	0.3	<0.05	6	<0.5	<0.2
1071115	Soil		19	26	0.36	166	0.062	<1	1.21	0.011	0.07	3.2	0.05	1.9	0.2	<0.05	5	<0.5	<0.2
1071113	Soil		33	30	0.47	223	0.082	1	1.37	0.010	0.09	3.8	0.04	3.2	0.3	<0.05	5	<0.5	<0.2
1071120	Soil		25	25	0.38	164	0.060	2	1.35	0.007	0.07	3.8	0.04	2.5	0.2	<0.05	4	<0.5	<0.2
1071118	Soil		37	37	0.55	292	0.076	1	1.89	0.014	0.10	5.6	0.08	3.9	0.4	<0.05	6	0.8	<0.2
1071114	Soil		28	33	0.53	201	0.099	2	1.59	0.015	0.11	4.0	0.04	3.4	0.3	<0.05	6	0.6	<0.2
1071116	Soil		25	27	0.43	211	0.076	<1	1.10	0.011	0.09	5.9	0.04	2.4	0.2	<0.05	4	<0.5	<0.2
1071112	Soil		44	40	0.68	253	0.137	<1	1.72	0.016	0.17	2.7	0.04	5.5	0.3	<0.05	7	0.5	<0.2
1071111	Soil		27	27	0.41	239	0.066	1	1.50	0.014	0.06	1.5	0.06	2.7	0.2	<0.05	5	0.5	<0.2
1071117	Soil		27	30	0.44	232	0.064	2	1.41	0.011	0.08	4.5	0.05	2.8	0.2	<0.05	5	<0.5	<0.2
1071121	Soil		23	28	0.45	164	0.088	1	1.29	0.008	0.09	5.7	0.03	2.6	0.2	<0.05	4	<0.5	<0.2
1071119	Soil		25	28	0.45	255	0.065	<1	1.32	0.010	0.07	2.8	0.07	3.1	0.3	<0.05	5	<0.5	<0.2
1071207	Soil		49	32	0.47	331	0.055	2	1.85	0.013	0.07	1.6	0.08	4.0	0.4	<0.05	6	0.5	<0.2
1071124	Soil		41	35	0.60	372	0.075	1	1.97	0.013	0.13	3.4	0.06	5.6	0.3	<0.05	6	0.6	<0.2
1071209	Soil		21	26	0.38	141	0.051	1	1.21	0.007	0.06	2.1	0.03	2.1	0.2	<0.05	4	<0.5	<0.2
1071208	Soil		20	20	0.29	193	0.039	1	1.02	0.008	0.06	1.2	0.06	2.1	0.2	<0.05	5	<0.5	<0.2
1071123	Soil		31	39	0.74	337	0.054	<1	2.01	0.008	0.16	3.3	0.02	5.6	0.3	<0.05	7	<0.5	<0.2
1071125	Soil		16	26	0.35	90	0.077	1	1.18	0.006	0.06	3.1	0.07	2.0	0.1	<0.05	5	<0.5	<0.2
1047440	Soil		20	29	0.42	158	0.036	<1	1.24	0.007	0.06	0.5	0.03	2.5	0.2	<0.05	4	1.0	<0.2
1047441	Soil		15	23	0.40	127	0.049	2	0.94	0.007	0.07	0.4	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1047428	Soil		19	35	0.64	320	0.057	2	1.61	0.021	0.08	0.4	0.05	3.7	0.1	<0.05	5	0.7	<0.2
1047438	Soil		15	27	0.42	152	0.023	<1	1.35	0.006	0.04	0.4	0.04	1.5	0.2	<0.05	4	0.8	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000175.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1047439	Soil		2.0	18.7	8.8	58	0.2	17.2	6.7	351	2.19	75.8	1.7	6.2	1.6	19	<0.1	0.9	0.3	42	0.22	0.077
1047437	Soil		1.7	18.9	12.1	59	0.2	17.6	8.9	278	2.46	117.4	4.8	5.8	4.2	21	0.4	3.1	1.3	43	0.17	0.064
1047491	Soil		1.2	15.4	9.8	54	<0.1	17.8	7.6	283	2.28	29.9	0.9	11.0	2.6	14	0.1	1.2	0.3	45	0.14	0.055
1047456	Soil		0.7	138.1	7.5	82	0.6	22.8	6.4	261	1.65	21.9	4.5	8.6	2.0	112	0.5	3.1	1.0	84	2.54	0.088
1047455	Soil		0.8	104.1	10.5	79	0.5	24.0	9.3	266	2.26	34.2	2.3	6.4	3.2	106	0.5	2.5	1.4	53	1.80	0.053
1047454	Soil		0.5	43.0	14.5	53	0.2	18.8	7.3	196	1.91	26.4	0.7	5.4	4.5	158	0.4	4.6	0.6	35	4.18	0.058
1047429	Soil		1.8	33.5	11.0	105	0.2	22.7	8.1	322	2.17	119.2	5.8	4.4	1.7	39	0.9	3.2	0.7	50	0.84	0.080
1047427	Soil		0.9	66.9	11.1	79	0.3	26.2	9.2	393	2.10	30.8	4.0	4.9	3.4	71	0.4	2.7	0.5	74	1.31	0.075
1047497	Soil		0.9	21.7	9.8	73	<0.1	23.4	10.4	304	2.49	14.3	0.9	33.6	4.4	17	0.3	1.1	0.3	44	0.17	0.064
1047496	Soil		0.9	27.3	9.2	70	0.2	24.8	12.6	452	2.73	30.6	1.5	13.3	5.5	20	0.4	0.9	0.8	51	0.18	0.063
1047495	Soil		1.6	25.8	17.4	112	0.2	25.2	14.0	656	2.93	40.1	1.3	7.2	2.5	20	0.6	3.6	0.7	55	0.17	0.080
1047492	Soil		1.0	16.2	10.5	53	<0.1	17.8	5.9	192	2.37	27.7	1.1	5.5	1.5	14	0.2	1.0	0.3	48	0.13	0.055
1047498	Soil		1.1	29.8	9.7	72	0.1	28.6	11.9	564	2.43	16.6	1.3	3.3	6.7	24	0.4	1.3	0.4	45	0.29	0.079
1047494	Soil		0.8	20.1	10.4	73	0.1	21.6	9.5	388	2.48	20.5	1.0	30.6	4.5	17	0.3	2.2	0.4	47	0.17	0.061
1047493	Soil		1.1	22.3	12.1	67	0.1	25.7	9.8	389	2.76	36.9	1.1	5.7	2.4	16	0.3	2.3	0.5	52	0.14	0.061
1047450	Soil		0.7	23.6	15.4	60	0.2	22.9	9.0	327	2.16	12.2	0.6	3.6	4.8	85	0.5	1.8	0.2	40	1.19	0.074
1047445	Soil		0.7	29.6	13.1	63	0.2	26.4	9.9	287	2.31	14.6	1.0	11.5	7.1	58	0.3	1.2	0.3	48	0.91	0.088
1047444	Soil		0.7	32.2	13.7	64	0.2	24.1	8.9	387	2.06	27.3	1.2	4.9	3.2	86	0.5	1.5	0.4	39	2.06	0.078
1047442	Soil		1.0	15.6	13.9	58	0.1	18.7	8.7	502	2.07	11.4	0.9	1.5	1.0	60	0.6	0.8	0.3	42	1.39	0.092
1047443	Soil		1.0	20.0	15.8	59	0.1	23.2	8.9	274	2.42	24.0	0.6	6.1	3.5	22	0.3	0.8	0.7	48	0.26	0.028
1047447	Soil		2.2	63.1	19.4	77	0.3	34.6	9.0	142	2.08	50.4	1.8	12.1	6.0	38	0.3	2.2	1.9	60	0.50	0.099
1047449	Soil		0.5	29.7	14.9	67	0.2	25.1	8.3	300	2.35	17.3	0.7	2.8	4.9	64	0.3	1.8	0.2	41	1.02	0.081
1047446	Soil		0.8	45.2	16.0	78	0.3	29.8	9.7	360	2.55	39.5	0.9	9.9	5.3	43	0.6	4.3	1.3	56	0.70	0.087
1047448	Soil		0.7	34.5	39.8	102	0.5	22.5	8.7	225	1.99	30.7	1.2	7.3	5.1	55	1.6	2.5	1.0	43	0.78	0.093
1047451	Soil		0.7	24.9	22.8	61	0.3	25.0	9.2	327	2.63	96.4	0.8	12.1	5.0	74	0.2	14.2	0.3	44	0.99	0.065
1047453	Soil		0.8	464.1	13.4	59	1.8	22.6	11.1	321	2.18	118.8	0.7	7.8	4.2	98	0.4	6.1	8.1	36	1.87	0.068
1047452	Soil		0.5	16.0	10.5	49	0.1	17.3	7.5	350	1.62	9.1	0.6	2.5	1.9	87	0.3	1.5	0.2	26	1.98	0.068
1078588	Soil		1.3	34.7	9.5	67	0.2	21.6	9.2	402	2.37	65.0	3.4	6.0	9.6	24	0.3	11.9	1.0	52	0.29	0.085
1078910	Soil		2.0	31.0	11.4	74	0.1	27.0	10.8	513	2.48	61.3	1.8	4.0	7.6	27	0.4	2.6	1.8	53	0.29	0.090
1078700	Soil		1.4	22.3	10.2	60	<0.1	22.3	9.4	386	2.31	20.2	1.2	4.5	5.6	18	0.2	2.4	0.6	44	0.19	0.063

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Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000175.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1047439	Soil		17	28	0.46	170	0.032	1	1.39	0.007	0.05	0.4	0.02	2.2	0.2	<0.05	4	0.8	<0.2
1047437	Soil		25	33	0.48	168	0.056	2	1.57	0.007	0.08	1.0	0.04	2.6	0.3	<0.05	5	0.6	<0.2
1047491	Soil		17	29	0.43	140	0.042	<1	1.33	0.006	0.06	0.4	0.04	2.4	0.1	<0.05	4	0.5	<0.2
1047456	Soil		12	31	0.89	209	0.068	5	1.74	0.050	0.08	0.3	0.07	2.8	0.2	0.10	5	2.5	<0.2
1047455	Soil		16	30	0.96	204	0.070	3	1.97	0.069	0.10	0.9	0.04	3.2	0.2	0.06	6	1.1	<0.2
1047454	Soil		18	28	0.90	286	0.051	3	1.92	0.059	0.07	0.6	0.04	3.1	0.1	<0.05	6	0.8	<0.2
1047429	Soil		19	30	0.55	322	0.051	3	1.58	0.014	0.07	0.5	0.04	2.7	0.2	0.05	5	1.1	<0.2
1047427	Soil		17	32	0.78	248	0.067	3	1.78	0.045	0.07	0.3	0.06	3.6	0.2	<0.05	5	1.2	<0.2
1047497	Soil		17	26	0.41	118	0.055	2	1.32	0.006	0.07	0.4	0.03	2.2	0.1	<0.05	4	0.5	<0.2
1047496	Soil		21	27	0.49	216	0.075	<1	1.51	0.008	0.11	0.6	0.07	3.5	0.2	<0.05	5	0.7	<0.2
1047495	Soil		16	46	0.45	231	0.065	1	1.61	0.009	0.15	0.3	0.04	3.4	0.2	<0.05	6	<0.5	<0.2
1047492	Soil		16	31	0.43	132	0.042	1	1.45	0.006	0.05	0.3	0.04	2.1	0.1	<0.05	5	<0.5	<0.2
1047498	Soil		21	28	0.48	218	0.079	1	1.34	0.009	0.10	0.4	0.03	3.7	0.1	<0.05	4	<0.5	<0.2
1047494	Soil		18	34	0.45	194	0.061	1	1.31	0.007	0.10	0.5	0.06	2.6	0.2	<0.05	4	<0.5	<0.2
1047493	Soil		17	41	0.45	160	0.050	2	1.49	0.007	0.08	0.4	0.04	2.6	0.2	<0.05	5	0.6	<0.2
1047450	Soil		18	26	0.64	223	0.043	2	1.94	0.044	0.06	0.2	0.03	3.5	<0.1	<0.05	5	0.7	<0.2
1047445	Soil		20	30	0.51	312	0.063	2	1.87	0.068	0.08	0.5	0.04	3.6	0.1	<0.05	5	0.6	<0.2
1047444	Soil		18	29	0.53	255	0.039	3	1.94	0.073	0.05	0.5	0.05	2.8	0.1	<0.05	6	0.6	<0.2
1047442	Soil		16	23	0.37	273	0.029	4	1.93	0.040	0.05	0.2	0.04	1.6	0.1	0.08	5	1.0	<0.2
1047443	Soil		15	25	0.41	220	0.048	1	1.54	0.011	0.05	0.3	0.04	2.4	0.1	<0.05	5	0.6	<0.2
1047447	Soil		21	31	0.59	313	0.071	2	1.73	0.026	0.08	0.9	0.05	3.3	0.2	<0.05	5	1.1	<0.2
1047449	Soil		21	28	0.59	300	0.033	3	1.87	0.043	0.05	0.3	0.03	3.7	0.1	<0.05	5	0.5	<0.2
1047446	Soil		19	34	0.54	333	0.058	3	1.96	0.028	0.09	0.3	0.04	4.4	0.1	<0.05	6	<0.5	<0.2
1047448	Soil		23	25	0.44	214	0.043	3	1.64	0.044	0.05	1.2	0.04	2.7	<0.1	<0.05	5	0.5	<0.2
1047451	Soil		20	32	0.60	207	0.037	3	2.13	0.048	0.06	0.2	0.05	3.7	0.2	<0.05	6	0.8	<0.2
1047453	Soil		21	24	0.54	273	0.041	3	1.68	0.075	0.06	1.8	0.05	2.8	0.1	<0.05	5	0.8	<0.2
1047452	Soil		14	19	0.42	167	0.023	3	1.55	0.067	0.04	0.3	0.05	1.8	<0.1	0.06	4	<0.5	<0.2
1078588	Soil		29	33	0.49	203	0.110	1	1.20	0.010	0.14	4.5	0.03	2.9	0.2	<0.05	4	0.7	<0.2
1078910	Soil		23	30	0.49	160	0.093	1	1.39	0.011	0.10	4.2	0.04	2.8	0.2	<0.05	4	0.8	<0.2
1078700	Soil		19	26	0.44	127	0.065	1	1.31	0.008	0.07	1.9	0.04	2.1	0.1	<0.05	4	0.8	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078587	Soil		1.9	24.9	10.9	65	0.1	22.4	10.0	416	2.60	36.6	1.5	17.8	5.2	17	0.2	3.3	0.6	51	0.19	0.067
1078911	Soil		2.0	43.5	12.0	64	0.2	22.2	9.3	385	2.49	41.9	5.2	12.2	10.1	25	0.3	5.0	0.8	51	0.23	0.094
1078589	Soil		2.6	35.3	15.0	67	0.2	20.4	10.0	464	2.47	166.5	5.7	8.2	10.6	31	0.4	5.8	2.2	49	0.28	0.083
1078909	Soil		1.7	31.9	10.5	69	0.1	25.7	10.6	482	2.42	61.8	1.8	13.3	8.4	25	0.3	2.5	1.3	47	0.27	0.103
1078908	Soil		1.1	27.6	14.5	64	1.2	23.2	9.3	353	2.24	277.8	1.5	25.9	6.8	16	0.4	2.4	43.1	42	0.21	0.086
1078907	Soil		1.7	146.4	13.0	99	0.4	30.0	11.6	470	2.70	282.7	17.3	59.2	11.7	101	0.4	3.6	4.9	61	0.40	0.116
1078905	Soil		1.3	48.5	13.1	69	0.4	21.4	10.6	587	2.39	269.7	5.5	25.6	10.7	22	0.4	5.8	4.0	50	0.24	0.098
1078904	Soil		1.3	74.1	12.9	70	0.5	22.2	9.7	373	2.59	467.9	4.3	27.8	6.5	27	0.3	22.4	4.9	51	0.26	0.094
1078906	Soil		1.5	61.0	13.9	94	0.4	29.7	11.3	462	2.62	262.0	9.2	24.6	11.1	27	0.6	3.8	6.1	55	0.24	0.100
1071192	Soil		1.4	27.0	12.6	57	<0.1	18.6	8.5	418	2.54	87.8	7.0	3.5	4.1	20	0.1	8.2	1.0	50	0.17	0.074
1071195	Soil		1.6	16.5	16.7	67	0.2	15.9	8.1	243	2.44	32.3	11.4	7.8	7.9	47	<0.1	4.7	0.7	45	0.40	0.100
1071193	Soil		4.4	14.8	10.4	51	0.2	15.6	6.9	196	2.11	73.9	9.7	4.2	2.1	23	<0.1	42.1	0.6	42	0.23	0.086
1071194	Soil		4.4	15.7	9.4	56	0.1	17.3	8.7	362	2.40	28.6	7.7	4.7	6.3	18	<0.1	13.4	0.5	43	0.21	0.070
1071196	Soil		1.3	14.6	16.1	60	0.1	15.6	6.5	139	2.28	32.0	11.2	2.2	4.1	45	<0.1	3.1	0.7	44	0.38	0.088
1071190	Soil		1.6	21.4	11.6	57	0.1	16.9	7.2	309	2.36	79.9	4.1	8.3	5.9	23	0.2	4.2	0.7	46	0.21	0.077
1071188	Soil		1.6	14.6	10.2	49	0.1	9.7	5.8	323	1.51	98.8	1.4	25.6	4.4	12	0.2	7.4	0.8	36	0.12	0.057
1071191	Soil		1.7	17.0	11.2	50	0.1	14.5	7.0	275	2.16	80.8	5.0	5.2	3.0	18	<0.1	2.8	0.9	43	0.14	0.065
1071189	Soil		1.6	12.0	10.5	30	0.1	9.0	2.7	91	1.63	65.1	2.2	5.0	0.8	11	0.1	4.1	0.8	38	0.07	0.051
1071186	Soil		2.3	24.0	13.2	67	0.2	18.8	9.7	429	2.51	79.3	2.9	5.7	6.1	25	0.3	10.0	1.0	50	0.26	0.077
1071187	Soil		1.5	15.6	8.3	33	0.5	10.0	3.7	114	1.44	54.1	2.1	4.0	2.9	15	0.1	7.5	0.8	39	0.11	0.040
1078594	Soil		3.5	31.8	13.2	66	0.4	19.4	9.9	441	2.57	95.8	6.2	9.0	8.2	19	0.2	21.7	1.4	54	0.20	0.080
1071185	Soil		2.7	23.8	11.3	63	0.3	17.1	9.1	406	2.29	76.9	4.0	15.4	6.6	20	0.2	14.0	1.1	48	0.21	0.078
1078593	Soil		2.7	22.6	10.5	57	0.2	17.2	7.6	282	2.17	80.2	3.7	7.6	8.1	22	0.2	15.0	1.1	44	0.24	0.087
1078592	Soil		2.5	28.4	11.5	57	0.2	18.1	7.4	182	2.10	52.9	5.3	15.3	5.1	17	<0.1	8.1	1.1	45	0.17	0.068
1078591	Soil		3.3	24.8	12.0	72	<0.1	20.4	8.7	389	2.42	77.6	2.9	6.8	10.1	24	0.3	6.7	1.3	54	0.25	0.073
1078590	Soil		3.0	33.8	15.2	68	0.1	22.2	10.6	448	2.69	129.3	4.5	13.2	9.1	24	0.3	10.7	2.2	54	0.23	0.074
1079000	Soil		2.4	44.4	13.6	79	0.2	23.4	10.3	457	2.73	63.5	4.2	4.2	6.6	19	0.4	3.0	1.9	55	0.21	0.088
1078988	Soil		4.3	84.3	17.4	76	0.3	24.5	12.1	611	2.96	212.3	10.8	21.1	10.5	23	0.2	3.7	2.9	53	0.26	0.100
1078982	Soil		1.3	84.6	13.0	83	0.5	24.3	11.2	527	2.64	431.7	5.7	40.3	13.3	28	0.4	3.8	11.9	58	0.31	0.112
1071058	Soil		1.3	18.5	10.0	61	<0.1	20.5	9.4	380	2.16	47.8	1.9	8.4	8.4	22	0.3	1.8	0.5	43	0.26	0.092

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000175.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078587	Soil	19	29	0.44	93	0.073	2	1.36	0.007	0.07	2.0	0.05	2.3	0.1	<0.05	4	1.0	<0.2
1078911	Soil	25	31	0.52	170	0.068	<1	1.48	0.007	0.09	1.5	0.05	3.4	0.2	<0.05	4	<0.5	<0.2
1078589	Soil	28	29	0.51	272	0.079	1	1.39	0.008	0.13	4.9	0.04	3.1	0.3	<0.05	4	<0.5	<0.2
1078909	Soil	21	28	0.48	153	0.078	1	1.34	0.008	0.09	4.3	0.04	2.3	0.2	<0.05	3	<0.5	<0.2
1078908	Soil	18	24	0.38	131	0.059	1	1.08	0.008	0.06	4.9	0.05	1.8	0.2	<0.05	3	<0.5	<0.2
1078907	Soil	31	33	0.50	332	0.096	1	1.64	0.012	0.12	3.7	0.05	4.2	0.2	<0.05	5	0.5	<0.2
1078905	Soil	31	30	0.46	173	0.075	1	1.46	0.009	0.09	3.0	0.06	2.8	0.2	<0.05	4	0.5	<0.2
1078904	Soil	24	30	0.46	182	0.063	2	1.55	0.009	0.08	2.3	0.06	2.4	0.2	<0.05	5	<0.5	<0.2
1078906	Soil	34	33	0.48	326	0.089	1	1.87	0.009	0.09	4.2	0.07	3.6	0.3	<0.05	5	<0.5	<0.2
1071192	Soil	28	31	0.46	198	0.059	2	1.72	0.007	0.09	2.4	0.03	2.6	0.3	<0.05	6	<0.5	<0.2
1071195	Soil	33	30	0.57	196	0.041	2	1.67	0.007	0.07	1.0	0.05	4.1	0.3	<0.05	5	<0.5	<0.2
1071193	Soil	20	31	0.47	221	0.036	2	1.67	0.007	0.06	1.1	0.05	2.2	0.3	<0.05	5	<0.5	<0.2
1071194	Soil	21	29	0.47	168	0.061	<1	1.51	0.007	0.07	1.0	0.04	2.4	0.2	<0.05	4	<0.5	<0.2
1071196	Soil	30	29	0.56	197	0.033	3	1.79	0.008	0.06	0.5	0.03	3.3	0.4	<0.05	5	<0.5	<0.2
1071190	Soil	26	24	0.41	171	0.052	<1	1.33	0.007	0.08	2.9	0.03	2.3	0.2	<0.05	4	<0.5	<0.2
1071188	Soil	15	19	0.23	101	0.045	1	0.82	0.007	0.07	3.3	0.03	1.3	0.2	<0.05	4	<0.5	<0.2
1071191	Soil	22	24	0.38	181	0.040	1	1.32	0.008	0.06	2.1	0.03	2.0	0.2	<0.05	4	<0.5	<0.2
1071189	Soil	10	19	0.17	92	0.025	<1	0.86	0.007	0.04	1.4	0.05	1.0	0.2	<0.05	4	<0.5	<0.2
1071186	Soil	22	32	0.43	253	0.068	1	1.36	0.009	0.10	4.1	0.04	2.3	0.2	<0.05	5	<0.5	<0.2
1071187	Soil	18	19	0.23	125	0.053	1	0.87	0.006	0.05	2.8	0.05	1.4	0.2	<0.05	4	<0.5	<0.2
1078594	Soil	32	32	0.46	258	0.067	1	1.59	0.009	0.09	5.3	0.05	3.1	0.3	<0.05	5	<0.5	<0.2
1071185	Soil	23	28	0.41	217	0.063	1	1.33	0.009	0.09	5.3	0.05	2.5	0.2	<0.05	4	<0.5	<0.2
1078593	Soil	26	26	0.42	209	0.064	<1	1.24	0.008	0.08	5.0	0.05	2.3	0.2	<0.05	4	<0.5	<0.2
1078592	Soil	27	28	0.44	202	0.052	<1	1.50	0.007	0.06	2.1	0.05	2.7	0.2	<0.05	5	<0.5	<0.2
1078591	Soil	23	32	0.51	208	0.110	1	1.40	0.010	0.15	7.5	0.04	2.4	0.3	<0.05	5	<0.5	<0.2
1078590	Soil	22	33	0.52	208	0.084	1	1.69	0.009	0.13	3.1	0.03	2.9	0.3	<0.05	5	<0.5	<0.2
1079000	Soil	28	32	0.50	250	0.081	2	1.53	0.009	0.11	3.9	0.05	3.1	0.3	<0.05	5	<0.5	<0.2
1078988	Soil	31	31	0.58	185	0.069	1	1.66	0.008	0.09	5.7	0.07	4.2	0.3	<0.05	5	<0.5	<0.2
1078982	Soil	31	39	0.60	229	0.126	1	1.63	0.012	0.16	6.3	0.05	3.5	0.4	<0.05	5	<0.5	<0.2
1071058	Soil	21	24	0.43	153	0.068	1	1.17	0.009	0.08	2.7	0.04	2.2	0.2	<0.05	3	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

CERTIFICATE OF ANALYSIS DAW11000175.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078983	Soil		1.5	71.2	14.2	84	0.4	24.0	11.8	616	2.56	344.8	12.2	49.8	15.8	35	0.4	4.1	6.2	56	0.31	0.110
1078987	Soil		2.6	119.6	33.8	85	0.4	25.0	17.5	1124	4.07	370.1	11.0	12.4	19.0	68	0.7	20.5	4.8	47	0.55	0.119
1078976	Soil		2.9	31.3	11.9	64	0.1	17.7	10.6	419	2.35	126.4	3.0	6.5	11.0	39	0.3	4.7	2.2	45	0.28	0.097
1078979	Soil		3.6	19.7	18.8	65	0.2	17.4	10.0	391	2.57	197.9	2.0	11.8	10.3	22	0.4	2.6	1.6	46	0.18	0.071
1078989	Soil		1.2	49.1	14.0	76	<0.1	12.6	10.4	547	3.56	61.1	4.4	5.6	16.2	48	0.2	4.8	0.9	63	0.83	0.138
1078981	Soil		1.1	28.5	9.1	62	0.1	20.7	9.0	348	2.31	129.4	2.5	8.4	10.3	23	0.2	3.2	1.5	46	0.27	0.099
1078980	Soil		1.0	50.6	10.6	79	0.3	24.9	10.7	508	2.35	236.7	3.0	15.7	8.4	25	0.5	7.8	2.4	46	0.28	0.102
1078977	Soil		3.6	16.5	11.8	57	0.1	16.5	7.3	272	2.39	42.8	1.1	2.5	5.1	21	0.3	2.6	1.1	48	0.18	0.055
1078986	Soil		1.5	52.8	12.3	80	0.4	23.1	10.7	469	2.79	51.7	6.0	12.6	8.8	28	0.4	2.7	1.6	58	0.27	0.084
1078985	Soil		1.7	45.4	12.3	86	0.2	25.4	10.9	515	2.58	86.5	7.3	5.5	9.1	23	0.3	3.5	1.2	58	0.27	0.097
1078984	Soil		1.6	36.7	11.5	79	0.6	22.6	12.1	430	2.57	335.8	2.6	6.1	6.9	23	0.3	2.7	2.1	50	0.21	0.083
1071055	Soil		2.3	25.8	9.9	60	0.1	19.1	8.5	308	2.26	31.1	5.3	5.2	9.1	19	0.3	2.0	0.5	44	0.23	0.075
1078978	Soil		4.1	17.2	11.0	51	<0.1	17.8	7.7	261	2.24	23.7	1.1	12.8	5.6	18	0.2	1.6	0.6	47	0.18	0.058
1078990	Soil		2.9	22.3	10.3	59	0.1	17.1	7.3	322	2.12	139.5	6.8	4.0	9.5	29	0.2	2.4	0.9	42	0.29	0.079
1071051	Soil		2.4	37.8	11.8	63	0.1	22.2	9.6	409	2.32	81.0	2.6	11.8	8.2	20	0.5	1.4	1.0	47	0.26	0.094
1071056	Soil		2.2	25.9	9.7	61	0.1	19.0	8.9	312	2.29	31.6	5.2	6.9	9.4	20	0.2	2.0	0.5	44	0.23	0.076
1071052	Soil		6.6	38.5	12.9	70	0.3	20.7	8.3	183	2.73	94.0	9.0	18.8	9.5	21	0.1	3.4	2.2	54	0.29	0.083
1071053	Soil		2.9	16.0	10.1	49	<0.1	15.6	5.8	172	2.13	27.3	1.7	3.1	4.9	20	0.2	1.7	0.8	41	0.25	0.077
1071054	Soil		2.4	20.3	11.4	58	0.2	19.0	9.0	352	2.38	58.5	1.9	6.1	8.9	28	0.3	3.0	1.1	47	0.22	0.068
1071057	Soil		1.4	19.2	9.8	64	<0.1	21.4	9.5	390	2.25	49.2	1.9	1.6	8.0	23	0.3	1.5	0.5	44	0.28	0.088
1078998	Soil		1.2	28.6	10.2	68	<0.1	21.7	9.1	376	2.35	36.1	1.8	7.8	5.6	18	0.2	2.0	0.9	48	0.21	0.077
1078991	Soil		0.9	25.0	9.5	63	0.1	22.1	9.4	428	2.28	76.8	1.8	3.6	6.1	16	0.4	2.6	1.1	44	0.19	0.068
1078994	Soil		1.5	62.9	12.9	84	0.3	26.7	11.1	549	2.76	243.1	5.6	11.9	10.8	27	0.5	3.0	4.3	57	0.27	0.095
1078996	Soil		1.2	52.4	10.5	66	0.3	21.0	9.1	405	2.37	185.0	6.6	6.2	11.8	27	0.3	3.6	1.8	50	0.29	0.081
1078992	Soil		1.4	38.3	12.1	93	0.3	26.6	12.0	589	2.62	179.8	2.8	23.1	7.7	17	0.5	2.1	4.2	54	0.20	0.083
1078997	Soil		1.8	154.9	18.9	78	1.0	23.9	11.6	523	2.84	296.2	6.7	13.6	11.1	48	0.6	4.1	6.6	57	0.36	0.097
1078995	Soil		1.4	38.8	14.8	76	0.3	22.9	11.4	566	2.49	151.1	2.9	6.5	7.7	18	0.4	2.2	4.2	51	0.22	0.087
1078993	Soil		1.6	63.9	13.5	84	0.4	27.0	11.6	582	2.82	252.2	5.7	15.5	10.7	28	0.4	3.0	4.5	59	0.28	0.097
1078999	Soil		1.3	32.3	12.9	77	0.2	25.6	11.1	534	2.61	59.7	4.7	6.9	8.9	23	0.4	1.7	0.9	53	0.25	0.081

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078983	Soil		38	36	0.56	301	0.129	<1	1.77	0.011	0.15	8.1	0.07	4.2	0.4	<0.05	6	<0.5	<0.2
1078987	Soil		43	29	0.85	578	0.037	<1	2.47	0.006	0.14	2.5	0.03	7.7	0.4	<0.05	7	<0.5	<0.2
1078976	Soil		26	32	0.53	223	0.108	1	1.61	0.008	0.16	5.1	0.03	2.5	0.4	<0.05	5	<0.5	<0.2
1078979	Soil		23	28	0.49	142	0.066	<1	1.62	0.007	0.09	1.8	0.04	2.5	0.2	<0.05	5	0.5	<0.2
1078989	Soil		36	49	1.25	497	0.116	<1	3.47	0.006	0.51	0.6	0.02	10.2	0.5	<0.05	10	<0.5	<0.2
1078981	Soil		25	29	0.43	136	0.074	1	1.09	0.009	0.07	4.4	0.03	2.4	0.2	<0.05	4	0.5	<0.2
1078980	Soil		24	29	0.45	203	0.065	1	1.42	0.010	0.08	2.6	0.04	2.6	0.2	<0.05	4	<0.5	<0.2
1078977	Soil		15	26	0.41	132	0.076	2	1.15	0.007	0.09	2.9	0.04	2.0	0.1	<0.05	5	<0.5	<0.2
1078986	Soil		27	34	0.56	278	0.104	3	1.61	0.009	0.10	2.8	0.05	3.7	0.3	<0.05	5	0.6	<0.2
1078985	Soil		26	33	0.52	215	0.111	2	1.65	0.010	0.12	3.0	0.05	3.0	0.3	<0.05	5	0.6	<0.2
1078984	Soil		21	30	0.44	142	0.075	2	1.63	0.009	0.07	3.3	0.05	2.5	0.2	<0.05	5	0.6	<0.2
1071055	Soil		30	25	0.43	193	0.075	2	1.20	0.008	0.08	2.4	0.05	2.9	0.2	<0.05	4	<0.5	<0.2
1078978	Soil		17	24	0.38	134	0.076	2	1.30	0.007	0.07	2.6	0.04	1.9	0.2	<0.05	5	<0.5	<0.2
1078990	Soil		28	26	0.47	174	0.073	2	1.20	0.008	0.09	2.4	0.04	3.5	0.2	<0.05	4	<0.5	<0.2
1071051	Soil		24	25	0.43	157	0.069	1	1.04	0.010	0.08	4.7	0.04	2.5	0.1	<0.05	3	<0.5	<0.2
1071056	Soil		30	25	0.44	190	0.080	2	1.21	0.008	0.08	2.4	0.07	2.9	0.2	<0.05	4	0.5	<0.2
1071052	Soil		31	31	0.51	215	0.080	1	1.56	0.008	0.09	3.8	0.05	4.0	0.3	<0.05	5	0.6	<0.2
1071053	Soil		19	24	0.43	123	0.069	2	1.11	0.008	0.08	2.3	0.05	2.1	0.2	<0.05	4	<0.5	<0.2
1071054	Soil		22	27	0.45	168	0.086	1	1.45	0.007	0.11	4.3	0.04	2.6	0.2	<0.05	5	<0.5	<0.2
1071057	Soil		21	26	0.46	148	0.074	3	1.22	0.009	0.09	2.6	0.02	2.4	0.2	<0.05	4	<0.5	<0.2
1078998	Soil		21	28	0.46	160	0.079	1	1.37	0.008	0.09	2.8	0.04	2.1	0.2	<0.05	4	<0.5	<0.2
1078991	Soil		23	26	0.41	163	0.054	1	1.22	0.007	0.05	2.5	0.07	2.2	0.1	<0.05	3	0.6	<0.2
1078994	Soil		31	35	0.55	226	0.090	2	1.62	0.010	0.11	3.3	0.04	3.6	0.3	<0.05	5	<0.5	<0.2
1078996	Soil		30	33	0.51	189	0.101	1	1.34	0.010	0.12	4.1	0.04	3.7	0.3	<0.05	5	<0.5	<0.2
1078992	Soil		24	31	0.47	167	0.075	2	1.84	0.009	0.08	2.0	0.05	2.9	0.3	<0.05	5	0.9	<0.2
1078997	Soil		35	35	0.61	283	0.086	1	1.72	0.009	0.12	5.3	0.05	4.2	0.3	<0.05	6	0.6	<0.2
1078995	Soil		23	31	0.46	183	0.088	1	1.47	0.010	0.10	3.8	0.05	2.6	0.2	<0.05	5	<0.5	<0.2
1078993	Soil		31	36	0.58	233	0.096	2	1.70	0.011	0.11	3.6	0.05	3.7	0.3	<0.05	5	<0.5	<0.2
1078999	Soil		30	32	0.52	345	0.078	1	1.45	0.010	0.10	2.7	0.06	4.0	0.2	<0.05	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

QUALITY CONTROL REPORT DAW11000175.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1078738	Soil	0.8	55.4	11.3	62	0.3	18.1	8.1	362	2.19	238.3	2.5	25.1	6.2	32	0.4	26.5	4.2	38	0.38	0.079
REP 1078738	QC	0.8	56.1	11.4	66	0.3	18.8	8.0	355	2.20	238.3	2.4	25.4	6.1	32	0.4	25.3	4.3	38	0.39	0.080
1047478	Soil	1.7	27.1	8.8	50	0.2	14.0	7.7	321	2.09	248.1	3.8	1.7	2.9	19	<0.1	4.8	0.8	44	0.22	0.052
REP 1047478	QC	1.9	27.0	8.5	49	0.2	14.0	7.4	314	2.06	243.5	3.7	3.0	3.0	18	<0.1	4.9	0.8	43	0.21	0.050
1074620	Soil	0.4	23.2	15.9	55	0.2	18.6	7.2	200	1.85	20.7	0.6	1.7	4.9	93	0.2	1.8	0.4	30	0.98	0.067
REP 1074620	QC	0.6	23.9	16.2	56	0.2	19.3	7.3	209	1.87	21.1	0.6	1.4	4.9	94	0.3	2.0	0.4	31	1.01	0.068
1071176	Soil	3.4	64.0	76.2	126	0.6	12.0	12.9	369	3.34	360.1	18.0	2.9	23.1	71	0.7	129.7	3.2	19	0.27	0.085
REP 1071176	QC	3.4	64.7	77.0	126	0.7	11.6	12.6	370	3.32	369.3	18.2	4.5	23.3	70	0.7	134.3	3.2	19	0.27	0.084
1071204	Soil	1.0	27.6	8.9	58	0.1	16.5	7.6	356	2.07	82.6	3.4	4.7	7.9	24	0.4	1.4	1.0	38	0.25	0.080
REP 1071204	QC	1.1	28.4	9.1	59	0.1	17.5	7.9	353	2.02	86.2	3.5	7.8	8.2	25	0.3	1.4	1.0	39	0.26	0.093
1071120	Soil	1.5	22.3	11.4	58	0.1	17.1	8.0	332	2.26	43.5	3.1	15.5	7.4	19	0.4	1.2	0.9	42	0.17	0.060
REP 1071120	QC	1.5	21.7	10.9	57	0.1	17.8	8.3	338	2.28	43.8	3.1	6.2	7.2	20	0.3	1.2	0.9	41	0.16	0.053
1047497	Soil	0.9	21.7	9.8	73	<0.1	23.4	10.4	304	2.49	14.3	0.9	33.6	4.4	17	0.3	1.1	0.3	44	0.17	0.064
REP 1047497	QC	0.9	21.3	9.7	74	<0.1	23.4	10.4	304	2.47	14.0	0.9	11.4	4.6	17	0.2	1.0	0.3	43	0.17	0.062
1047453	Soil	0.8	464.1	13.4	59	1.8	22.6	11.1	321	2.18	118.8	0.7	7.8	4.2	98	0.4	6.1	8.1	36	1.87	0.068
REP 1047453	QC	0.7	465.1	13.3	58	1.8	23.1	11.2	324	2.22	118.6	0.7	10.3	4.2	96	0.6	6.0	8.0	37	1.94	0.068
1078908	Soil	1.1	27.6	14.5	64	1.2	23.2	9.3	353	2.24	277.8	1.5	25.9	6.8	16	0.4	2.4	43.1	42	0.21	0.086
REP 1078908	QC	1.1	27.6	14.9	65	1.2	21.8	9.0	356	2.16	290.1	1.6	34.0	7.1	17	0.4	2.7	43.2	42	0.21	0.082
1078983	Soil	1.5	71.2	14.2	84	0.4	24.0	11.8	616	2.56	344.8	12.2	49.8	15.8	35	0.4	4.1	6.2	56	0.31	0.110
REP 1078983	QC	1.5	69.0	14.3	83	0.4	24.3	11.9	625	2.60	340.9	11.9	19.8	15.3	35	0.5	3.8	6.4	57	0.29	0.112
1071052	Soil	6.6	38.5	12.9	70	0.3	20.7	8.3	183	2.73	94.0	9.0	18.8	9.5	21	0.1	3.4	2.2	54	0.29	0.083
REP 1071052	QC	6.5	37.3	12.7	71	0.3	20.1	8.2	179	2.72	93.2	8.8	5.4	9.4	21	0.2	3.4	2.1	54	0.28	0.081
Reference Materials																					
STD DS8	Standard	13.1	101.1	119.8	299	1.8	36.1	7.5	601	2.35	24.4	2.7	116.0	6.5	62	2.4	5.4	6.4	41	0.68	0.077
STD DS8	Standard	13.8	118.0	128.9	323	1.8	40.7	8.2	634	2.56	25.9	2.9	111.5	7.2	70	2.4	5.8	6.9	46	0.72	0.084
STD DS8	Standard	13.5	116.2	128.6	326	1.9	39.7	8.0	646	2.60	25.8	2.8	111.6	6.9	69	2.4	5.7	6.7	45	0.75	0.081
STD DS8	Standard	12.3	112.8	123.5	310	1.8	38.6	7.6	587	2.41	24.3	2.8	107.3	6.6	63	2.4	5.9	6.8	42	0.63	0.079
STD DS8	Standard	14.5	117.8	126.4	319	1.8	41.1	8.1	630	2.51	24.6	3.1	109.2	7.6	71	2.5	5.8	6.7	45	0.71	0.078

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

QUALITY CONTROL REPORT DAW11000175.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1078738	Soil	24	25	0.38	184	0.041	1	1.32	0.010	0.05	3.0	0.06	2.1	0.1	<0.05	4	<0.5	<0.2
REP 1078738	QC	24	25	0.38	184	0.042	2	1.33	0.010	0.06	2.7	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1047478	Soil	18	27	0.47	160	0.042	1	1.32	0.006	0.07	0.9	0.04	2.1	0.3	<0.05	5	<0.5	<0.2
REP 1047478	QC	18	26	0.47	155	0.038	<1	1.30	0.005	0.06	0.9	0.02	2.1	0.2	<0.05	4	<0.5	<0.2
1074620	Soil	16	19	0.53	186	0.035	3	1.51	0.056	0.05	0.4	0.05	2.2	<0.1	<0.05	4	<0.5	<0.2
REP 1074620	QC	17	21	0.55	191	0.039	3	1.55	0.060	0.05	0.4	0.05	2.4	<0.1	<0.05	4	<0.5	<0.2
1071176	Soil	47	12	0.11	130	0.002	1	0.56	0.003	0.09	4.5	0.03	10.0	0.3	<0.05	2	0.6	<0.2
REP 1071176	QC	46	12	0.11	128	0.002	<1	0.58	0.003	0.09	4.6	0.01	10.3	0.3	<0.05	2	<0.5	<0.2
1071204	Soil	24	24	0.41	198	0.071	<1	0.95	0.010	0.08	4.2	0.02	2.6	0.2	<0.05	3	<0.5	<0.2
REP 1071204	QC	25	25	0.43	204	0.071	<1	1.01	0.008	0.08	4.7	0.03	2.6	0.2	<0.05	3	<0.5	<0.2
1071120	Soil	25	25	0.38	164	0.060	2	1.35	0.007	0.07	3.8	0.04	2.5	0.2	<0.05	4	<0.5	<0.2
REP 1071120	QC	24	25	0.39	161	0.060	<1	1.27	0.008	0.07	3.5	0.05	2.3	0.2	<0.05	4	<0.5	<0.2
1047497	Soil	17	26	0.41	118	0.055	2	1.32	0.006	0.07	0.4	0.03	2.2	0.1	<0.05	4	0.5	<0.2
REP 1047497	QC	18	26	0.41	118	0.058	<1	1.33	0.007	0.07	0.5	0.07	2.3	0.1	<0.05	4	<0.5	<0.2
1047453	Soil	21	24	0.54	273	0.041	3	1.68	0.075	0.06	1.8	0.05	2.8	0.1	<0.05	5	0.8	<0.2
REP 1047453	QC	20	25	0.53	276	0.039	3	1.67	0.075	0.06	2.0	0.04	2.8	0.1	<0.05	5	1.1	<0.2
1078908	Soil	18	24	0.38	131	0.059	1	1.08	0.008	0.06	4.9	0.05	1.8	0.2	<0.05	3	<0.5	<0.2
REP 1078908	QC	18	25	0.40	131	0.062	<1	1.09	0.007	0.07	4.5	0.05	1.8	0.2	<0.05	3	<0.5	<0.2
1078983	Soil	38	36	0.56	301	0.129	<1	1.77	0.011	0.15	8.1	0.07	4.2	0.4	<0.05	6	<0.5	<0.2
REP 1078983	QC	37	36	0.56	282	0.128	<1	1.76	0.010	0.15	7.3	0.05	4.1	0.4	<0.05	5	<0.5	<0.2
1071052	Soil	31	31	0.51	215	0.080	1	1.56	0.008	0.09	3.8	0.05	4.0	0.3	<0.05	5	0.6	<0.2
REP 1071052	QC	30	31	0.49	216	0.081	2	1.53	0.009	0.10	4.0	0.05	4.1	0.3	<0.05	5	0.9	<0.2
Reference Materials																		
STD DS8	Standard	15	113	0.59	281	0.106	2	0.90	0.090	0.41	3.0	0.20	1.9	5.4	0.14	5	5.3	5.0
STD DS8	Standard	17	125	0.65	287	0.131	2	0.97	0.092	0.42	3.0	0.19	2.4	5.4	0.19	5	5.1	5.2
STD DS8	Standard	16	121	0.66	279	0.127	4	1.01	0.104	0.42	3.0	0.21	2.2	6.1	0.18	5	5.7	5.4
STD DS8	Standard	13	116	0.60	252	0.112	3	0.85	0.076	0.39	2.9	0.19	2.0	5.4	0.15	4	4.4	4.7
STD DS8	Standard	17	125	0.63	289	0.135	2	0.92	0.088	0.41	2.9	0.19	2.4	5.4	0.15	5	5.4	5.1

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

QUALITY CONTROL REPORT DAW11000175.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	12.6	111.3	119.7	316	1.8	35.5	7.1	575	2.32	25.0	2.8	123.6	6.9	69	2.5	6.1	7.3	39	0.63	0.077
STD DS8	Standard	14.9	123.4	129.4	323	1.8	42.4	8.3	613	2.57	26.5	3.0	123.3	7.7	74	2.6	5.9	7.1	45	0.72	0.091
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 28, 2011

QUALITY CONTROL REPORT DAW11000175.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	15	114	0.55	266	0.117	2	0.85	0.088	0.39	2.8	0.19	2.1	5.2	0.14	5	4.7	4.7
STD DS8	Standard	16	124	0.63	285	0.125	2	0.95	0.095	0.43	3.0	0.20	2.2	5.8	0.16	5	5.4	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 10, 2011
Report Date: August 29, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000177.1

CLIENT JOB INFORMATION

Project: MAH
Shipment ID: MAH2011-03
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000177.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1149539	Soil		0.6	22.2	12.3	55	0.2	19.7	8.8	454	1.75	127.0	1.0	16.1	2.1	91	0.5	1.4	0.8	30	1.74	0.097
1149541	Soil		0.7	37.4	20.9	73	0.4	22.0	9.5	332	2.11	52.2	2.0	8.5	2.4	95	0.5	1.8	0.4	47	1.43	0.085
1149540	Soil		0.4	19.6	20.8	62	0.2	17.8	9.0	508	1.89	59.6	1.1	3.4	1.9	124	0.6	1.7	0.5	33	2.37	0.084
1149542	Soil		0.9	30.9	19.2	72	0.3	20.3	9.8	525	2.03	55.9	5.1	5.5	3.1	76	0.5	1.8	0.9	41	1.27	0.101
1149535	Soil		0.7	50.0	16.9	66	0.3	24.1	9.8	429	2.27	40.1	0.7	18.3	4.6	77	0.4	2.4	1.6	41	1.24	0.083
1149543	Soil		1.0	33.8	20.8	66	0.4	18.4	9.5	446	2.00	67.3	4.3	4.7	2.1	69	0.4	2.0	0.7	45	1.47	0.102
1149538	Soil		0.7	20.1	15.4	56	0.2	21.6	9.1	338	2.08	169.8	1.3	26.0	3.4	73	0.5	1.7	1.0	39	1.29	0.073
1149537	Soil		0.3	22.5	18.0	42	0.3	15.7	6.4	262	1.27	32.7	1.3	4.1	1.6	63	0.5	2.1	0.6	27	1.86	0.111
1149536	Soil		0.6	35.2	15.3	54	0.3	17.7	8.2	373	1.74	86.4	1.5	6.3	1.9	82	0.5	1.6	0.9	30	2.19	0.100
1149544	Soil		0.7	22.1	16.3	54	0.3	18.7	8.4	402	1.91	95.0	5.0	8.6	3.5	107	0.3	1.5	0.7	34	1.54	0.081
1079961	Soil		0.6	41.1	19.6	58	0.2	24.3	8.3	282	2.04	12.5	1.2	10.2	4.5	43	0.6	1.0	2.6	43	0.47	0.074
1079960	Soil		0.9	20.0	25.4	52	0.1	13.0	7.9	461	2.23	32.2	3.7	3.0	15.1	50	0.3	4.5	0.8	21	0.28	0.080
1149534	Soil		0.6	71.4	14.5	70	0.4	21.8	9.8	287	2.15	67.0	3.7	22.3	4.1	70	0.5	1.9	2.7	43	1.48	0.097
1079958	Soil		0.7	233.5	21.3	59	1.6	7.6	3.8	150	5.58	43.9	4.9	489.6	11.3	84	0.3	6.7	178.5	30	0.47	0.089
1149533	Soil		0.8	10.1	9.7	42	0.1	7.2	4.8	577	0.90	4.5	0.4	1.3	0.4	53	0.7	0.6	0.2	23	1.88	0.130
1079956	Soil		0.4	80.4	31.4	209	0.4	27.1	19.5	1195	3.30	786.8	1.9	35.2	12.4	88	1.9	15.0	26.9	33	1.61	0.115
1047482	Soil		0.8	69.0	31.8	47	0.4	25.9	32.0	585	3.62	1485	4.6	22.0	11.4	24	0.3	36.6	15.0	13	0.31	0.099
1079959	Soil		1.1	229.0	25.5	57	1.8	9.6	3.9	147	5.57	49.1	5.3	567.5	12.4	96	0.3	6.8	217.3	31	0.51	0.097
1047483	Soil		5.4	167.8	57.6	30	2.1	18.2	6.7	101	5.24	3357	4.9	62.4	15.5	75	0.3	132.2	52.1	48	0.20	0.207
1047481	Soil		0.6	58.5	7.9	53	<0.1	120.1	33.0	287	3.35	508.2	0.6	5.8	3.0	27	0.2	6.2	7.6	63	0.15	0.031
1079954	Soil		1.1	49.4	16.9	71	0.2	20.0	11.1	454	2.61	191.5	6.1	11.3	7.8	36	0.5	2.2	4.3	44	0.37	0.109
1047490	Soil		0.6	34.0	22.9	95	0.3	21.9	8.8	416	2.26	65.8	2.2	14.9	6.4	79	0.9	4.3	5.5	34	0.95	0.091
1079963	Soil		0.4	37.7	23.3	74	0.3	20.2	8.0	282	2.14	14.5	1.1	26.6	5.1	58	0.4	1.4	2.5	36	0.80	0.088
1047489	Soil		0.7	38.4	13.5	72	0.2	23.0	9.4	392	2.29	60.9	1.8	8.5	7.4	70	0.5	3.0	0.8	38	0.70	0.097
1079951	Soil		0.7	33.3	14.6	68	0.2	22.1	9.4	440	2.15	103.8	3.0	7.1	4.7	55	0.4	1.8	3.2	38	0.75	0.106
1079952	Soil		1.3	36.2	19.2	82	0.3	22.6	9.9	514	2.42	110.5	4.4	10.2	4.2	43	0.4	1.6	3.5	43	0.60	0.128
1079962	Soil		0.8	30.6	24.1	69	0.3	22.4	8.6	349	2.40	17.8	1.0	8.0	4.4	36	0.3	1.7	2.0	39	0.43	0.053
1079957	Soil		0.9	54.9	24.0	119	0.7	16.6	7.2	331	2.32	408.1	2.2	32.3	6.2	39	0.3	80.8	7.7	30	0.60	0.079
1079955	Soil		1.0	106.2	18.3	67	0.2	23.2	11.4	366	2.57	334.4	5.0	32.8	9.6	18	0.4	3.0	11.6	39	0.18	0.078
1047484	Soil		0.2	44.3	14.5	83	0.3	22.3	13.4	708	3.10	151.6	0.6	149.5	4.9	242	0.5	16.3	14.8	17	11.10	0.095

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000177.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1149539	Soil		15	24	0.39	195	0.034	4	1.83	0.095	0.05	0.5	0.06	1.7	0.1	0.12	5	0.6	<0.2
1149541	Soil		13	31	0.83	227	0.058	3	2.20	0.088	0.11	0.2	0.04	2.4	0.3	0.11	7	0.6	<0.2
1149540	Soil		14	33	0.71	210	0.057	4	2.38	0.142	0.07	0.2	0.06	2.2	0.2	0.14	7	0.6	<0.2
1149542	Soil		18	27	0.58	252	0.050	3	1.66	0.058	0.08	0.4	0.06	2.4	0.2	0.07	5	<0.5	<0.2
1149535	Soil		15	32	0.61	190	0.050	3	1.87	0.053	0.09	0.9	0.04	3.1	0.2	<0.05	6	0.7	<0.2
1149543	Soil		24	25	0.62	343	0.049	3	1.64	0.033	0.07	0.2	0.07	2.0	0.3	0.13	5	0.7	<0.2
1149538	Soil		17	29	0.46	195	0.044	3	1.98	0.089	0.06	1.2	0.05	2.3	0.1	<0.05	6	<0.5	<0.2
1149537	Soil		14	25	0.40	181	0.028	3	1.83	0.037	0.04	0.3	0.09	1.7	0.2	0.16	6	0.8	<0.2
1149536	Soil		12	25	0.51	207	0.031	4	1.60	0.053	0.06	0.5	0.06	1.8	0.2	0.13	5	1.2	<0.2
1149544	Soil		34	24	0.49	255	0.042	3	1.82	0.092	0.06	0.4	0.05	2.1	0.2	0.06	6	0.7	<0.2
1079961	Soil		17	26	0.45	181	0.034	2	1.65	0.023	0.03	0.7	0.05	2.7	<0.1	0.05	5	<0.5	<0.2
1079960	Soil		40	13	0.23	248	0.012	4	0.80	0.012	0.06	0.4	0.03	3.7	0.1	<0.05	2	<0.5	<0.2
1149534	Soil		15	44	0.68	220	0.060	5	1.66	0.046	0.11	0.8	0.05	2.9	0.2	0.08	5	0.8	<0.2
1079958	Soil		40	26	0.09	342	0.008	1	1.49	0.139	0.08	0.2	0.02	4.5	0.2	0.47	6	7.6	2.2
1149533	Soil		6	13	0.17	172	0.022	5	0.81	0.025	0.04	0.6	0.12	0.6	0.2	0.21	4	0.6	<0.2
1079956	Soil		38	27	0.24	248	0.010	6	2.12	0.033	0.07	<0.1	0.13	5.6	<0.1	<0.05	5	<0.5	<0.2
1047482	Soil		36	11	0.10	81	0.002	2	0.60	0.002	0.09	0.1	0.02	4.9	0.6	<0.05	1	<0.5	0.2
1079959	Soil		44	30	0.10	393	0.009	2	1.56	0.146	0.09	0.2	0.03	4.8	0.3	0.52	6	8.4	2.3
1047483	Soil		42	23	0.13	234	0.006	3	0.98	0.015	0.33	0.3	0.07	8.9	1.4	0.68	3	3.7	0.5
1047481	Soil		11	162	1.29	173	0.077	1	2.53	0.010	0.14	0.3	0.06	2.9	0.8	<0.05	6	<0.5	<0.2
1079954	Soil		34	25	0.46	191	0.052	2	1.39	0.009	0.06	1.3	0.04	2.7	0.2	<0.05	5	<0.5	<0.2
1047490	Soil		28	22	0.43	259	0.040	7	1.72	0.035	0.07	0.7	0.04	3.1	0.2	<0.05	5	<0.5	0.2
1079963	Soil		20	29	0.59	239	0.042	3	2.04	0.043	0.06	0.4	0.04	3.1	0.1	<0.05	6	<0.5	<0.2
1047489	Soil		25	21	0.50	203	0.048	3	1.28	0.031	0.06	0.7	0.04	3.0	<0.1	<0.05	4	<0.5	<0.2
1079951	Soil		25	23	0.40	245	0.044	3	1.86	0.043	0.06	0.8	0.05	2.4	0.1	<0.05	6	0.7	<0.2
1079952	Soil		25	27	0.44	230	0.041	3	2.26	0.029	0.06	0.6	0.06	2.6	0.2	<0.05	7	0.5	<0.2
1079962	Soil		20	26	0.52	248	0.027	3	1.89	0.015	0.05	0.4	0.03	2.9	0.2	<0.05	5	<0.5	<0.2
1079957	Soil		22	23	0.28	163	0.014	3	1.66	0.021	0.04	1.0	0.24	3.1	<0.1	<0.05	5	0.5	<0.2
1079955	Soil		27	22	0.42	144	0.037	2	1.47	0.007	0.06	0.9	0.05	2.4	0.2	<0.05	5	0.6	<0.2
1047484	Soil		17	16	0.45	99	0.004	11	2.33	0.033	0.08	0.2	0.02	2.7	0.1	0.12	6	0.7	<0.2

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Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000177.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1047486	Soil	0.6	155.3	39.2	74	0.7	16.7	11.9	775	5.01	100.2	3.3	26.1	9.3	72	1.0	19.8	5.3	27	1.99	0.100
1079964	Soil	0.5	38.7	33.8	77	0.3	17.1	6.4	296	1.94	28.2	1.4	12.3	4.9	98	0.9	2.0	3.8	26	1.54	0.103
1047487	Soil	1.0	26.0	54.6	56	0.6	13.9	5.9	626	1.08	17.5	1.1	69.6	3.1	180	1.4	2.2	15.2	13	4.13	0.114
1079953	Soil	1.0	31.6	12.1	67	0.1	18.1	7.9	421	2.29	161.4	3.1	6.2	9.2	34	0.3	2.0	2.2	38	0.35	0.099
1047479	Soil	1.1	47.2	18.2	61	0.2	21.3	12.0	252	3.79	35.0	2.2	3.0	8.8	28	0.2	2.5	0.9	34	0.06	0.057
1047485	Soil	0.6	34.0	41.5	87	0.3	12.5	7.5	757	3.15	72.7	6.3	11.1	12.1	83	0.7	9.6	3.3	31	1.46	0.087
1047480	Soil	0.8	28.7	12.8	57	<0.1	26.0	14.3	370	2.69	132.2	1.2	11.7	3.8	12	0.2	4.1	3.9	36	0.07	0.034
1149561	Soil	0.8	24.2	9.2	60	0.2	18.2	6.5	210	2.17	62.2	1.0	4.6	2.3	22	0.2	7.5	1.0	44	0.20	0.051
1149560	Soil	0.8	22.5	10.2	62	0.1	19.3	7.9	248	2.20	46.1	1.1	10.3	4.2	21	0.1	5.6	0.7	43	0.20	0.060
1047488	Soil	0.6	37.8	14.7	74	0.2	21.8	9.0	424	2.27	80.1	2.2	8.2	7.3	90	0.5	3.2	0.9	36	0.70	0.091
1149559	Soil	0.7	31.6	11.3	57	0.1	19.8	8.8	283	2.32	121.0	1.3	10.7	7.0	28	0.2	16.5	1.9	44	0.28	0.073
1149557	Soil	0.5	15.9	12.7	62	<0.1	23.4	8.9	328	2.33	12.8	0.7	1.6	5.2	33	0.2	1.2	0.2	43	0.29	0.063
1149555	Soil	0.4	14.3	16.5	59	<0.1	21.5	9.9	344	2.67	11.3	0.7	1.1	8.6	192	0.2	1.5	0.2	52	3.17	0.074
1149553	Soil	1.7	29.9	8.2	77	<0.1	20.2	7.1	218	1.88	14.2	0.8	4.6	4.1	26	0.4	1.5	0.2	39	0.33	0.073
1149562	Soil	0.8	22.1	9.5	61	0.1	17.0	6.6	189	2.02	51.5	1.1	4.9	2.6	19	0.2	6.1	0.9	41	0.18	0.061
1149558	Soil	0.6	20.7	11.3	60	<0.1	18.5	8.1	263	2.13	32.0	0.8	3.4	4.1	28	0.1	3.7	0.5	44	0.22	0.062
1149554	Soil	1.9	60.9	18.2	132	0.8	30.3	11.0	366	2.95	22.7	3.7	6.6	4.6	81	0.6	3.2	0.5	63	0.51	0.106
1149552	Soil	0.5	16.6	11.5	80	0.1	18.9	8.3	269	2.25	106.7	2.9	4.4	2.6	64	0.3	5.5	0.4	41	0.94	0.063
1149551	Soil	0.4	19.2	12.5	66	0.1	21.9	9.6	442	2.58	10.4	1.0	2.4	6.6	81	0.3	1.5	0.2	45	0.81	0.073
1149556	Soil	0.5	15.4	16.5	66	0.1	24.3	10.1	348	2.84	11.6	0.7	0.6	7.6	112	0.1	1.0	0.2	53	1.23	0.078
1149545	Soil	0.7	18.4	18.1	65	0.3	16.7	8.9	524	1.87	150.4	4.7	7.9	3.2	91	0.5	1.6	1.4	32	1.83	0.082
1149550	Soil	0.4	15.3	14.7	57	0.1	23.3	10.3	367	2.95	9.4	0.8	1.8	9.2	177	0.2	1.8	0.2	55	1.91	0.076
1149548	Soil	0.4	17.4	13.3	66	<0.1	22.7	10.5	395	2.69	13.6	0.9	12.9	6.3	156	0.2	1.5	0.2	49	1.89	0.066
1149549	Soil	0.4	15.9	15.9	64	0.1	24.6	10.5	389	2.97	10.1	0.8	4.6	9.4	180	0.2	1.9	0.2	53	1.96	0.080
1149547	Soil	0.4	15.2	11.0	77	0.1	20.9	9.4	357	2.39	22.2	2.8	0.8	3.5	86	0.2	1.3	0.2	43	1.15	0.057
1149546	Soil	0.6	20.3	13.0	54	0.2	17.4	8.2	433	1.80	50.7	3.9	2.9	2.8	116	0.4	1.5	0.5	34	2.37	0.077
1095328	Soil	0.9	15.5	26.3	55	0.3	14.7	6.1	319	1.55	35.9	0.7	2.5	1.6	71	0.9	1.2	1.7	27	1.50	0.078
1095329	Soil	0.5	29.6	48.9	70	0.7	19.0	7.4	400	2.01	97.4	1.1	5.4	4.2	81	0.9	3.1	1.7	31	1.33	0.057
1095327	Soil	1.2	352.5	77.9	849	2.8	31.1	14.7	1125	4.31	105.5	1.6	9.3	7.5	46	30.0	6.4	12.8	41	0.39	0.047
1095326	Soil	0.6	105.0	124.6	148	2.9	17.9	7.6	466	2.03	389.2	1.1	15.3	2.0	61	4.7	5.2	10.2	24	1.60	0.088

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000177.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1047486	Soil		53	18	0.49	396	0.005	5	1.70	0.033	0.08	1.2	0.10	4.0	0.3	0.08	5	0.9	<0.2
1079964	Soil		22	22	1.04	225	0.025	5	2.14	0.075	0.08	0.5	0.04	2.8	0.1	0.06	6	<0.5	<0.2
1047487	Soil		18	19	0.36	109	0.024	22	2.14	0.088	0.07	0.6	0.05	1.0	<0.1	0.14	5	<0.5	0.3
1079953	Soil		28	21	0.36	181	0.037	1	1.33	0.010	0.05	0.6	0.04	2.4	<0.1	<0.05	4	<0.5	<0.2
1047479	Soil		23	24	0.50	133	0.046	1	1.67	0.020	0.23	0.1	0.03	1.9	0.5	0.12	5	<0.5	<0.2
1047485	Soil		53	16	0.66	272	0.006	4	2.05	0.020	0.06	0.7	0.04	3.9	0.2	0.06	7	0.9	<0.2
1047480	Soil		19	22	0.39	71	0.032	1	1.17	0.006	0.06	0.4	0.04	1.5	0.2	<0.05	3	<0.5	<0.2
1149561	Soil		16	27	0.49	188	0.051	2	1.47	0.009	0.06	0.4	0.03	2.2	0.2	<0.05	6	<0.5	<0.2
1149560	Soil		17	28	0.51	193	0.050	<1	1.65	0.008	0.07	0.3	0.03	2.7	0.2	<0.05	5	<0.5	<0.2
1047488	Soil		27	20	0.54	189	0.040	2	1.33	0.035	0.06	0.6	0.05	3.1	0.1	<0.05	4	<0.5	<0.2
1149559	Soil		23	32	0.58	256	0.078	<1	1.84	0.010	0.11	0.6	0.03	3.2	0.3	<0.05	6	<0.5	<0.2
1149557	Soil		16	34	0.77	265	0.075	<1	2.40	0.026	0.15	0.2	0.03	3.7	0.2	<0.05	7	<0.5	<0.2
1149555	Soil		18	50	1.29	275	0.128	2	3.52	0.267	0.34	0.1	0.03	5.6	0.2	<0.05	11	<0.5	<0.2
1149553	Soil		14	18	0.37	123	0.030	1	0.93	0.008	0.03	0.4	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1149562	Soil		17	26	0.45	153	0.046	1	1.49	0.008	0.05	0.4	0.04	2.0	0.1	<0.05	5	<0.5	<0.2
1149558	Soil		20	30	0.56	210	0.060	2	1.77	0.011	0.07	0.3	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1149554	Soil		23	48	1.07	219	0.071	1	2.79	0.020	0.13	0.2	0.05	4.4	0.4	<0.05	9	0.5	<0.2
1149552	Soil		17	33	0.70	201	0.045	2	2.09	0.056	0.06	0.2	0.05	2.8	0.1	<0.05	6	<0.5	<0.2
1149551	Soil		19	38	1.08	229	0.091	<1	2.65	0.109	0.14	0.2	0.03	4.3	0.2	<0.05	8	<0.5	<0.2
1149556	Soil		21	49	1.12	316	0.120	1	3.66	0.189	0.17	0.1	0.03	6.0	0.2	<0.05	11	<0.5	<0.2
1149545	Soil		31	27	0.47	268	0.043	3	1.83	0.084	0.06	0.3	0.08	2.3	0.2	0.12	6	<0.5	<0.2
1149550	Soil		18	51	1.61	324	0.143	2	3.98	0.302	0.39	0.2	0.02	5.9	0.3	<0.05	11	<0.5	<0.2
1149548	Soil		17	44	1.34	236	0.121	2	3.47	0.228	0.30	0.1	0.04	5.2	0.3	<0.05	10	<0.5	<0.2
1149549	Soil		19	49	1.73	346	0.143	2	4.09	0.297	0.43	0.1	0.02	5.9	0.3	<0.05	11	<0.5	<0.2
1149547	Soil		16	39	0.87	230	0.081	2	2.47	0.103	0.09	0.1	0.04	3.9	0.2	<0.05	8	<0.5	<0.2
1149546	Soil		20	28	0.70	268	0.057	4	2.05	0.118	0.09	0.2	0.06	2.5	0.2	0.12	6	<0.5	<0.2
1095328	Soil		12	17	0.32	156	0.020	3	1.61	0.040	0.05	0.3	0.07	1.5	<0.1	0.09	5	<0.5	<0.2
1095329	Soil		20	22	0.49	184	0.026	3	1.71	0.054	0.05	0.3	0.05	2.6	<0.1	<0.05	5	<0.5	<0.2
1095327	Soil		25	28	0.57	254	0.054	4	1.99	0.035	0.10	0.4	0.05	4.5	0.3	<0.05	5	<0.5	<0.2
1095326	Soil		14	19	0.35	161	0.020	5	1.43	0.048	0.05	0.4	0.10	1.9	0.1	0.12	4	0.6	<0.2

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Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000177.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1095322	Soil	0.6	62.2	43.7	71	1.3	18.0	7.9	349	2.31	271.3	1.9	22.1	5.5	70	0.9	8.6	5.2	33	1.09	0.084
1095321	Soil	0.6	63.0	44.5	78	0.9	22.4	7.9	196	2.23	147.7	1.6	22.1	9.1	71	0.8	6.7	5.0	39	0.88	0.101
1095320	Soil	1.9	59.7	19.6	40	1.6	13.0	10.4	743	1.81	44.7	1.9	30.3	0.8	35	0.9	13.2	3.6	38	0.65	0.149
1095315	Soil	0.5	41.2	12.6	60	0.2	22.2	7.4	157	1.76	11.3	1.0	7.3	6.6	33	0.3	1.2	1.2	37	0.43	0.071
1095336	Soil	1.5	17.5	9.4	53	<0.1	13.0	4.9	202	2.20	66.3	1.1	4.3	1.8	14	0.1	1.9	0.7	50	0.12	0.029
1095334	Soil	1.9	18.5	12.8	71	0.1	15.6	9.4	542	2.59	56.2	1.0	6.8	2.1	34	0.5	2.5	1.0	53	0.37	0.065
1095333	Soil	1.0	26.4	14.5	79	0.2	17.3	8.4	314	2.56	53.7	1.5	9.0	2.8	33	0.3	3.1	0.6	73	0.76	0.099
1095332	Soil	0.4	22.6	23.0	62	0.3	20.8	8.8	331	2.57	64.7	0.8	3.9	4.2	50	0.4	6.6	0.5	37	0.93	0.069
1095335	Soil	2.4	30.9	11.7	78	0.1	18.0	10.7	525	2.54	84.1	2.5	11.0	1.6	26	0.3	2.8	0.7	47	0.30	0.054
1095331	Soil	0.4	27.1	20.9	74	0.3	23.1	10.3	356	2.55	101.5	0.7	4.8	6.0	57	0.3	11.0	0.5	34	1.93	0.095
1095305	Soil	0.5	122.1	11.6	55	0.5	17.3	7.6	254	1.80	30.5	1.9	8.1	2.3	102	0.4	2.7	3.5	39	2.06	0.066
1095330	Soil	0.5	27.3	21.7	76	0.4	23.2	10.6	370	2.64	102.3	0.7	4.1	6.2	58	0.4	11.0	0.5	35	2.01	0.102
1095314	Soil	0.9	33.3	16.1	72	0.4	20.5	7.0	261	2.11	29.1	1.2	46.2	6.1	25	0.6	12.2	1.4	45	0.32	0.076
1095316	Soil	1.0	32.5	14.1	69	0.2	21.8	8.4	246	2.21	39.8	1.3	6.6	7.5	58	0.5	1.6	0.7	42	0.79	0.092
1095319	Soil	0.4	48.2	15.6	62	0.2	23.3	9.8	174	2.30	27.1	1.0	15.5	6.7	39	0.3	1.6	3.0	42	0.62	0.078
1095308	Soil	0.5	24.8	22.5	67	0.3	18.4	7.5	366	1.95	27.5	0.7	2.2	2.5	90	0.6	3.7	0.4	30	1.70	0.072
1095318	Soil	0.4	23.6	22.4	56	0.2	24.1	12.6	392	2.75	29.3	0.9	3.8	8.0	49	0.4	1.3	0.5	37	0.77	0.058
1095317	Soil	0.6	14.8	15.9	55	0.1	20.1	8.7	334	1.96	21.5	0.7	3.9	4.9	48	0.4	1.3	0.4	34	0.72	0.046
1095307	Soil	0.4	20.5	15.4	61	0.2	18.2	7.0	283	1.95	51.2	0.6	6.8	2.2	89	0.7	5.6	0.4	30	2.19	0.062
1095310	Soil	1.0	15.4	31.7	61	0.2	18.9	8.2	358	2.17	13.9	0.8	3.2	3.2	50	0.6	0.9	0.3	38	0.84	0.053
1095312	Soil	1.3	126.1	28.7	87	1.6	24.0	11.4	342	2.54	242.1	1.8	24.8	3.2	35	1.2	4.3	9.1	42	0.43	0.086
1095313	Soil	2.7	120.0	32.1	76	2.2	25.7	8.7	165	2.31	154.3	2.6	48.2	3.9	45	0.5	4.3	11.5	62	0.58	0.135
1095311	Soil	0.7	45.8	92.1	144	1.8	18.0	7.1	471	2.08	92.8	1.0	9.2	2.9	62	2.6	2.3	3.4	27	1.23	0.077
1095309	Soil	0.6	17.2	19.0	66	0.2	16.1	7.1	477	1.89	19.0	0.8	1.4	2.1	79	0.7	2.0	0.3	28	1.24	0.078
1095306	Soil	0.4	45.6	14.4	54	0.3	19.1	8.3	324	1.93	31.5	0.8	9.7	2.0	76	0.4	4.7	1.8	28	1.80	0.064
1095303	Soil	1.2	50.0	13.9	68	0.3	23.5	9.1	450	2.24	137.3	4.6	4.4	2.8	70	0.6	2.6	1.4	46	1.14	0.073
1095304	Soil	0.9	104.2	11.0	91	0.5	24.6	9.9	267	2.49	28.6	5.6	8.8	4.7	104	0.4	2.7	1.3	84	1.59	0.086
1071304	Soil	0.8	30.9	22.8	89	0.2	21.3	9.5	522	2.13	52.9	2.6	35.3	6.2	52	0.6	3.0	3.2	36	0.61	0.098
1071305	Soil	1.0	82.9	22.1	84	0.3	26.1	10.4	401	2.53	515.5	4.2	17.8	5.0	50	0.3	2.4	9.3	37	0.65	0.107
1071306	Soil	0.9	34.1	21.6	79	0.2	20.3	8.6	282	2.20	135.4	5.1	35.9	8.7	63	0.5	1.6	3.0	38	0.43	0.097

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1095322	Soil	18	24	0.46	189	0.045	3	1.49	0.070	0.06	0.9	0.05	2.6	0.1	<0.05	5	<0.5	<0.2
1095321	Soil	24	27	0.48	214	0.057	3	1.61	0.070	0.06	1.7	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1095320	Soil	14	33	0.40	202	0.021	3	1.35	0.024	0.06	0.2	0.10	1.3	0.3	0.19	5	0.6	<0.2
1095315	Soil	18	23	0.45	242	0.046	<1	1.61	0.022	0.06	0.4	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1095336	Soil	13	22	0.40	105	0.045	<1	1.03	0.005	0.05	0.3	0.02	1.5	0.1	<0.05	5	<0.5	<0.2
1095334	Soil	15	33	0.48	396	0.080	<1	1.37	0.011	0.12	0.7	0.04	2.1	0.1	<0.05	6	<0.5	<0.2
1095333	Soil	19	34	0.83	285	0.047	2	2.03	0.012	0.08	0.3	0.04	3.9	0.2	<0.05	7	<0.5	<0.2
1095332	Soil	23	28	0.59	269	0.023	2	1.64	0.034	0.04	0.3	0.08	3.6	0.1	<0.05	5	<0.5	<0.2
1095335	Soil	19	26	0.46	260	0.037	2	1.69	0.008	0.06	0.5	0.04	1.9	0.2	<0.05	5	0.8	<0.2
1095331	Soil	22	26	0.66	180	0.025	3	1.23	0.027	0.06	0.3	0.13	4.2	<0.1	<0.05	4	<0.5	<0.2
1095305	Soil	15	26	0.78	205	0.044	4	1.74	0.068	0.06	2.1	0.06	2.3	0.1	0.07	5	0.6	<0.2
1095330	Soil	22	27	0.65	184	0.025	3	1.25	0.028	0.06	0.3	0.15	4.4	<0.1	<0.05	4	<0.5	<0.2
1095314	Soil	20	28	0.50	257	0.050	3	1.33	0.009	0.08	0.3	0.03	3.3	0.2	<0.05	4	<0.5	<0.2
1095316	Soil	19	28	0.47	269	0.054	4	1.36	0.042	0.08	0.5	0.05	3.4	0.1	<0.05	4	<0.5	<0.2
1095319	Soil	17	28	0.47	268	0.048	3	1.84	0.035	0.06	0.4	0.03	3.3	0.1	<0.05	5	<0.5	<0.2
1095308	Soil	16	22	0.75	284	0.015	5	1.52	0.038	0.05	0.3	0.06	2.1	<0.1	0.08	4	<0.5	<0.2
1095318	Soil	18	24	0.45	246	0.048	5	1.55	0.047	0.05	0.4	0.05	3.1	0.1	<0.05	4	<0.5	<0.2
1095317	Soil	15	22	0.39	140	0.025	3	1.50	0.034	0.04	0.4	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
1095307	Soil	17	24	0.66	647	0.026	6	1.63	0.051	0.05	0.4	0.08	2.5	0.1	0.09	5	<0.5	<0.2
1095310	Soil	14	24	0.41	208	0.022	3	1.94	0.029	0.05	0.2	0.05	2.3	<0.1	<0.05	5	<0.5	<0.2
1095312	Soil	16	27	0.59	160	0.037	3	1.82	0.026	0.06	0.8	0.07	2.6	0.2	0.06	5	0.8	<0.2
1095313	Soil	14	28	0.89	372	0.054	2	2.14	0.027	0.10	0.9	0.06	2.5	0.2	0.13	7	1.4	<0.2
1095311	Soil	15	18	0.40	150	0.022	5	1.38	0.032	0.04	0.6	0.07	2.0	0.1	0.06	4	<0.5	<0.2
1095309	Soil	14	21	0.59	229	0.020	5	1.64	0.047	0.05	0.2	0.05	1.7	<0.1	0.08	5	<0.5	<0.2
1095306	Soil	17	22	0.62	268	0.023	4	1.54	0.049	0.04	2.1	0.07	2.2	0.1	0.07	4	<0.5	<0.2
1095303	Soil	15	29	0.73	292	0.047	3	1.83	0.048	0.06	1.0	0.04	2.6	0.1	0.07	5	1.1	<0.2
1095304	Soil	16	41	1.51	271	0.104	3	2.59	0.061	0.14	0.3	0.04	4.2	0.2	0.06	8	0.9	<0.2
1071304	Soil	24	22	0.39	250	0.039	4	1.83	0.053	0.05	0.9	0.06	2.5	0.1	<0.05	5	<0.5	<0.2
1071305	Soil	25	24	0.43	211	0.043	3	2.05	0.035	0.05	1.0	0.06	2.4	0.1	0.05	6	0.7	<0.2
1071306	Soil	29	22	0.44	216	0.039	2	1.43	0.018	0.05	0.6	0.04	2.7	0.1	<0.05	5	<0.5	<0.2

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600 - 666 Burrard St.
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Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000177.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1071308	Soil		1.0	34.4	16.1	76	0.2	20.7	9.5	445	2.31	196.1	4.8	10.5	6.5	35	0.3	1.8	2.4	38	0.36	0.103
1071307	Soil		0.9	28.6	11.9	65	0.1	22.1	8.0	350	2.14	105.3	2.6	12.0	8.1	27	0.3	1.4	1.5	35	0.30	0.084
1071309	Soil		1.0	36.4	14.2	75	0.2	23.0	9.8	449	2.32	137.5	4.1	11.8	7.6	32	0.4	1.6	3.4	39	0.34	0.102
1071310	Soil		1.4	46.6	16.3	65	0.2	21.7	12.3	447	2.83	249.2	2.5	36.7	6.5	16	0.3	3.0	9.2	44	0.14	0.055
1071312	Soil		1.0	31.7	13.9	68	0.1	18.5	7.6	299	2.27	100.8	2.6	18.2	4.5	21	0.2	6.5	2.8	36	0.27	0.077
1071311	Soil		1.0	44.3	15.7	81	0.2	23.1	9.7	429	2.49	222.9	4.0	24.3	8.2	27	0.4	6.1	5.8	43	0.30	0.091
1071313	Soil		0.8	20.4	12.2	62	0.1	14.2	6.3	231	2.07	31.0	1.7	6.4	2.5	19	0.1	3.5	2.5	36	0.22	0.082
1071314	Soil		0.5	25.6	19.7	66	0.2	17.9	6.3	282	2.00	10.8	1.1	18.7	2.5	43	0.2	1.0	11.4	31	0.38	0.084
1071315	Soil		0.6	24.0	19.3	65	0.2	17.9	6.3	283	1.96	11.0	1.1	19.5	2.8	43	0.2	1.0	11.5	32	0.38	0.086
1071217	Soil		0.9	26.4	19.2	63	0.3	21.3	9.3	371	2.29	62.6	3.5	19.0	4.6	46	0.4	1.4	2.3	35	0.53	0.075
1071218	Soil		0.7	17.3	20.7	59	0.1	19.6	8.2	483	1.99	12.8	1.0	6.5	2.8	40	0.5	0.9	0.5	30	0.57	0.071
1071303	Soil		0.9	25.5	21.4	89	0.2	20.8	8.3	449	2.13	15.9	1.9	40.7	7.0	64	1.0	2.1	3.3	35	0.82	0.090
1071216	Soil		0.6	23.8	21.8	68	0.3	17.8	8.5	401	2.47	43.2	1.4	7.7	2.6	70	0.5	19.7	1.5	28	1.50	0.088
1071210	Soil		1.7	41.7	22.0	64	<0.1	23.9	9.3	259	3.34	44.1	1.8	3.6	8.0	27	0.2	7.8	0.8	37	0.08	0.047
1071302	Soil		0.7	27.4	22.0	90	0.2	22.5	8.6	462	2.20	16.6	2.0	12.4	7.4	63	0.9	2.0	3.4	38	0.81	0.096
1071214	Soil		2.3	282.9	126.5	93	1.0	35.3	14.8	616	6.04	1708	6.3	32.6	8.9	51	2.0	270.4	23.1	36	0.33	0.154
1071301	Soil		1.0	34.9	12.9	76	<0.1	25.1	11.5	359	2.52	25.2	1.4	2.4	5.3	33	0.2	0.5	0.3	42	0.24	0.067
1071211	Soil		1.5	51.4	15.6	70	0.1	48.8	14.8	308	3.66	178.5	1.8	3.4	6.8	21	0.2	12.2	2.5	43	0.16	0.061
1071213	Soil		2.7	323.7	126.3	99	1.1	40.4	14.7	559	6.37	1688	7.2	39.5	9.7	56	1.7	245.6	21.5	43	0.40	0.153
1071215	Soil		0.7	38.6	22.3	44	0.4	21.5	9.3	439	2.13	86.3	1.5	7.0	2.9	77	0.4	8.0	2.9	25	2.06	0.099
1071212	Soil		2.0	70.2	12.4	66	0.1	46.0	18.3	339	3.88	118.2	2.1	6.9	5.7	22	0.2	18.1	1.3	52	0.14	0.074
1071316	Soil		0.9	29.5	28.5	54	0.3	19.9	7.7	680	1.94	10.1	1.1	10.6	2.7	100	0.4	1.0	3.7	34	1.08	0.130
1071318	Soil		0.6	33.2	47.5	104	0.6	20.0	8.8	546	2.41	22.6	1.4	8.0	6.8	141	1.4	3.6	4.1	29	1.60	0.093
1071320	Soil		0.7	49.4	42.2	77	0.6	18.8	7.3	330	1.91	36.8	2.0	44.6	4.0	74	1.8	4.3	2.7	26	2.29	0.114
1071321	Soil		1.1	64.6	36.4	72	1.2	25.4	13.4	319	2.81	254.6	1.2	18.5	6.3	55	1.2	12.1	7.0	35	1.19	0.070
1071319	Soil		1.1	77.2	42.3	101	0.6	32.3	9.8	298	2.77	43.3	2.6	10.4	5.0	73	0.9	3.3	2.3	60	1.74	0.245
1071317	Soil		0.8	73.7	42.3	114	1.0	26.8	10.0	622	2.52	25.3	1.1	41.0	11.3	123	1.6	14.7	14.6	28	1.87	0.117
1147901	Soil		1.6	208.6	15.6	111	3.3	27.1	13.2	719	3.98	1592	5.3	121.1	6.6	35	0.7	160.8	31.7	46	0.39	0.092
1147904	Soil		0.9	39.1	12.7	68	0.3	24.3	9.9	293	2.46	317.2	1.9	6.5	4.5	46	0.3	5.7	2.3	40	0.86	0.067
1147906	Soil		1.0	12.2	11.8	43	<0.1	15.5	7.0	271	2.29	33.6	0.6	6.7	2.4	24	0.3	1.7	0.6	56	0.48	0.035

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Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000177.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1071308	Soil	30	23	0.41	203	0.040	3	1.54	0.016	0.05	0.6	0.05	2.4	0.1	<0.05	5	<0.5	<0.2
1071307	Soil	26	20	0.37	187	0.041	2	1.22	0.012	0.05	1.0	0.05	2.0	<0.1	<0.05	4	<0.5	<0.2
1071309	Soil	26	22	0.40	195	0.046	2	1.42	0.013	0.06	1.0	0.04	2.2	0.1	<0.05	5	0.6	<0.2
1071310	Soil	21	27	0.48	136	0.039	3	1.78	0.009	0.05	0.8	0.06	2.7	0.2	<0.05	4	0.7	<0.2
1071312	Soil	24	23	0.41	160	0.023	3	1.57	0.009	0.04	0.3	0.08	2.4	0.1	<0.05	5	<0.5	<0.2
1071311	Soil	29	27	0.44	194	0.048	2	1.42	0.010	0.06	0.7	0.03	3.1	0.2	<0.05	4	<0.5	<0.2
1071313	Soil	19	21	0.38	128	0.024	2	1.64	0.008	0.04	0.3	0.06	1.9	0.1	<0.05	5	0.5	<0.2
1071314	Soil	17	23	0.45	184	0.029	3	1.98	0.020	0.04	0.3	0.03	2.0	0.1	<0.05	5	<0.5	0.3
1071315	Soil	16	23	0.46	179	0.026	2	1.85	0.018	0.04	0.4	0.03	2.1	0.1	<0.05	5	<0.5	0.4
1071217	Soil	40	21	0.39	197	0.036	3	1.97	0.028	0.05	1.0	0.07	2.3	0.1	<0.05	5	0.6	<0.2
1071218	Soil	19	19	0.38	252	0.025	2	2.16	0.041	0.04	0.5	0.05	1.9	<0.1	<0.05	5	<0.5	<0.2
1071303	Soil	27	22	0.42	209	0.057	5	1.56	0.045	0.07	0.9	0.05	2.7	<0.1	<0.05	5	<0.5	<0.2
1071216	Soil	24	21	0.46	233	0.019	5	1.43	0.033	0.08	0.5	0.05	3.1	0.2	0.10	5	<0.5	<0.2
1071210	Soil	23	30	0.53	163	0.064	<1	1.60	0.014	0.28	0.1	0.03	2.8	0.4	0.08	5	0.5	<0.2
1071302	Soil	27	22	0.42	209	0.053	5	1.54	0.044	0.07	0.9	0.05	2.7	<0.1	<0.05	4	<0.5	<0.2
1071214	Soil	29	30	0.33	214	0.027	3	1.37	0.009	0.11	0.5	0.10	5.7	0.5	0.12	4	1.4	<0.2
1071301	Soil	18	23	0.45	158	0.046	3	1.60	0.010	0.06	0.8	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1071211	Soil	20	62	0.60	116	0.047	2	1.44	0.010	0.12	0.3	0.03	3.3	0.3	<0.05	5	0.8	<0.2
1071213	Soil	30	38	0.40	236	0.035	2	1.65	0.009	0.14	0.6	0.08	6.9	0.6	0.14	5	1.0	<0.2
1071215	Soil	23	22	0.38	235	0.022	5	1.73	0.050	0.04	0.3	0.06	2.2	0.1	0.16	5	<0.5	<0.2
1071212	Soil	21	50	0.54	132	0.050	2	1.56	0.011	0.18	0.3	0.03	3.6	0.5	0.09	5	<0.5	<0.2
1071316	Soil	21	27	0.50	237	0.028	4	2.56	0.059	0.04	0.3	0.04	2.1	0.1	<0.05	6	<0.5	<0.2
1071318	Soil	29	23	0.75	288	0.013	3	2.00	0.054	0.06	0.4	0.05	3.2	0.2	<0.05	6	<0.5	<0.2
1071320	Soil	30	21	0.44	187	0.017	6	1.33	0.025	0.05	0.4	0.08	2.4	0.2	0.11	4	<0.5	0.2
1071321	Soil	34	24	0.82	178	0.018	3	1.53	0.052	0.05	0.6	0.08	4.3	0.3	<0.05	5	<0.5	0.2
1071319	Soil	29	49	0.84	235	0.053	3	2.22	0.037	0.08	0.4	0.05	4.5	0.2	0.08	7	0.7	<0.2
1071317	Soil	46	26	1.08	604	0.015	7	1.91	0.041	0.11	0.4	0.04	6.7	0.2	<0.05	5	<0.5	1.0
1147901	Soil	27	31	0.51	310	0.038	3	1.93	0.014	0.08	2.6	0.06	3.7	0.2	<0.05	6	1.1	<0.2
1147904	Soil	25	27	0.49	254	0.040	2	1.96	0.021	0.08	0.4	0.06	3.5	0.2	<0.05	6	<0.5	<0.2
1147906	Soil	12	25	0.36	193	0.064	1	1.46	0.012	0.06	0.2	0.03	1.9	0.1	<0.05	8	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1147905	Soil	0.8	34.9	15.0	61	0.2	23.6	9.8	343	2.29	104.1	1.2	8.4	3.7	50	0.4	1.3	0.5	39	0.95	0.051
1147910	Soil	0.4	27.0	11.9	53	0.1	25.5	9.7	256	2.04	78.3	0.7	7.8	6.1	63	0.2	1.4	1.0	36	0.89	0.063
1147908	Soil	0.9	46.3	10.7	66	0.2	25.2	10.5	244	2.53	221.9	1.2	6.0	4.8	52	0.2	1.9	3.1	43	0.39	0.069
1147903	Soil	0.6	80.3	22.6	94	0.6	24.6	10.2	455	2.61	525.6	1.7	57.2	5.1	52	0.7	48.1	9.1	41	1.09	0.104
1147902	Soil	0.9	133.9	88.7	142	3.8	24.3	9.1	729	2.76	341.8	2.2	95.6	3.6	71	1.7	66.0	12.5	34	1.48	0.129
1147907	Soil	1.5	12.6	13.4	46	0.1	14.9	6.2	248	2.37	20.2	0.9	4.8	1.3	13	0.1	1.1	0.4	52	0.12	0.037
1147909	Soil	0.7	49.6	12.9	63	0.3	23.6	9.5	295	2.41	188.8	0.8	11.5	6.2	77	0.3	2.6	3.2	40	0.96	0.074
1147912	Soil	0.8	20.5	15.6	48	0.2	21.7	8.6	363	1.73	52.5	1.1	2.0	3.2	117	0.5	1.1	1.1	31	2.04	0.088
1147911	Soil	0.7	25.5	10.8	61	0.1	22.6	9.1	321	2.25	212.0	1.3	4.3	6.4	46	0.2	1.6	2.1	37	0.44	0.075
1147928	Soil	0.7	27.6	31.7	57	0.2	22.8	9.4	305	2.06	47.5	1.1	9.0	3.0	43	0.3	1.7	0.9	40	0.87	0.072
1147930	Soil	0.7	19.3	33.4	54	0.3	20.5	9.6	346	2.13	20.3	1.5	4.0	6.6	51	0.1	3.8	0.4	40	0.91	0.047
1147929	Soil	0.8	47.7	39.0	69	0.3	31.2	10.7	327	2.22	58.7	1.7	4.3	4.7	54	0.5	3.2	0.9	45	1.06	0.070
1147925	Soil	1.2	16.2	22.8	72	0.2	15.7	8.2	444	2.09	50.3	1.1	2.1	0.5	33	0.7	0.9	1.0	44	0.50	0.092
1147926	Soil	0.7	30.8	24.5	172	0.4	23.7	8.4	300	2.31	65.3	1.0	6.8	3.3	56	2.6	1.9	2.1	44	0.82	0.062
1147927	Soil	0.9	28.1	25.2	67	0.2	22.4	9.4	364	2.21	25.0	1.1	3.9	2.4	33	0.3	1.2	0.4	41	0.63	0.063
1147922	Soil	0.6	25.8	19.0	59	0.2	19.3	8.4	323	1.82	118.6	1.0	7.3	2.3	48	0.5	2.9	1.1	35	1.30	0.076
1147924	Soil	0.8	20.4	25.9	76	0.2	17.5	7.9	303	2.05	75.1	1.7	2.6	1.0	45	0.5	1.7	1.1	43	0.95	0.099
1147923	Soil	0.8	42.1	15.6	65	0.4	24.3	10.6	415	2.07	182.5	1.7	8.0	3.1	72	0.6	15.1	2.7	36	1.71	0.091
1147921	Soil	0.7	28.4	19.4	74	0.2	29.6	10.4	349	2.49	117.6	0.9	6.2	5.8	37	0.7	11.2	1.1	44	0.64	0.045
1147920	Soil	0.5	26.7	15.3	65	0.2	24.9	10.1	970	2.28	59.0	0.9	4.6	6.2	43	0.3	11.8	1.4	42	0.69	0.070
1147917	Soil	0.6	28.5	15.1	55	0.2	20.3	8.8	384	1.71	64.9	1.9	5.8	4.0	72	0.5	2.5	1.0	32	1.57	0.083
1147919	Soil	0.5	22.3	13.1	61	0.2	20.7	8.5	694	2.12	52.8	1.5	43.7	6.3	62	0.2	15.3	0.8	43	1.16	0.081
1147918	Soil	0.5	25.3	13.2	58	0.2	19.9	8.5	331	1.80	72.6	1.6	6.6	4.2	69	0.4	3.7	1.2	34	1.39	0.078
1147913	Soil	0.7	27.3	13.5	66	0.2	24.3	9.8	276	2.36	117.0	1.4	17.3	7.1	59	0.5	3.1	1.8	41	0.69	0.080
1147914	Soil	0.5	26.8	12.4	60	0.2	19.1	7.7	260	2.37	171.3	1.4	10.0	6.4	87	0.3	3.1	2.4	35	1.12	0.096
1147915	Soil	0.6	24.3	14.3	56	0.2	19.2	8.0	354	2.07	137.9	1.8	19.9	4.6	76	0.4	2.2	1.7	33	1.50	0.083
1147916	Soil	0.4	27.5	12.8	59	0.2	21.6	8.6	232	1.97	85.7	1.1	8.8	4.9	56	0.5	1.3	1.9	32	1.09	0.097
1076103	Soil	0.6	86.4	11.7	75	0.6	16.7	6.9	532	2.40	363.0	1.0	100.1	6.2	62	0.5	20.0	13.0	30	1.23	0.119
1076104	Soil	0.6	100.8	50.1	209	1.9	34.3	16.5	2741	4.53	990.6	1.0	72.9	10.0	27	3.9	798.5	12.6	30	1.13	0.156
1076107	Soil	0.5	37.1	17.2	66	0.2	23.7	8.8	260	2.33	79.6	0.8	8.6	5.7	77	0.6	0.6	2.2	37	1.20	0.107

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000177.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1147905	Soil		18	26	0.47	214	0.050	3	1.92	0.051	0.06	0.4	0.04	2.9	0.2	<0.05	6	<0.5	<0.2
1147910	Soil		19	23	0.45	192	0.050	2	1.53	0.067	0.05	0.6	0.04	2.6	0.1	<0.05	4	<0.5	<0.2
1147908	Soil		17	28	0.56	191	0.065	<1	1.94	0.024	0.11	0.4	0.04	3.1	0.2	<0.05	6	0.5	<0.2
1147903	Soil		23	30	0.59	278	0.047	6	2.13	0.042	0.07	0.6	0.04	3.7	0.2	<0.05	6	0.7	<0.2
1147902	Soil		24	23	0.49	326	0.029	6	2.17	0.052	0.07	0.8	0.11	2.6	0.2	0.08	6	0.8	<0.2
1147907	Soil		14	21	0.32	124	0.040	1	1.28	0.005	0.05	0.4	0.04	1.3	0.1	<0.05	5	<0.5	<0.2
1147909	Soil		19	26	0.54	197	0.057	2	1.64	0.054	0.08	0.6	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
1147912	Soil		18	28	0.45	216	0.048	4	2.54	0.127	0.06	0.4	0.07	2.0	0.1	0.09	7	<0.5	<0.2
1147911	Soil		27	23	0.39	168	0.052	2	1.58	0.038	0.05	1.2	0.09	2.5	0.1	<0.05	4	<0.5	<0.2
1147928	Soil		18	25	0.45	283	0.035	3	1.75	0.027	0.05	0.4	0.04	2.6	0.2	<0.05	5	<0.5	<0.2
1147930	Soil		20	28	0.52	323	0.054	3	1.86	0.044	0.05	0.5	0.05	3.1	0.2	<0.05	6	<0.5	<0.2
1147929	Soil		23	28	0.53	299	0.047	4	1.88	0.038	0.07	0.3	0.04	3.4	0.2	<0.05	6	<0.5	<0.2
1147925	Soil		13	23	0.38	184	0.020	1	1.72	0.010	0.05	0.3	0.03	1.1	0.2	0.06	6	<0.5	<0.2
1147926	Soil		21	29	0.52	245	0.041	4	1.80	0.025	0.06	0.7	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1147927	Soil		17	24	0.46	264	0.033	2	1.78	0.016	0.05	0.4	0.04	2.6	0.1	<0.05	6	<0.5	<0.2
1147922	Soil		16	23	0.42	218	0.036	4	1.44	0.027	0.04	0.7	0.07	2.0	0.2	0.10	5	<0.5	<0.2
1147924	Soil		17	24	0.40	207	0.023	2	1.74	0.014	0.05	0.4	0.04	1.8	0.1	0.07	6	<0.5	<0.2
1147923	Soil		20	26	0.52	276	0.046	5	1.64	0.039	0.07	0.4	0.06	3.0	0.2	0.10	5	0.6	<0.2
1147921	Soil		26	29	0.46	215	0.031	5	1.64	0.024	0.06	0.7	0.05	4.9	0.2	<0.05	4	<0.5	<0.2
1147920	Soil		21	30	0.55	302	0.037	3	1.84	0.024	0.06	0.6	0.06	3.8	0.1	<0.05	6	<0.5	<0.2
1147917	Soil		19	23	0.41	252	0.036	4	1.62	0.076	0.04	0.6	0.04	2.3	0.1	0.08	5	0.6	<0.2
1147919	Soil		22	30	0.46	304	0.043	4	1.57	0.057	0.05	1.9	0.08	3.4	0.1	0.06	5	0.5	<0.2
1147918	Soil		17	24	0.43	235	0.039	4	1.56	0.078	0.05	1.0	0.07	2.1	0.1	0.06	5	<0.5	<0.2
1147913	Soil		28	24	0.42	194	0.050	3	1.42	0.044	0.05	1.2	0.09	2.7	<0.1	<0.05	4	<0.5	<0.2
1147914	Soil		24	24	0.46	212	0.030	3	1.52	0.063	0.06	1.1	0.05	2.3	0.1	<0.05	4	<0.5	<0.2
1147915	Soil		21	26	0.40	267	0.029	4	1.78	0.092	0.04	1.0	0.08	2.0	0.1	0.08	5	<0.5	<0.2
1147916	Soil		20	21	0.41	230	0.032	3	1.44	0.052	0.05	0.9	0.05	1.9	0.1	0.05	4	<0.5	<0.2
1076103	Soil		21	20	0.49	219	0.026	6	1.45	0.029	0.05	1.0	0.05	2.4	<0.1	<0.05	4	<0.5	<0.2
1076104	Soil		40	25	0.58	433	0.010	9	1.48	0.013	0.12	1.1	0.13	6.3	0.6	<0.05	4	0.6	<0.2
1076107	Soil		21	25	0.49	218	0.037	4	2.08	0.087	0.05	0.9	0.04	2.3	<0.1	<0.05	6	<0.5	<0.2

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Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000177.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1076106	Soil	0.7	42.8	16.8	73	0.3	26.3	10.0	386	2.44	89.3	1.0	24.9	4.0	58	0.4	8.4	1.6	40	1.02	0.088
1076108	Soil	1.1	24.4	19.6	59	0.2	15.9	9.9	299	3.55	366.2	4.7	8.0	15.9	64	0.3	6.3	4.2	37	0.54	0.106
1076109	Soil	1.1	32.1	13.2	56	0.2	24.3	11.9	223	2.92	209.4	3.1	4.1	6.7	31	0.4	3.4	1.4	45	0.45	0.099
1076110	Soil	0.9	26.1	10.8	77	0.1	27.3	9.3	443	2.49	43.3	1.1	7.7	5.4	31	0.5	1.6	0.6	42	0.43	0.101
1076111	Soil	0.5	22.9	15.8	77	0.2	20.9	8.8	229	2.29	55.6	1.7	1.8	6.6	31	0.4	2.5	1.7	38	0.60	0.084
1076105	Soil	0.4	98.9	49.8	210	1.8	34.3	16.5	2765	4.53	982.8	1.1	67.4	10.4	27	3.9	767.9	12.5	30	1.10	0.145
1076101	Soil	0.9	50.0	10.5	75	0.3	22.7	9.3	430	2.42	156.6	2.1	24.5	6.5	27	0.5	10.8	2.6	41	0.34	0.090
1076102	Soil	0.7	230.0	17.0	82	1.9	17.8	7.7	517	2.54	357.7	1.5	362.2	3.6	47	0.8	61.3	64.8	33	1.05	0.102
1076112	Soil	0.5	30.9	14.7	72	0.2	24.2	8.5	104	2.54	90.8	1.4	2.3	9.2	29	0.4	5.8	1.7	45	0.49	0.082
1076113	Soil	0.7	25.3	9.8	65	0.1	20.3	8.5	341	2.25	76.1	1.1	5.3	6.8	43	0.4	2.0	1.2	38	0.59	0.090
1076114	Soil	0.6	28.0	14.7	56	0.2	23.4	9.5	329	2.10	193.6	2.0	6.9	5.1	96	0.4	1.6	6.2	32	1.40	0.096
1076115	Soil	0.6	31.8	13.6	60	0.2	22.4	8.8	376	1.94	125.4	1.8	4.6	3.3	72	0.5	2.6	2.0	32	1.42	0.099
1076116	Soil	0.6	37.2	13.2	75	0.2	25.4	9.1	258	2.28	71.9	2.0	5.0	4.7	52	0.6	2.0	1.9	40	1.00	0.106
1076117	Soil	0.6	30.8	13.8	68	0.2	22.2	8.6	359	2.10	50.9	1.5	4.1	5.0	61	0.4	1.9	2.2	38	1.08	0.088
1076118	Soil	0.6	32.7	14.5	67	0.2	23.5	9.3	335	2.12	90.6	2.1	3.6	4.5	66	0.4	2.2	2.2	36	1.06	0.098
1076119	Soil	0.6	33.4	23.3	84	0.3	26.6	11.4	495	2.88	213.7	1.4	3.7	7.2	97	0.4	8.8	1.9	33	1.79	0.127
1076121	Soil	0.8	39.1	10.5	58	0.2	19.2	8.1	242	2.33	198.3	3.5	9.4	3.3	15	0.2	52.4	1.4	40	0.19	0.057
1076120	Soil	1.1	84.7	12.3	76	0.1	44.2	16.2	352	3.65	762.2	2.4	13.0	5.5	33	0.5	69.2	5.0	62	0.26	0.082
1076126	Soil	0.9	19.9	22.8	69	0.1	20.6	8.6	384	2.39	32.1	1.5	1.6	1.9	25	0.2	0.8	0.5	43	0.43	0.089
1076130	Soil	0.6	23.2	18.3	58	0.1	20.9	8.6	286	2.27	17.4	0.9	2.2	2.8	25	0.1	0.9	0.3	39	0.38	0.078
1076123	Soil	1.1	14.3	19.5	94	0.1	17.0	8.7	473	2.74	30.8	1.0	3.2	0.5	18	0.2	1.6	0.9	45	0.32	0.062
1076127	Soil	0.6	17.6	13.8	63	<0.1	19.6	7.2	268	2.11	39.2	1.4	5.2	3.6	27	0.3	1.4	0.3	39	0.45	0.058
1076128	Soil	0.9	12.6	24.5	56	<0.1	15.0	7.8	425	2.41	19.8	0.9	1.3	1.1	21	0.1	1.0	0.5	45	0.35	0.074
1076129	Soil	0.6	22.8	19.0	59	0.1	20.2	8.4	282	2.28	17.3	0.9	4.2	2.9	26	0.2	0.9	0.3	39	0.37	0.078
1076122	Soil	0.8	19.1	11.1	66	<0.1	18.5	9.3	482	2.31	72.5	1.4	2.7	1.4	12	0.2	10.0	0.6	42	0.16	0.063
1076125	Soil	0.9	20.6	23.5	98	0.1	20.0	9.5	427	2.21	66.1	2.8	1.6	1.8	41	0.8	1.1	1.6	41	0.66	0.083
1076124	Soil	0.7	22.3	21.7	93	0.2	16.8	7.7	400	2.04	89.0	4.1	3.9	1.5	38	0.8	1.4	0.6	42	0.86	0.091
1071264	Soil	2.0	32.7	14.1	67	<0.1	19.2	9.8	386	2.85	48.7	2.8	5.0	1.2	11	0.1	1.1	2.0	54	0.11	0.064
1071265	Soil	3.8	66.8	20.4	71	0.4	22.0	11.0	662	3.01	166.8	5.2	14.7	1.7	23	0.1	12.2	6.4	57	0.21	0.113
1071266	Soil	1.5	33.7	13.8	67	0.2	19.0	9.9	429	2.74	88.9	3.0	10.4	2.5	14	0.1	2.4	2.0	50	0.14	0.084

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1076106	Soil		18	31	0.67	262	0.053	3	2.58	0.070	0.06	0.5	0.05	2.6	0.2	0.06	7	<0.5	<0.2
1076108	Soil		56	19	0.45	233	0.025	<1	1.66	0.008	0.08	1.7	0.05	3.5	0.2	<0.05	6	<0.5	<0.2
1076109	Soil		32	31	0.58	276	0.050	1	1.97	0.012	0.09	0.9	0.05	3.4	0.2	0.05	6	0.6	<0.2
1076110	Soil		19	24	0.45	227	0.038	1	1.36	0.021	0.06	1.0	0.06	2.2	0.1	<0.05	4	<0.5	<0.2
1076111	Soil		21	26	0.48	274	0.037	6	1.91	0.017	0.07	0.3	0.06	3.2	0.2	<0.05	6	<0.5	<0.2
1076105	Soil		40	25	0.56	441	0.010	10	1.46	0.012	0.13	1.1	0.14	6.5	0.6	<0.05	5	<0.5	<0.2
1076101	Soil		22	25	0.40	227	0.048	1	1.45	0.013	0.07	2.1	0.05	2.2	0.2	<0.05	5	0.6	<0.2
1076102	Soil		19	21	0.44	202	0.026	6	1.54	0.021	0.05	0.9	0.07	2.0	0.1	<0.05	5	1.1	1.5
1076112	Soil		26	33	0.50	230	0.037	1	2.00	0.016	0.09	0.3	0.17	4.8	0.2	<0.05	6	0.6	<0.2
1076113	Soil		22	21	0.40	184	0.038	2	1.05	0.026	0.06	1.0	0.06	2.4	0.1	<0.05	3	<0.5	<0.2
1076114	Soil		22	23	0.44	257	0.032	4	2.07	0.098	0.05	1.2	0.05	2.0	0.1	0.07	6	0.6	<0.2
1076115	Soil		19	23	0.43	314	0.030	3	1.78	0.066	0.05	0.7	0.06	1.9	0.1	0.08	5	<0.5	<0.2
1076116	Soil		21	26	0.46	336	0.031	3	1.63	0.044	0.06	0.8	0.05	2.6	<0.1	0.06	5	<0.5	<0.2
1076117	Soil		20	25	0.42	355	0.038	3	1.63	0.056	0.05	1.2	0.05	2.4	<0.1	<0.05	5	<0.5	<0.2
1076118	Soil		23	26	0.45	367	0.030	3	2.00	0.053	0.05	0.7	0.05	2.7	0.1	0.05	6	0.5	<0.2
1076119	Soil		34	26	0.32	245	0.007	3	2.05	0.040	0.06	0.1	0.37	4.3	<0.1	<0.05	5	0.6	<0.2
1076121	Soil		19	24	0.45	228	0.036	1	1.50	0.006	0.06	0.4	0.03	2.9	0.2	<0.05	4	<0.5	<0.2
1076120	Soil		18	70	0.86	761	0.077	<1	2.47	0.009	0.15	0.6	0.03	3.2	0.5	<0.05	8	0.6	<0.2
1076126	Soil		16	26	0.46	265	0.025	2	1.94	0.014	0.06	0.3	0.02	2.0	0.1	<0.05	6	<0.5	<0.2
1076130	Soil		16	22	0.43	318	0.033	1	1.69	0.013	0.05	0.4	0.04	2.2	0.1	<0.05	5	<0.5	<0.2
1076123	Soil		13	27	0.47	197	0.022	1	1.98	0.007	0.05	0.4	0.04	1.2	0.1	<0.05	7	<0.5	<0.2
1076127	Soil		16	24	0.46	259	0.036	1	1.45	0.014	0.06	0.3	0.03	2.4	0.1	<0.05	4	<0.5	<0.2
1076128	Soil		14	25	0.41	211	0.026	1	1.70	0.007	0.05	0.4	0.03	1.5	0.2	<0.05	6	<0.5	<0.2
1076129	Soil		17	23	0.43	321	0.034	1	1.69	0.013	0.05	0.3	0.03	2.2	0.1	<0.05	5	<0.5	<0.2
1076122	Soil		16	25	0.43	150	0.031	2	1.74	0.006	0.05	0.4	0.05	1.8	0.1	<0.05	5	<0.5	<0.2
1076125	Soil		15	23	0.43	203	0.022	2	1.77	0.023	0.05	0.3	0.05	1.8	0.1	<0.05	5	<0.5	<0.2
1076124	Soil		15	23	0.39	182	0.022	3	1.37	0.021	0.05	0.3	0.03	1.6	0.1	0.06	4	<0.5	<0.2
1071264	Soil		18	29	0.45	156	0.027	1	1.83	0.006	0.05	0.4	0.04	1.8	0.2	<0.05	6	0.9	<0.2
1071265	Soil		33	30	0.44	321	0.016	5	2.24	0.011	0.06	1.1	0.07	2.1	0.3	0.08	7	0.7	<0.2
1071266	Soil		20	28	0.45	162	0.032	2	1.81	0.006	0.05	0.5	0.05	2.4	0.2	<0.05	5	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000177.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1071267	Soil	1.5	34.8	13.5	67	0.2	17.8	7.9	355	2.63	64.0	2.4	27.2	2.0	13	0.1	2.7	3.2	47	0.16	0.089
1071268	Soil	1.2	26.6	12.6	73	0.2	22.3	9.1	379	2.54	67.5	3.2	16.8	2.5	19	<0.1	4.1	3.1	50	0.20	0.076
1071269	Soil	0.6	26.8	15.7	62	0.1	21.7	7.5	260	1.91	28.7	1.1	3.8	5.6	29	0.2	1.3	2.1	32	0.39	0.083
1071270	Soil	0.7	27.0	19.6	66	0.2	19.1	7.7	298	2.13	27.6	1.5	7.7	4.1	39	0.3	1.3	4.8	35	0.55	0.071
1071271	Soil	0.7	19.2	13.8	62	<0.1	16.8	7.0	300	2.12	46.6	1.0	4.2	2.8	28	0.2	1.5	2.0	37	0.36	0.061
1071272	Soil	0.6	23.6	12.4	58	<0.1	19.0	7.1	275	2.04	29.3	1.2	4.0	4.2	31	0.1	1.1	0.8	36	0.32	0.068
1071274	Soil	0.7	30.4	19.9	68	0.1	22.7	8.4	373	2.29	15.5	1.6	4.9	4.1	37	0.2	0.9	1.0	40	0.47	0.097
1071251	Soil	2.7	344.0	32.6	103	1.8	19.6	18.6	1403	6.05	2041	6.9	96.9	17.4	61	1.0	343.9	47.7	58	0.69	0.131
1071252	Soil	1.2	130.9	43.6	104	0.7	18.2	9.5	582	4.09	901.1	5.7	32.5	10.3	74	0.9	98.9	19.3	37	0.56	0.093
1071254	Soil	0.8	77.6	11.1	71	0.3	35.1	18.5	461	3.26	308.3	3.5	29.1	8.2	163	0.3	114.5	5.7	55	0.85	0.087
1071253	Soil	0.6	80.5	15.9	79	0.5	32.3	14.7	536	3.49	1007	1.7	20.7	7.0	146	0.6	89.7	17.8	42	0.67	0.082
1071273	Soil	0.6	26.9	18.4	59	0.2	21.4	8.2	381	2.01	25.2	1.1	24.5	5.5	38	0.4	1.3	0.7	34	0.46	0.084
1071263	Soil	0.8	20.4	9.6	53	<0.1	16.1	7.2	258	2.20	67.0	1.3	4.7	3.1	14	0.2	3.2	0.9	36	0.12	0.059
1071256	Soil	0.7	191.3	19.1	81	1.0	32.6	14.0	641	3.80	1789	2.1	31.5	3.6	64	0.5	338.6	22.3	47	0.82	0.104
1071255	Soil	1.0	173.3	12.4	73	0.5	35.3	15.1	444	3.28	1909	2.2	58.3	6.6	91	0.5	31.1	37.8	47	0.82	0.088
1071257	Soil	2.1	223.9	24.7	103	3.7	30.4	12.7	605	4.31	3318	2.0	68.2	3.0	74	1.1	448.3	26.2	43	1.15	0.104
1071259	Soil	1.2	33.3	13.2	69	0.2	20.5	8.6	305	2.45	143.6	5.5	12.0	2.2	19	0.1	1.2	3.5	42	0.29	0.085
1071258	Soil	1.9	89.0	22.7	59	0.7	19.2	18.4	740	2.96	768.6	5.3	24.4	3.6	28	0.2	67.4	8.0	40	0.28	0.087
1071260	Soil	1.3	19.8	9.0	48	<0.1	14.4	6.1	244	2.18	73.6	2.3	15.0	1.6	13	<0.1	7.3	1.3	41	0.13	0.049
1071262	Soil	0.9	29.3	10.7	58	<0.1	19.5	8.3	393	2.12	64.4	2.4	8.5	4.6	16	0.2	4.3	1.0	39	0.18	0.079
1071261	Soil	1.3	29.4	11.9	58	0.1	17.4	8.2	248	2.35	125.4	3.2	9.4	4.3	14	<0.1	11.7	2.0	41	0.15	0.070
1071275	Soil	0.9	21.7	23.7	64	0.5	13.9	4.1	726	1.23	8.9	0.6	1.8	1.4	66	1.7	9.2	0.2	18	1.66	0.112
1071276	Soil	0.7	21.8	25.9	103	0.2	20.9	7.7	286	2.39	22.6	0.8	5.1	3.0	27	0.5	2.9	0.5	46	0.38	0.065
1071286	Soil	0.6	25.9	15.5	65	0.2	17.7	7.4	302	2.01	106.0	1.7	7.3	4.0	23	0.2	1.3	1.6	36	0.32	0.080
1071283	Soil	0.6	30.2	43.0	70	0.4	26.8	9.1	368	2.20	16.9	1.5	4.7	5.6	78	0.6	2.2	0.3	39	1.30	0.095
1071285	Soil	0.7	27.2	21.4	71	0.2	18.6	7.5	428	2.24	29.1	1.4	2.7	1.9	33	0.5	1.5	2.0	37	0.60	0.100
1071277	Soil	0.7	22.0	25.4	107	0.2	21.9	8.1	282	2.42	22.0	0.8	2.8	3.0	26	0.5	2.9	0.5	48	0.38	0.070
1071284	Soil	0.3	24.8	57.8	84	0.3	24.6	9.4	223	2.31	13.2	1.0	3.1	7.4	48	0.7	1.7	0.8	40	0.77	0.080
1079510	Soil	1.2	23.6	12.0	79	0.2	19.4	8.1	438	2.30	35.4	1.7	7.9	4.3	26	0.4	1.5	1.7	44	0.30	0.082
1079507	Soil	1.4	67.8	12.5	77	0.1	31.4	11.2	414	2.45	53.8	3.9	14.6	5.9	32	0.3	2.0	1.9	50	0.38	0.111

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Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000177.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1071267	Soil	18	27	0.48	102	0.033	2	1.50	0.006	0.04	0.4	0.06	1.8	0.1	<0.05	5	<0.5	<0.2
1071268	Soil	24	32	0.49	220	0.030	1	1.94	0.008	0.04	0.6	0.05	2.6	0.3	<0.05	6	<0.5	<0.2
1071269	Soil	16	20	0.43	217	0.037	2	1.59	0.015	0.05	0.4	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
1071270	Soil	17	23	0.45	230	0.029	1	1.73	0.016	0.04	0.6	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
1071271	Soil	15	22	0.42	202	0.033	1	1.59	0.010	0.04	0.6	0.02	1.8	0.1	<0.05	5	<0.5	<0.2
1071272	Soil	19	22	0.44	243	0.036	2	1.59	0.010	0.04	0.3	0.02	2.2	0.1	<0.05	5	<0.5	<0.2
1071274	Soil	20	25	0.44	201	0.036	2	1.73	0.023	0.04	0.7	0.03	2.4	<0.1	<0.05	5	<0.5	<0.2
1071251	Soil	53	82	0.83	295	0.073	2	1.57	0.010	0.22	0.5	0.04	11.3	0.6	0.08	6	0.9	<0.2
1071252	Soil	43	36	0.51	207	0.034	3	1.25	0.016	0.08	0.9	0.03	6.4	0.2	<0.05	4	0.5	<0.2
1071254	Soil	27	50	1.30	264	0.117	3	2.97	0.026	0.49	0.7	0.05	5.3	0.3	<0.05	9	<0.5	<0.2
1071253	Soil	22	34	0.93	273	0.067	3	2.56	0.025	0.11	0.5	0.04	3.9	0.2	<0.05	7	<0.5	<0.2
1071273	Soil	21	21	0.43	207	0.043	1	1.64	0.027	0.05	0.4	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
1071263	Soil	16	23	0.45	110	0.043	2	1.48	0.006	0.06	0.7	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1071256	Soil	21	30	0.67	234	0.052	5	1.85	0.028	0.06	0.5	0.07	4.1	0.2	0.08	6	1.2	<0.2
1071255	Soil	21	28	0.94	232	0.072	5	2.04	0.044	0.12	1.1	0.03	3.3	0.2	<0.05	6	0.9	<0.2
1071257	Soil	20	33	0.49	186	0.037	9	1.63	0.040	0.10	0.3	0.06	3.8	0.4	0.27	5	2.3	<0.2
1071259	Soil	25	27	0.47	218	0.033	2	1.76	0.010	0.04	0.7	0.05	2.3	0.2	<0.05	6	<0.5	<0.2
1071258	Soil	28	30	0.46	158	0.029	1	1.67	0.010	0.08	2.8	0.04	2.7	0.4	0.06	5	0.8	<0.2
1071260	Soil	16	25	0.44	147	0.030	1	1.51	0.005	0.04	0.4	0.03	1.8	0.2	<0.05	5	<0.5	<0.2
1071262	Soil	19	24	0.42	122	0.044	2	1.39	0.007	0.05	0.5	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1071261	Soil	20	27	0.48	128	0.051	<1	1.65	0.006	0.07	0.7	0.03	2.3	0.2	<0.05	5	<0.5	<0.2
1071275	Soil	12	17	0.28	334	0.023	6	1.02	0.018	0.05	0.2	0.11	1.7	0.2	0.19	3	0.8	<0.2
1071276	Soil	15	27	0.64	257	0.053	2	1.67	0.012	0.07	0.3	0.04	2.9	0.3	<0.05	5	<0.5	<0.2
1071286	Soil	19	22	0.41	176	0.036	2	1.34	0.011	0.04	0.3	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
1071283	Soil	24	30	0.49	262	0.056	5	1.67	0.070	0.07	0.7	0.08	2.8	0.2	<0.05	5	<0.5	<0.2
1071285	Soil	19	23	0.45	222	0.031	3	1.64	0.011	0.05	0.6	0.03	1.7	0.2	<0.05	5	<0.5	<0.2
1071277	Soil	15	28	0.65	250	0.057	2	1.75	0.011	0.08	0.2	0.03	3.0	0.3	<0.05	5	<0.5	<0.2
1071284	Soil	19	28	0.49	283	0.054	4	1.68	0.038	0.05	0.3	0.06	3.7	0.1	<0.05	5	<0.5	<0.2
1079510	Soil	22	23	0.40	243	0.044	3	1.64	0.012	0.05	0.7	0.05	2.1	0.1	<0.05	5	<0.5	<0.2
1079507	Soil	24	28	0.47	241	0.059	3	1.72	0.012	0.06	0.7	0.05	2.8	0.2	<0.05	5	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1079512	Soil		1.3	46.8	13.7	71	0.1	22.5	10.6	369	2.33	86.4	3.1	17.5	3.2	37	0.3	1.8	4.4	42	0.36	0.094
1079509	Soil		1.3	36.4	12.0	73	0.1	24.3	8.3	323	2.17	46.9	2.8	13.5	6.6	28	0.3	1.9	2.1	48	0.32	0.096
1079511	Soil		1.1	33.9	10.2	63	0.1	18.9	9.4	325	2.28	117.8	2.8	46.5	7.1	34	0.2	2.1	7.0	36	0.27	0.070
1079508	Soil		0.9	26.2	9.6	58	<0.1	22.9	8.8	296	2.17	46.3	1.6	11.3	5.9	15	0.2	1.5	0.9	36	0.20	0.055
1079513	Soil		1.0	25.9	11.0	65	<0.1	22.3	9.1	350	2.31	36.1	1.5	6.9	4.1	19	0.3	1.5	1.4	41	0.22	0.080
1079514	Soil		1.5	21.6	11.3	67	0.1	18.2	7.8	392	2.49	58.6	1.9	4.5	2.0	15	0.1	1.6	1.2	43	0.14	0.072
1079515	Soil		0.5	20.5	15.0	68	0.2	18.4	8.6	452	2.05	83.6	8.6	4.3	2.4	39	0.3	1.8	1.8	34	0.79	0.085
1079516	Soil		0.7	28.2	22.7	71	0.2	21.3	8.6	352	2.20	25.8	1.2	7.3	2.6	39	0.4	1.6	3.0	39	0.68	0.092
1079518	Soil		0.8	61.2	41.3	72	0.4	21.3	8.3	381	2.05	54.4	1.2	19.9	3.5	51	0.6	2.1	7.8	38	0.89	0.094
1079517	Soil		0.7	66.4	43.4	75	0.5	22.1	8.6	394	2.11	58.3	1.1	20.2	3.4	52	0.6	2.2	10.6	38	0.94	0.095
1047499	Soil		0.8	84.0	13.5	63	0.1	23.6	12.1	351	3.15	249.1	2.9	22.7	7.0	26	0.2	14.8	5.8	48	0.13	0.066
1047500	Soil		1.3	41.6	14.6	77	0.2	27.6	14.5	466	3.34	106.2	2.3	3.5	4.3	13	0.2	4.9	1.2	46	0.08	0.057
1095323	Soil		0.8	52.4	27.2	69	0.4	24.7	10.1	334	2.50	284.3	2.3	8.2	3.4	47	0.4	21.0	4.1	38	0.66	0.095
1095325	Soil		0.7	30.9	16.2	79	0.1	28.6	12.4	456	2.76	121.1	1.2	5.0	3.4	32	0.4	3.1	2.0	50	0.39	0.077
1079501	Soil		1.3	31.1	36.1	115	0.3	24.3	13.0	835	2.31	81.7	2.7	10.7	4.2	79	1.0	1.4	7.2	37	1.18	0.115
1050870	Soil		0.8	30.7	15.6	72	0.2	29.1	12.2	389	2.71	107.8	1.3	11.0	6.5	57	0.4	2.6	1.8	47	0.78	0.091
1095324	Soil		1.0	43.8	18.5	84	0.3	29.6	12.0	465	2.82	142.2	1.9	9.5	3.5	49	0.5	7.4	2.7	47	0.70	0.098
1079502	Soil		0.8	23.0	23.0	55	0.2	22.8	11.0	394	2.46	84.2	2.0	13.4	3.2	66	0.5	0.9	7.8	39	0.85	0.094
1079504	Soil		1.1	51.1	22.3	106	0.2	28.1	12.5	583	2.63	45.3	3.9	15.3	5.3	55	0.8	1.3	7.4	49	0.98	0.109
1079503	Soil		1.0	74.7	27.0	117	0.4	26.3	14.1	651	2.65	219.3	7.8	32.9	6.1	87	1.0	1.8	15.0	41	1.28	0.135
1079505	Soil		0.8	36.3	24.2	91	0.1	26.5	12.7	530	2.77	74.9	1.8	9.5	2.3	35	0.5	1.0	7.0	51	0.69	0.088
1079506	Soil		0.7	37.2	24.6	88	0.1	27.2	12.9	540	2.82	74.7	1.8	10.5	2.5	35	0.6	1.1	7.5	51	0.69	0.088
1079523	Soil		0.9	29.1	15.5	82	0.2	21.6	7.3	259	2.42	17.5	1.3	4.6	4.9	26	0.6	1.3	1.1	46	0.30	0.075
1079519	Soil		0.8	36.5	24.5	68	0.3	22.0	8.2	378	2.20	26.2	1.2	9.8	1.9	47	0.5	5.0	2.1	48	0.90	0.113
1079520	Soil		1.1	54.5	29.1	79	0.4	27.8	9.4	400	2.32	17.8	1.1	12.4	4.1	60	1.1	1.0	1.2	57	0.94	0.100
1079521	Soil		2.3	37.2	10.3	50	<0.1	25.9	7.8	230	2.70	16.9	0.8	7.5	3.5	15	0.4	0.8	0.4	79	0.17	0.045
1079522	Soil		1.7	86.9	27.7	200	0.4	16.5	9.8	399	2.92	262.7	4.5	1.6	29.1	86	15.1	2.2	1.3	61	0.87	0.124
1071221	Soil		0.6	94.7	18.9	79	0.5	31.4	16.7	545	2.65	334.4	2.0	33.2	4.1	90	0.6	78.0	6.7	41	1.67	0.119
1071220	Soil		0.7	76.1	15.1	148	0.3	33.5	18.9	857	4.65	547.3	1.3	112.1	6.8	67	0.6	194.1	8.4	37	1.05	0.113
1071225	Soil		1.0	184.7	37.1	92	2.4	36.0	17.9	566	4.82	4434	1.5	96.3	5.5	82	1.0	386.8	34.0	47	1.61	0.119

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000177.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1079512	Soil	25	29	0.48	199	0.060	3	2.16	0.020	0.07	0.8	0.08	2.4	0.2	0.07	7	1.0	<0.2
1079509	Soil	22	25	0.45	252	0.053	3	1.60	0.013	0.06	0.7	0.05	2.3	0.2	<0.05	5	<0.5	<0.2
1079511	Soil	26	22	0.40	175	0.060	2	1.57	0.009	0.06	0.9	0.04	2.3	0.1	<0.05	4	<0.5	<0.2
1079508	Soil	19	21	0.34	139	0.045	2	1.34	0.007	0.04	0.9	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1079513	Soil	20	24	0.43	162	0.044	2	1.48	0.010	0.05	0.8	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1079514	Soil	16	26	0.45	115	0.032	1	1.70	0.006	0.04	0.4	0.03	1.8	0.1	<0.05	5	<0.5	<0.2
1079515	Soil	17	23	0.43	212	0.022	3	1.60	0.016	0.04	0.4	0.04	2.0	0.1	0.06	5	1.0	<0.2
1079516	Soil	16	25	0.48	232	0.027	2	2.06	0.032	0.05	0.3	0.04	2.3	0.1	<0.05	6	<0.5	<0.2
1079518	Soil	17	25	0.53	274	0.036	4	1.86	0.035	0.06	0.5	0.05	2.4	0.1	<0.05	6	0.6	<0.2
1079517	Soil	17	24	0.55	268	0.037	5	1.89	0.036	0.06	0.3	0.06	2.6	0.2	<0.05	6	0.6	0.3
1047499	Soil	21	39	0.69	132	0.069	<1	2.28	0.008	0.25	4.4	0.02	3.2	0.4	<0.05	8	<0.5	0.2
1047500	Soil	18	35	0.52	136	0.054	2	2.00	0.006	0.13	0.4	0.04	2.9	0.3	<0.05	6	0.5	<0.2
1095323	Soil	21	29	0.47	249	0.033	2	2.24	0.045	0.06	0.9	0.05	2.9	0.2	0.07	7	0.6	<0.2
1095325	Soil	16	37	0.69	198	0.078	3	3.08	0.032	0.09	0.6	0.04	3.2	0.2	<0.05	9	<0.5	<0.2
1079501	Soil	30	30	0.40	244	0.056	6	3.11	0.090	0.07	1.1	0.09	2.4	0.1	0.07	9	0.5	<0.2
1050870	Soil	20	30	0.53	204	0.073	3	2.15	0.070	0.09	1.4	0.05	3.0	0.2	<0.05	6	0.5	<0.2
1095324	Soil	17	37	0.77	262	0.088	3	3.21	0.057	0.11	0.4	0.07	3.7	0.3	0.07	10	<0.5	<0.2
1079502	Soil	21	26	0.35	182	0.047	5	3.53	0.056	0.05	0.6	0.04	2.3	0.1	0.06	10	1.1	<0.2
1079504	Soil	26	34	0.61	243	0.084	4	2.65	0.062	0.07	0.8	0.06	3.7	0.2	<0.05	9	0.8	<0.2
1079503	Soil	53	26	0.48	224	0.058	6	2.48	0.085	0.07	1.0	0.08	3.2	0.2	0.06	7	0.6	0.3
1079505	Soil	17	35	0.59	240	0.053	2	2.54	0.031	0.05	0.4	0.06	2.9	0.2	0.06	7	<0.5	<0.2
1079506	Soil	17	35	0.59	236	0.051	4	2.57	0.030	0.05	0.4	0.04	2.9	0.1	0.07	7	0.8	<0.2
1079523	Soil	19	26	0.55	202	0.051	2	1.66	0.009	0.07	0.8	0.03	2.8	0.2	<0.05	5	<0.5	<0.2
1079519	Soil	20	29	0.59	275	0.032	3	2.19	0.037	0.05	0.4	0.05	2.4	0.2	0.05	6	<0.5	<0.2
1079520	Soil	20	30	0.59	217	0.052	3	1.94	0.060	0.05	0.6	0.06	2.9	0.2	<0.05	6	<0.5	<0.2
1079521	Soil	11	32	0.47	123	0.068	<1	1.88	0.007	0.04	0.6	0.06	2.2	0.1	<0.05	6	<0.5	<0.2
1079522	Soil	35	37	1.16	182	0.018	1	2.68	0.007	0.12	0.2	0.03	7.5	0.3	<0.05	10	<0.5	<0.2
1071221	Soil	22	24	0.51	272	0.043	9	1.85	0.068	0.08	0.8	0.06	3.3	0.2	0.09	5	1.0	<0.2
1071220	Soil	19	21	0.42	355	0.012	11	1.21	0.031	0.14	1.0	0.05	6.7	0.8	0.09	4	1.1	<0.2
1071225	Soil	22	33	0.73	247	0.042	7	2.10	0.053	0.14	0.4	0.07	6.0	0.4	0.13	7	2.0	<0.2

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Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000177.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1071224	Soil		1.1	202.6	23.3	98	4.2	38.8	15.9	578	4.33	2158	1.9	193.4	3.5	56	0.8	355.7	18.4	55	0.62	0.117
1071227	Soil		0.7	75.8	14.8	71	0.3	37.0	14.6	454	2.86	1269	1.7	32.0	4.8	51	0.6	5.4	12.5	38	0.71	0.081
1071226	Soil		0.9	247.9	38.8	95	3.3	36.4	18.3	584	5.60	5058	1.4	111.6	7.2	73	0.9	480.9	52.5	45	1.12	0.117
1071222	Soil		1.0	524.9	18.3	73	1.9	40.2	18.5	637	5.43	2876	2.3	30.8	4.5	101	0.7	42.8	24.8	41	1.55	0.100
1071229	Soil		1.2	23.7	9.6	53	0.1	15.4	6.3	256	2.16	113.5	2.6	8.2	1.9	12	<0.1	7.8	1.6	43	0.13	0.056
1071219	Soil		0.8	309.1	33.9	96	2.1	22.6	10.8	594	4.10	1804	2.1	78.3	6.1	79	1.5	410.6	25.5	32	1.36	0.096
1071223	Soil		1.8	364.7	28.8	184	4.0	36.6	16.1	798	5.55	4000	2.2	116.8	5.2	99	3.6	1049	34.4	45	1.26	0.111
1071228	Soil		0.9	46.1	12.1	55	0.2	20.7	8.6	282	2.33	296.4	1.4	23.2	5.6	20	0.4	80.9	3.0	39	0.24	0.080
1071230	Soil		0.7	26.9	9.0	51	0.1	17.1	7.1	185	2.16	89.3	1.6	6.8	3.6	16	0.2	7.4	1.4	39	0.20	0.070
1071076	Soil		0.9	17.6	15.3	59	0.1	17.2	9.2	426	2.18	41.6	1.5	13.3	1.1	23	0.2	2.7	2.4	41	0.39	0.088
1071233	Soil		1.2	30.4	10.5	58	0.1	17.0	7.7	245	2.34	79.1	2.2	13.8	2.1	16	0.2	3.8	1.3	44	0.19	0.075
1071234	Soil		1.1	35.2	12.5	60	0.2	18.8	9.7	365	2.41	73.5	2.0	14.6	4.2	17	0.1	5.9	1.9	41	0.21	0.087
1071078	Soil		0.8	24.9	13.9	61	0.1	18.1	6.3	229	1.75	28.4	1.3	7.3	3.9	33	0.3	1.5	2.4	32	0.37	0.072
1071081	Soil		0.5	16.5	11.7	54	<0.1	16.2	6.8	242	1.97	39.7	1.1	2.0	5.6	25	0.3	1.1	1.0	32	0.25	0.064
1071080	Soil		0.8	23.9	11.3	53	<0.1	17.1	6.7	245	1.88	34.7	1.5	3.4	5.7	33	0.2	1.0	1.3	32	0.23	0.059
1071077	Soil		0.5	20.0	10.6	52	0.1	16.6	5.7	201	1.61	27.0	0.8	3.6	5.1	21	0.2	1.6	1.2	27	0.27	0.067
1071079	Soil		0.7	24.8	15.8	67	0.2	19.9	7.8	341	2.02	35.0	1.5	4.4	4.6	33	0.4	1.2	5.3	32	0.38	0.063
1071232	Soil		1.2	22.1	10.0	48	0.1	14.4	6.0	237	2.08	49.9	1.6	8.9	3.4	12	0.1	3.6	1.3	35	0.14	0.061
1071082	Soil		0.6	17.1	15.6	62	0.1	16.6	6.4	289	2.05	18.4	1.1	2.3	3.0	25	0.2	1.2	1.0	34	0.30	0.070
1071231	Soil		0.8	15.7	8.5	39	<0.1	11.9	4.4	168	1.71	50.6	1.1	4.6	2.2	12	0.1	3.3	1.0	32	0.12	0.051
1071061	Soil		0.9	25.7	36.5	83	0.3	23.8	9.7	363	2.33	12.2	1.0	3.4	2.4	39	0.6	2.4	0.3	54	0.68	0.065
1071062	Soil		0.9	28.9	23.5	73	0.3	22.8	8.6	249	2.14	18.2	1.1	5.5	4.3	42	0.5	1.9	0.3	48	0.60	0.058
1071060	Soil		0.7	26.4	34.4	69	0.3	23.3	8.7	307	2.01	26.5	1.1	2.5	2.4	34	0.4	1.7	0.4	38	0.57	0.068
1071084	Soil		0.5	20.0	35.0	68	0.2	21.4	9.1	285	1.79	13.7	1.0	25.9	3.3	37	0.5	1.3	0.8	36	0.57	0.081
1071059	Soil		0.8	15.6	25.2	62	0.1	16.8	7.4	358	2.14	14.9	1.0	2.8	0.9	22	0.2	1.3	0.3	38	0.40	0.068
1071083	Soil		0.5	20.7	13.9	57	<0.1	14.3	5.7	213	1.72	16.1	1.3	8.6	3.6	22	0.2	1.2	1.2	34	0.28	0.080
1076132	Soil		0.3	21.9	19.5	52	0.2	17.9	7.3	272	1.60	20.1	0.9	4.9	3.4	73	0.8	1.5	0.5	26	1.24	0.059
1076131	Soil		0.6	21.3	17.2	54	0.2	18.9	7.2	258	1.75	18.1	0.7	4.2	4.5	65	0.4	1.3	0.4	30	0.94	0.076
1076133	Soil		0.5	20.6	17.3	59	0.2	18.0	7.0	271	1.62	23.4	1.1	1.8	2.6	60	0.8	1.3	0.3	27	1.28	0.064
1076135	Soil		0.4	17.1	14.8	57	0.2	16.5	6.8	242	1.81	21.9	0.9	32.6	5.9	72	0.6	1.4	0.5	35	0.96	0.083

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1071224	Soil		19	41	0.83	276	0.053	5	2.44	0.027	0.13	0.3	0.12	4.8	0.5	0.15	8	1.8	<0.2
1071227	Soil		20	23	0.52	189	0.049	2	1.67	0.031	0.06	0.5	0.03	2.5	0.1	<0.05	5	<0.5	<0.2
1071226	Soil		23	30	0.68	274	0.038	7	2.02	0.051	0.14	0.5	0.06	6.0	0.4	0.12	7	1.4	<0.2
1071222	Soil		21	27	0.66	223	0.060	12	2.18	0.050	0.08	0.7	0.06	3.6	0.2	0.14	7	2.6	<0.2
1071229	Soil		15	27	0.42	118	0.037	<1	1.56	0.006	0.05	0.6	0.03	2.2	0.2	<0.05	5	<0.5	<0.2
1071219	Soil		20	23	0.49	254	0.036	9	1.67	0.066	0.08	1.0	0.05	3.4	0.2	0.10	5	1.7	<0.2
1071223	Soil		19	24	0.43	212	0.037	7	1.50	0.056	0.10	0.5	0.10	5.6	0.5	0.13	5	1.8	2.1
1071228	Soil		17	24	0.42	140	0.051	1	1.31	0.008	0.08	0.7	0.02	2.3	0.2	<0.05	4	0.6	<0.2
1071230	Soil		16	26	0.43	125	0.051	<1	1.69	0.007	0.06	0.6	0.05	2.3	0.2	<0.05	5	<0.5	<0.2
1071076	Soil		14	25	0.42	188	0.030	2	1.84	0.008	0.04	0.5	0.04	1.4	0.2	<0.05	6	<0.5	<0.2
1071233	Soil		18	26	0.43	152	0.043	5	1.39	0.006	0.06	0.5	0.05	2.1	0.2	<0.05	5	<0.5	<0.2
1071234	Soil		16	25	0.44	132	0.046	1	1.48	0.007	0.06	0.5	0.05	2.5	0.2	<0.05	4	<0.5	<0.2
1071078	Soil		18	20	0.41	206	0.037	2	1.32	0.014	0.05	0.5	0.02	1.9	0.1	<0.05	4	0.8	<0.2
1071081	Soil		15	19	0.42	145	0.038	2	1.53	0.008	0.05	0.5	<0.01	1.9	0.1	<0.05	4	0.7	<0.2
1071080	Soil		18	19	0.41	171	0.041	2	1.33	0.009	0.05	0.4	<0.01	1.9	0.1	<0.05	4	0.6	<0.2
1071077	Soil		14	17	0.39	160	0.035	1	1.29	0.010	0.05	0.4	<0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
1071079	Soil		20	20	0.40	203	0.032	<1	1.44	0.017	0.04	0.5	<0.01	2.1	0.1	<0.05	4	0.6	<0.2
1071232	Soil		17	22	0.40	97	0.033	1	1.23	0.005	0.05	0.5	<0.01	1.8	0.1	<0.05	4	0.8	<0.2
1071082	Soil		16	22	0.39	195	0.032	2	1.71	0.010	0.04	0.4	<0.01	2.0	<0.1	<0.05	5	0.7	<0.2
1071231	Soil		15	21	0.37	98	0.034	5	1.36	0.006	0.04	0.5	<0.01	1.6	0.1	<0.05	4	0.6	<0.2
1071061	Soil		16	28	0.59	344	0.049	2	1.92	0.017	0.07	0.2	0.01	3.2	0.2	<0.05	6	0.6	<0.2
1071062	Soil		16	25	0.61	288	0.066	3	1.75	0.029	0.07	0.3	0.01	3.4	0.2	<0.05	5	<0.5	<0.2
1071060	Soil		17	24	0.47	322	0.032	3	1.78	0.019	0.05	0.3	0.01	2.3	0.2	<0.05	5	0.6	<0.2
1071084	Soil		19	22	0.44	303	0.033	2	1.56	0.026	0.04	0.4	0.02	2.2	0.1	<0.05	5	0.7	<0.2
1071059	Soil		12	23	0.44	187	0.021	1	1.73	0.011	0.04	0.2	0.01	1.4	0.2	<0.05	5	0.6	<0.2
1071083	Soil		17	20	0.41	160	0.040	2	1.29	0.007	0.04	0.4	0.01	1.6	0.1	<0.05	4	<0.5	<0.2
1076132	Soil		15	17	0.39	171	0.025	3	1.36	0.058	0.05	0.3	0.02	1.9	<0.1	<0.05	4	0.6	<0.2
1076131	Soil		15	18	0.38	161	0.033	3	1.15	0.049	0.05	0.5	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1076133	Soil		14	19	0.38	162	0.028	4	1.17	0.041	0.05	0.5	0.04	1.8	<0.1	0.06	3	0.7	<0.2
1076135	Soil		17	24	0.41	176	0.052	3	1.13	0.059	0.07	1.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000177.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1076134	Soil		0.5	23.2	17.2	54	0.2	17.0	6.1	306	1.42	26.0	1.3	3.8	2.4	66	0.9	2.2	0.5	26	1.57	0.072
1076136	Soil		0.5	22.0	13.6	53	0.1	17.6	7.0	296	1.54	22.6	0.7	24.8	3.6	92	0.4	2.1	0.5	27	1.40	0.083
1076137	Soil		1.2	22.1	29.7	68	0.4	19.5	10.9	322	3.21	168.2	4.3	9.6	7.8	86	0.3	4.0	6.8	36	0.65	0.051
1076138	Soil		0.7	18.7	14.2	67	0.2	21.5	8.1	327	2.21	61.4	1.1	2.3	4.5	106	0.3	2.1	0.6	39	0.93	0.060
1076139	Soil		0.8	18.4	15.5	68	0.1	18.5	6.9	229	2.01	70.2	1.6	2.5	5.2	48	0.3	2.5	0.9	38	0.46	0.068
1076140	Soil		0.7	23.1	14.3	64	0.2	18.5	6.8	214	1.88	103.9	2.2	19.4	6.7	54	0.4	3.1	1.3	35	0.67	0.069
1148853	Soil		0.7	35.9	20.0	76	0.3	21.4	7.8	336	2.08	40.3	1.2	3.8	7.9	88	0.4	3.9	0.8	47	0.67	0.083
1148854	Soil		1.0	34.8	13.9	74	0.2	23.8	8.4	284	2.18	55.5	1.1	3.0	4.5	49	0.3	6.6	0.7	52	0.52	0.084
1148855	Soil		0.8	27.1	11.3	67	0.2	20.9	7.6	294	1.95	55.6	1.4	4.7	3.4	41	0.3	5.0	0.8	44	0.48	0.073
1148856	Soil		0.7	28.3	8.7	60	0.1	19.1	6.5	227	1.82	122.2	1.5	8.7	4.0	26	0.2	15.0	1.3	35	0.32	0.064
1148857	Soil		0.6	28.7	15.1	60	0.2	20.4	8.9	219	1.87	44.5	1.1	3.5	3.7	28	0.4	1.4	0.6	35	0.46	0.055
1148858	Soil		0.5	38.9	17.3	69	0.3	17.3	9.1	268	1.90	68.1	1.6	3.1	2.4	27	0.4	1.3	1.0	38	0.59	0.063
1076141	Soil		0.6	22.1	13.4	59	0.2	18.2	6.1	204	1.86	63.6	1.1	3.5	6.5	63	0.2	2.0	0.8	32	0.72	0.069
1148852	Soil		1.1	41.6	19.3	98	0.3	25.6	8.9	329	2.23	32.0	1.6	3.4	6.6	76	0.5	2.7	0.6	53	0.62	0.097
1148851	Soil		1.3	51.5	13.2	66	0.2	27.9	9.4	318	2.27	19.4	1.4	5.0	4.1	29	0.1	1.8	0.3	40	0.29	0.069
1076143	Soil		0.5	13.2	10.2	44	0.1	15.6	6.1	299	1.58	45.6	0.7	11.4	2.6	88	0.4	1.2	0.4	27	1.14	0.066
1076144	Soil		0.4	14.2	13.4	49	0.2	14.5	7.1	260	1.50	45.0	1.4	3.4	5.3	72	0.3	2.0	0.7	27	0.64	0.066
1076142	Soil		0.5	17.5	12.3	62	0.1	19.8	7.4	278	1.89	46.1	0.8	7.1	4.6	54	0.4	1.5	0.5	33	0.60	0.046
1076145	Soil		0.5	16.8	15.2	61	0.1	18.4	8.2	242	1.83	50.7	1.4	4.0	4.5	53	0.3	1.8	0.6	33	0.58	0.076
1076146	Soil		0.6	20.5	12.2	54	0.1	18.2	7.3	300	1.81	57.2	1.2	3.7	2.3	84	0.2	1.6	0.3	30	1.27	0.092
1076147	Soil		0.3	17.5	11.0	62	<0.1	20.9	9.2	264	2.56	83.3	1.8	4.9	6.5	134	0.2	1.8	0.3	46	1.27	0.102
1076148	Soil		0.3	17.4	10.2	62	0.1	21.3	9.0	274	2.49	87.1	1.7	4.1	6.2	130	0.2	1.9	0.3	46	1.27	0.099
1076149	Soil		3.3	148.9	15.3	172	0.1	42.1	8.8	227	2.62	29.5	1.4	11.3	2.8	24	0.4	7.0	0.6	132	0.33	0.116
1076150	Soil		1.8	107.5	13.8	96	0.2	33.9	8.8	268	2.59	41.7	1.8	6.3	3.3	19	0.3	3.3	0.7	85	0.23	0.099
1149526	Soil		0.7	16.1	14.7	58	<0.1	14.9	6.3	309	2.12	18.1	0.9	3.3	0.8	19	0.2	0.9	1.0	36	0.30	0.066
1149529	Soil		0.9	16.0	16.4	62	<0.1	17.9	7.5	393	2.25	13.8	0.8	6.5	1.6	20	0.3	1.0	0.3	41	0.26	0.079
1149532	Soil		0.9	20.3	25.0	67	0.2	18.7	9.5	435	2.47	12.0	1.0	1.5	0.9	29	0.1	0.9	0.3	51	0.48	0.075
1149530	Soil		0.8	21.7	19.8	59	0.1	20.2	8.0	180	2.25	16.1	1.8	3.2	2.9	28	0.2	1.7	0.2	44	0.37	0.068
1149525	Soil		0.7	14.4	14.8	56	<0.1	14.4	6.3	307	2.11	18.3	0.9	1.2	0.9	19	0.2	0.8	0.8	37	0.31	0.063
1149528	Soil		0.7	16.2	14.4	63	<0.1	18.7	6.6	236	2.10	10.7	0.8	8.4	3.6	24	0.3	0.9	0.2	38	0.31	0.084

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Project: MAH
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1076134	Soil	14	19	0.34	181	0.024	4	0.98	0.044	0.04	0.6	0.02	1.6	<0.1	0.08	3	0.6	<0.2
1076136	Soil	15	18	0.41	206	0.032	3	1.29	0.069	0.05	0.9	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1076137	Soil	32	31	0.52	209	0.050	2	1.68	0.046	0.10	0.7	0.01	2.8	0.3	0.09	6	0.7	<0.2
1076138	Soil	23	28	0.61	240	0.046	<1	2.16	0.055	0.07	0.3	0.02	3.0	0.2	<0.05	7	0.8	<0.2
1076139	Soil	20	24	0.46	270	0.044	<1	1.45	0.018	0.07	0.3	0.01	2.4	0.2	<0.05	5	<0.5	<0.2
1076140	Soil	23	24	0.46	227	0.045	2	1.34	0.026	0.07	0.5	0.02	3.0	0.2	<0.05	4	<0.5	<0.2
1148853	Soil	26	33	0.63	219	0.060	1	1.79	0.055	0.12	0.2	0.02	4.2	0.2	<0.05	6	0.5	<0.2
1148854	Soil	18	33	0.62	237	0.060	1	1.68	0.028	0.09	0.2	<0.01	3.1	0.2	<0.05	6	<0.5	<0.2
1148855	Soil	16	28	0.52	228	0.047	3	1.54	0.020	0.06	0.3	0.02	2.7	0.2	<0.05	5	<0.5	<0.2
1148856	Soil	16	23	0.42	216	0.042	<1	1.23	0.012	0.06	0.4	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1148857	Soil	15	21	0.40	271	0.024	2	1.18	0.018	0.04	0.3	0.02	2.6	0.1	<0.05	4	<0.5	<0.2
1148858	Soil	14	21	0.41	257	0.017	3	1.23	0.012	0.04	0.3	0.05	2.1	0.2	<0.05	4	0.7	<0.2
1076141	Soil	20	21	0.42	227	0.041	<1	1.35	0.043	0.07	0.4	0.03	2.6	0.1	<0.05	4	0.5	<0.2
1148852	Soil	20	33	0.70	297	0.058	1	1.79	0.032	0.13	0.2	0.03	4.0	0.2	<0.05	6	0.6	<0.2
1148851	Soil	15	22	0.43	242	0.034	1	1.42	0.009	0.05	0.2	0.03	2.6	0.1	<0.05	4	<0.5	<0.2
1076143	Soil	16	19	0.39	166	0.029	1	1.62	0.069	0.05	0.4	0.05	1.8	<0.1	<0.05	4	<0.5	<0.2
1076144	Soil	19	20	0.38	283	0.028	2	1.34	0.027	0.04	0.4	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1076142	Soil	20	22	0.44	199	0.040	2	1.61	0.056	0.06	0.3	0.04	2.6	0.1	<0.05	4	<0.5	<0.2
1076145	Soil	19	23	0.42	288	0.031	2	1.77	0.029	0.05	0.4	0.03	2.3	0.1	<0.05	5	<0.5	<0.2
1076146	Soil	15	22	0.40	234	0.028	3	1.73	0.074	0.05	0.3	0.03	1.8	0.1	0.07	5	<0.5	<0.2
1076147	Soil	21	44	1.22	332	0.104	1	3.38	0.178	0.26	0.3	0.03	4.8	0.2	<0.05	9	<0.5	<0.2
1076148	Soil	21	43	1.18	323	0.102	2	3.20	0.175	0.27	0.3	0.03	4.6	0.2	<0.05	10	<0.5	<0.2
1076149	Soil	11	47	0.80	203	0.036	<1	2.16	0.005	0.10	0.2	0.03	2.9	0.3	<0.05	8	1.8	<0.2
1076150	Soil	18	36	0.60	194	0.042	1	1.77	0.006	0.08	0.2	0.05	3.1	0.3	<0.05	6	0.9	<0.2
1149526	Soil	14	21	0.38	147	0.023	1	1.44	0.008	0.04	0.3	0.02	1.2	0.1	<0.05	5	<0.5	<0.2
1149529	Soil	15	26	0.44	214	0.038	2	1.85	0.009	0.06	0.3	0.03	1.9	0.1	<0.05	6	<0.5	<0.2
1149532	Soil	13	27	0.58	289	0.034	1	1.93	0.010	0.05	0.2	0.03	1.8	0.2	<0.05	6	<0.5	<0.2
1149530	Soil	19	25	0.41	288	0.041	2	1.59	0.012	0.05	0.4	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1149525	Soil	14	22	0.37	148	0.026	3	1.39	0.007	0.04	0.3	0.05	1.1	0.1	<0.05	5	<0.5	<0.2
1149528	Soil	16	23	0.40	217	0.041	2	1.81	0.009	0.05	0.4	0.04	2.1	0.1	<0.05	5	0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1149527	Soil	0.9	14.2	18.2	65	<0.1	16.9	7.2	417	2.15	13.3	0.8	2.4	1.0	21	0.2	1.0	0.5	39	0.31	0.085
1149531	Soil	1.3	21.0	19.6	58	0.1	17.3	7.1	136	2.10	15.3	1.0	2.1	2.4	22	<0.1	1.6	0.2	44	0.34	0.059
1149502	Soil	1.2	186.6	22.6	67	1.5	16.2	6.2	349	2.31	693.0	1.1	32.2	1.6	31	0.8	248.9	12.9	27	0.67	0.119
1149506	Soil	0.7	38.9	8.7	50	<0.1	23.4	12.7	210	2.82	43.4	0.7	3.4	6.4	48	<0.1	5.2	0.3	46	0.36	0.055
1149501	Soil	0.8	99.3	21.3	104	0.8	20.4	8.3	407	2.36	351.0	1.8	20.9	6.0	49	0.8	33.8	5.1	39	0.65	0.071
1149508	Soil	0.7	48.6	13.8	53	0.2	23.3	14.8	412	3.38	1123	1.1	7.3	8.7	111	0.2	22.2	6.6	40	1.27	0.072
1149512	Soil	0.8	32.3	11.4	66	0.2	22.9	10.4	335	2.60	279.9	1.6	6.0	5.2	35	0.3	3.6	2.0	43	0.28	0.082
1149510	Soil	0.9	94.2	19.8	75	0.3	25.8	13.2	452	3.04	335.7	5.6	5.3	8.7	141	0.6	12.2	2.8	41	0.76	0.094
1149511	Soil	1.0	63.9	25.4	81	0.4	27.0	13.9	587	3.01	339.2	5.4	9.3	4.2	100	0.4	9.4	4.3	38	1.31	0.106
1149505	Soil	1.3	48.9	11.4	35	0.4	17.4	6.1	313	1.56	128.3	1.0	8.4	0.8	45	0.3	73.6	1.9	31	1.29	0.128
1149509	Soil	0.8	51.6	17.3	53	0.2	20.2	11.7	323	3.21	756.7	4.0	15.4	9.3	111	0.2	34.5	7.3	35	0.61	0.073
1149507	Soil	0.7	15.9	13.5	48	0.1	19.3	8.3	381	1.99	127.1	0.7	1.6	1.8	61	0.2	1.3	1.2	34	0.97	0.062
1149503	Soil	0.4	26.6	14.1	33	0.2	11.1	6.1	458	0.86	50.9	1.0	2.6	2.3	156	0.3	4.2	1.6	9	3.19	0.119
1149504	Soil	0.6	61.8	17.4	60	0.4	23.4	10.0	348	2.10	342.8	1.3	20.6	6.1	115	0.5	102.4	3.7	30	1.76	0.092
1149516	Soil	0.6	39.8	15.6	71	0.2	19.8	8.6	369	2.23	144.8	1.9	7.7	3.3	70	0.4	8.0	2.5	33	1.68	0.094
1149514	Soil	0.8	135.1	16.9	65	0.5	24.4	10.1	400	2.34	217.8	2.6	11.0	5.0	67	0.4	9.4	3.9	32	1.16	0.091
1149515	Soil	0.6	31.0	15.4	52	0.2	15.7	6.1	320	1.90	111.4	1.9	5.1	3.3	79	0.4	3.9	1.9	28	1.76	0.083
1149517	Soil	1.4	45.8	11.7	59	0.2	16.5	8.1	318	2.53	331.9	2.7	15.6	2.2	23	0.2	31.0	3.6	44	0.33	0.071
1149518	Soil	1.4	22.8	11.7	68	0.1	17.2	8.3	450	2.60	99.0	2.1	9.9	1.3	17	<0.1	10.2	2.4	49	0.22	0.064
1149513	Soil	1.0	35.6	14.0	77	0.1	26.4	11.4	493	3.05	168.8	2.2	7.9	4.1	28	0.3	5.8	2.2	52	0.37	0.081

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000177.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1149527	Soil	14	24	0.39	202	0.026	3	1.74	0.007	0.05	0.3	0.02	1.5	0.1	<0.05	6	<0.5	<0.2
1149531	Soil	16	23	0.41	181	0.037	2	1.40	0.008	0.04	0.2	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1149502	Soil	13	23	0.29	177	0.022	5	1.89	0.018	0.05	0.7	0.09	1.3	0.1	0.07	5	1.0	<0.2
1149506	Soil	16	36	1.06	269	0.104	2	2.85	0.016	0.29	0.3	0.03	3.8	0.3	<0.05	8	<0.5	<0.2
1149501	Soil	24	27	0.43	162	0.045	4	1.52	0.023	0.06	1.2	0.05	2.7	0.1	<0.05	5	<0.5	<0.2
1149508	Soil	27	38	0.98	229	0.038	4	3.31	0.020	0.29	0.8	0.04	4.1	0.3	<0.05	9	<0.5	<0.2
1149512	Soil	22	25	0.46	196	0.053	2	2.10	0.013	0.07	1.2	0.05	2.3	0.2	<0.05	6	0.6	<0.2
1149510	Soil	49	28	0.72	278	0.044	3	2.86	0.029	0.19	1.0	0.04	3.2	0.3	<0.05	8	0.7	<0.2
1149511	Soil	49	28	0.66	230	0.043	4	2.76	0.032	0.10	0.4	0.09	3.3	0.2	<0.05	8	<0.5	<0.2
1149505	Soil	12	23	0.37	185	0.034	6	1.14	0.024	0.08	0.5	0.05	1.5	0.2	<0.05	4	1.1	<0.2
1149509	Soil	39	22	0.68	196	0.024	<1	2.28	0.013	0.13	0.6	0.04	2.6	0.2	<0.05	7	0.6	<0.2
1149507	Soil	13	22	0.38	188	0.034	4	2.09	0.048	0.05	0.2	0.05	1.8	<0.1	<0.05	6	<0.5	<0.2
1149503	Soil	12	8	0.10	81	0.013	14	2.43	0.280	0.04	0.4	0.06	0.6	<0.1	0.07	5	<0.5	<0.2
1149504	Soil	22	21	0.41	195	0.044	13	2.37	0.152	0.06	0.8	0.05	2.2	<0.1	<0.05	6	<0.5	<0.2
1149516	Soil	26	25	0.41	231	0.028	6	1.56	0.039	0.05	0.4	0.08	3.1	0.1	0.06	5	0.5	<0.2
1149514	Soil	32	24	0.33	221	0.014	3	1.86	0.040	0.04	0.5	0.33	3.6	0.2	<0.05	5	0.8	<0.2
1149515	Soil	24	22	0.34	214	0.023	6	1.41	0.040	0.04	0.3	0.08	2.6	<0.1	0.07	5	0.6	<0.2
1149517	Soil	22	27	0.42	141	0.035	3	1.41	0.008	0.06	0.7	0.03	2.0	0.2	<0.05	5	<0.5	<0.2
1149518	Soil	19	29	0.48	182	0.030	3	1.80	0.007	0.05	0.4	0.03	1.8	0.2	<0.05	5	<0.5	<0.2
1149513	Soil	28	35	0.68	221	0.057	2	2.35	0.011	0.08	0.5	0.03	3.9	0.2	<0.05	8	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

QUALITY CONTROL REPORT DAW11000177.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1079961	Soil	0.6	41.1	19.6	58	0.2	24.3	8.3	282	2.04	12.5	1.2	10.2	4.5	43	0.6	1.0	2.6	43	0.47	0.074
REP 1079961	QC	0.7	39.2	19.7	57	0.2	24.0	8.6	299	2.15	12.5	1.2	8.1	4.5	44	0.6	1.0	2.8	45	0.51	0.075
1149534	Soil	0.6	71.4	14.5	70	0.4	21.8	9.8	287	2.15	67.0	3.7	22.3	4.1	70	0.5	1.9	2.7	43	1.48	0.097
REP 1149534	QC	0.6	71.1	14.4	69	0.4	21.1	9.9	282	2.14	65.6	3.5	21.6	4.3	67	0.6	1.9	2.8	43	1.41	0.097
1047487	Soil	1.0	26.0	54.6	56	0.6	13.9	5.9	626	1.08	17.5	1.1	69.6	3.1	180	1.4	2.2	15.2	13	4.13	0.114
REP 1047487	QC	0.8	26.2	52.5	56	0.5	12.8	6.0	648	1.12	16.6	1.0	71.7	3.0	173	1.5	2.0	14.8	13	3.98	0.110
1149545	Soil	0.7	18.4	18.1	65	0.3	16.7	8.9	524	1.87	150.4	4.7	7.9	3.2	91	0.5	1.6	1.4	32	1.83	0.082
REP 1149545	QC	0.7	18.3	17.4	62	0.2	15.7	8.9	505	1.83	148.1	4.6	5.1	3.2	90	0.4	1.6	1.3	31	1.78	0.082
1149546	Soil	0.6	20.3	13.0	54	0.2	17.4	8.2	433	1.80	50.7	3.9	2.9	2.8	116	0.4	1.5	0.5	34	2.37	0.077
REP 1149546	QC	0.6	19.6	12.6	53	0.2	16.4	7.5	414	1.73	52.6	3.8	3.4	2.9	116	0.4	1.5	0.5	34	2.24	0.074
1095318	Soil	0.4	23.6	22.4	56	0.2	24.1	12.6	392	2.75	29.3	0.9	3.8	8.0	49	0.4	1.3	0.5	37	0.77	0.058
REP 1095318	QC	0.3	23.6	22.5	56	0.2	22.4	12.7	404	2.78	28.9	0.9	8.6	7.8	50	0.5	1.3	0.5	38	0.75	0.060
1071314	Soil	0.5	25.6	19.7	66	0.2	17.9	6.3	282	2.00	10.8	1.1	18.7	2.5	43	0.2	1.0	11.4	31	0.38	0.084
REP 1071314	QC	0.6	25.7	19.9	65	0.2	18.3	6.7	282	2.00	11.2	1.1	23.4	2.6	45	0.3	0.9	11.5	32	0.38	0.090
1147904	Soil	0.9	39.1	12.7	68	0.3	24.3	9.9	293	2.46	317.2	1.9	6.5	4.5	46	0.3	5.7	2.3	40	0.86	0.067
REP 1147904	QC	0.9	38.4	13.2	69	0.3	24.5	9.5	293	2.46	317.3	1.9	11.2	4.6	47	0.2	5.9	2.4	40	0.86	0.069
1147928	Soil	0.7	27.6	31.7	57	0.2	22.8	9.4	305	2.06	47.5	1.1	9.0	3.0	43	0.3	1.7	0.9	40	0.87	0.072
REP 1147928	QC	0.8	27.8	31.7	59	0.2	23.2	9.5	310	2.09	48.6	1.1	5.4	3.0	44	0.4	1.8	0.9	40	0.86	0.070
1076112	Soil	0.5	30.9	14.7	72	0.2	24.2	8.5	104	2.54	90.8	1.4	2.3	9.2	29	0.4	5.8	1.7	45	0.49	0.082
REP 1076112	QC	0.5	29.5	14.8	70	0.1	23.5	8.2	104	2.49	87.8	1.4	3.4	9.0	28	0.3	5.6	1.6	44	0.48	0.077
1076120	Soil	1.1	84.7	12.3	76	0.1	44.2	16.2	352	3.65	762.2	2.4	13.0	5.5	33	0.5	69.2	5.0	62	0.26	0.082
REP 1076120	QC	1.1	82.1	11.8	73	0.1	43.6	15.6	350	3.55	728.6	2.3	14.2	5.4	32	0.3	69.6	4.9	62	0.26	0.084
1071259	Soil	1.2	33.3	13.2	69	0.2	20.5	8.6	305	2.45	143.6	5.5	12.0	2.2	19	0.1	1.2	3.5	42	0.29	0.085
REP 1071259	QC	1.0	32.5	13.5	69	0.2	20.7	8.6	299	2.46	138.9	5.4	12.9	2.2	20	0.1	2.0	3.5	42	0.28	0.084
1079510	Soil	1.2	23.6	12.0	79	0.2	19.4	8.1	438	2.30	35.4	1.7	7.9	4.3	26	0.4	1.5	1.7	44	0.30	0.082
REP 1079510	QC	1.2	24.5	11.9	79	0.2	21.8	8.3	449	2.35	36.7	1.8	24.5	4.4	27	0.5	1.5	1.7	46	0.32	0.083
1047499	Soil	0.8	84.0	13.5	63	0.1	23.6	12.1	351	3.15	249.1	2.9	22.7	7.0	26	0.2	14.8	5.8	48	0.13	0.066
REP 1047499	QC	0.8	84.4	13.3	64	0.1	23.0	12.3	353	3.16	244.2	2.9	28.8	6.8	26	0.3	14.6	5.6	47	0.14	0.068

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Project: MAH
Report Date: August 29, 2011

QUALITY CONTROL REPORT DAW11000177.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1079961	Soil	17	26	0.45	181	0.034	2	1.65	0.023	0.03	0.7	0.05	2.7	<0.1	0.05	5	<0.5	<0.2
REP 1079961	QC	18	27	0.46	190	0.034	3	1.68	0.023	0.03	0.6	0.06	2.8	<0.1	<0.05	4	<0.5	<0.2
1149534	Soil	15	44	0.68	220	0.060	5	1.66	0.046	0.11	0.8	0.05	2.9	0.2	0.08	5	0.8	<0.2
REP 1149534	QC	15	42	0.67	220	0.060	4	1.64	0.047	0.11	0.7	0.06	2.9	0.2	0.07	5	1.0	<0.2
1047487	Soil	18	19	0.36	109	0.024	22	2.14	0.088	0.07	0.6	0.05	1.0	<0.1	0.14	5	<0.5	0.3
REP 1047487	QC	18	17	0.37	114	0.023	20	2.11	0.085	0.07	0.6	0.06	0.9	0.1	0.13	5	0.6	0.5
1149545	Soil	31	27	0.47	268	0.043	3	1.83	0.084	0.06	0.3	0.08	2.3	0.2	0.12	6	<0.5	<0.2
REP 1149545	QC	30	26	0.45	271	0.039	3	1.81	0.079	0.06	0.3	0.07	2.2	0.2	0.12	6	<0.5	<0.2
1149546	Soil	20	28	0.70	268	0.057	4	2.05	0.118	0.09	0.2	0.06	2.5	0.2	0.12	6	<0.5	<0.2
REP 1149546	QC	20	28	0.69	265	0.059	3	1.98	0.116	0.09	0.3	0.04	2.5	0.2	0.11	6	<0.5	<0.2
1095318	Soil	18	24	0.45	246	0.048	5	1.55	0.047	0.05	0.4	0.05	3.1	0.1	<0.05	4	<0.5	<0.2
REP 1095318	QC	18	25	0.45	247	0.048	4	1.55	0.047	0.05	0.3	0.05	3.2	<0.1	<0.05	4	<0.5	<0.2
1071314	Soil	17	23	0.45	184	0.029	3	1.98	0.020	0.04	0.3	0.03	2.0	0.1	<0.05	5	<0.5	0.3
REP 1071314	QC	17	23	0.44	185	0.025	2	1.96	0.019	0.04	0.4	0.03	1.9	0.1	<0.05	6	0.6	0.4
1147904	Soil	25	27	0.49	254	0.040	2	1.96	0.021	0.08	0.4	0.06	3.5	0.2	<0.05	6	<0.5	<0.2
REP 1147904	QC	25	27	0.50	255	0.041	3	2.01	0.022	0.08	0.4	0.06	3.5	0.2	<0.05	6	<0.5	<0.2
1147928	Soil	18	25	0.45	283	0.035	3	1.75	0.027	0.05	0.4	0.04	2.6	0.2	<0.05	5	<0.5	<0.2
REP 1147928	QC	18	25	0.46	284	0.035	5	1.74	0.027	0.05	0.4	0.05	2.6	0.1	<0.05	6	0.7	<0.2
1076112	Soil	26	33	0.50	230	0.037	1	2.00	0.016	0.09	0.3	0.17	4.8	0.2	<0.05	6	0.6	<0.2
REP 1076112	QC	25	32	0.49	222	0.037	2	1.97	0.015	0.08	0.3	0.18	4.8	0.2	<0.05	6	<0.5	<0.2
1076120	Soil	18	70	0.86	761	0.077	<1	2.47	0.009	0.15	0.6	0.03	3.2	0.5	<0.05	8	0.6	<0.2
REP 1076120	QC	19	69	0.83	737	0.077	<1	2.46	0.010	0.14	0.5	0.03	3.2	0.4	<0.05	8	<0.5	<0.2
1071259	Soil	25	27	0.47	218	0.033	2	1.76	0.010	0.04	0.7	0.05	2.3	0.2	<0.05	6	<0.5	<0.2
REP 1071259	QC	24	27	0.46	212	0.032	3	1.83	0.010	0.04	0.8	0.04	2.2	0.2	<0.05	5	<0.5	<0.2
1079510	Soil	22	23	0.40	243	0.044	3	1.64	0.012	0.05	0.7	0.05	2.1	0.1	<0.05	5	<0.5	<0.2
REP 1079510	QC	23	23	0.40	249	0.047	3	1.69	0.013	0.05	0.6	0.05	2.3	0.1	<0.05	5	<0.5	<0.2
1047499	Soil	21	39	0.69	132	0.069	<1	2.28	0.008	0.25	4.4	0.02	3.2	0.4	<0.05	8	<0.5	0.2
REP 1047499	QC	21	38	0.68	131	0.072	1	2.33	0.008	0.25	4.2	0.03	3.2	0.4	<0.05	7	0.8	0.2

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Project: MAH
Report Date: August 29, 2011

QUALITY CONTROL REPORT DAW11000177.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1071224	Soil	1.1	202.6	23.3	98	4.2	38.8	15.9	578	4.33	2158	1.9	193.4	3.5	56	0.8	355.7	18.4	55	0.62	0.117
REP 1071224	QC	1.4	198.0	22.2	97	4.0	38.2	15.5	577	4.30	2176	1.8	193.0	3.4	57	0.8	353.2	17.8	55	0.61	0.115
1071061	Soil	0.9	25.7	36.5	83	0.3	23.8	9.7	363	2.33	12.2	1.0	3.4	2.4	39	0.6	2.4	0.3	54	0.68	0.065
REP 1071061	QC	1.0	25.2	36.5	86	0.3	23.8	9.2	351	2.30	12.0	1.0	3.2	2.3	39	0.4	2.3	0.3	54	0.70	0.067
1148852	Soil	1.1	41.6	19.3	98	0.3	25.6	8.9	329	2.23	32.0	1.6	3.4	6.6	76	0.5	2.7	0.6	53	0.62	0.097
REP 1148852	QC	1.1	42.8	18.6	103	0.3	26.2	8.8	334	2.26	31.7	1.5	3.8	6.3	73	0.4	2.9	0.6	52	0.62	0.093
1149512	Soil	0.8	32.3	11.4	66	0.2	22.9	10.4	335	2.60	279.9	1.6	6.0	5.2	35	0.3	3.6	2.0	43	0.28	0.082
REP 1149512	QC	0.8	32.3	11.8	65	0.2	23.0	10.4	339	2.52	273.1	1.7	23.3	5.1	36	0.3	3.7	2.1	43	0.30	0.080
Reference Materials																					
STD DS8	Standard	12.9	105.7	121.7	299	1.7	36.0	7.2	601	2.41	24.6	2.9	102.6	7.1	69	2.3	6.2	6.3	40	0.67	0.078
STD DS8	Standard	14.1	114.7	127.0	318	1.9	39.2	7.7	620	2.51	25.4	2.9	114.3	7.3	74	2.2	6.2	7.1	44	0.70	0.082
STD DS8	Standard	13.3	107.8	124.0	301	1.8	37.9	7.5	593	2.34	25.3	2.9	109.1	7.0	64	2.4	5.7	6.9	42	0.68	0.083
STD DS8	Standard	11.8	97.6	119.4	286	1.7	33.0	6.6	541	2.20	22.8	2.6	116.1	6.5	62	2.3	5.8	6.5	38	0.61	0.067
STD DS8	Standard	12.2	101.3	124.6	311	1.8	35.0	7.0	596	2.31	23.2	2.9	134.1	7.6	76	2.1	6.0	7.3	39	0.68	0.077
STD DS8	Standard	13.4	114.9	127.5	325	2.0	39.3	7.8	644	2.65	26.6	2.7	119.3	6.6	66	2.6	5.8	6.8	43	0.72	0.086
STD DS8	Standard	12.9	106.0	130.2	307	2.0	35.2	7.0	584	2.30	24.0	2.9	112.8	7.6	72	2.4	6.0	7.4	39	0.69	0.080
STD DS8	Standard	12.1	102.4	122.4	307	1.7	35.9	7.1	609	2.37	23.7	2.8	110.3	7.1	69	2.4	5.8	7.0	39	0.68	0.080
STD DS8	Standard	13.7	117.9	127.7	325	1.8	39.6	8.0	632	2.56	26.2	2.8	119.7	6.9	69	2.4	5.5	7.1	45	0.75	0.084
STD DS8	Standard	12.4	112.8	117.2	283	1.6	38.3	7.6	546	2.23	23.1	2.9	97.9	6.5	54	2.1	4.9	6.1	46	0.63	0.070
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

QUALITY CONTROL REPORT DAW11000177.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1071224	Soil	19	41	0.83	276	0.053	5	2.44	0.027	0.13	0.3	0.12	4.8	0.5	0.15	8	1.8	<0.2
REP 1071224	QC	18	40	0.82	260	0.052	5	2.39	0.026	0.13	0.3	0.12	4.7	0.5	0.14	8	1.5	<0.2
1071061	Soil	16	28	0.59	344	0.049	2	1.92	0.017	0.07	0.2	0.01	3.2	0.2	<0.05	6	0.6	<0.2
REP 1071061	QC	16	28	0.58	346	0.049	3	1.90	0.017	0.07	0.2	0.01	3.1	0.2	<0.05	6	0.6	<0.2
1148852	Soil	20	33	0.70	297	0.058	1	1.79	0.032	0.13	0.2	0.03	4.0	0.2	<0.05	6	0.6	<0.2
REP 1148852	QC	20	32	0.66	293	0.059	<1	1.71	0.031	0.13	0.2	0.03	3.7	0.2	<0.05	5	0.6	<0.2
1149512	Soil	22	25	0.46	196	0.053	2	2.10	0.013	0.07	1.2	0.05	2.3	0.2	<0.05	6	0.6	<0.2
REP 1149512	QC	22	25	0.45	199	0.056	3	2.07	0.014	0.07	1.1	0.06	2.3	0.2	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	110	0.62	289	0.112	4	0.89	0.091	0.40	3.1	0.19	1.9	5.3	0.11	5	4.5	5.2
STD DS8	Standard	16	121	0.62	293	0.126	2	0.97	0.091	0.44	3.2	0.21	2.2	5.5	0.15	5	4.8	5.0
STD DS8	Standard	15	110	0.59	284	0.113	2	0.93	0.096	0.42	3.1	0.18	2.2	5.4	0.17	5	5.4	5.0
STD DS8	Standard	13	103	0.52	246	0.108	2	0.76	0.075	0.36	2.6	0.15	1.8	4.9	0.14	4	5.4	4.5
STD DS8	Standard	17	109	0.61	283	0.120	3	0.90	0.097	0.43	2.9	0.20	2.4	5.4	0.15	5	4.7	4.4
STD DS8	Standard	15	122	0.63	295	0.108	2	0.96	0.098	0.46	3.2	0.20	2.1	5.8	0.16	5	5.6	5.5
STD DS8	Standard	16	113	0.61	285	0.127	2	0.92	0.091	0.43	3.1	0.20	2.1	5.7	0.18	5	4.1	5.3
STD DS8	Standard	16	110	0.58	278	0.121	4	0.90	0.085	0.41	3.0	0.20	2.0	5.3	0.16	4	4.6	4.8
STD DS8	Standard	13	124	0.64	274	0.128	3	0.95	0.095	0.43	3.1	0.21	2.3	5.8	0.18	5	5.8	5.2
STD DS8	Standard	12	118	0.54	243	0.109	3	0.83	0.072	0.35	2.8	0.20	1.8	5.1	0.26	4	4.3	4.4
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

QUALITY CONTROL REPORT DAW11000177.1

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

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QUALITY CONTROL REPORT DAW11000177.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 10, 2011
Report Date: August 29, 2011
Page: 1 of 13

CERTIFICATE OF ANALYSIS DAW11000178.1

CLIENT JOB INFORMATION

Project: MAH
Shipment ID: MAH2011-03
P.O. Number
Number of Samples: 337

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	337	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	337	Dry at 60C			WHI
1DX2	336	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000178.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1145946	Soil	0.6	30.1	12.8	70	0.3	24.6	11.7	386	2.43	57.8	2.1	18.5	5.1	130	0.4	1.2	0.4	46	1.94	0.056
1145935	Soil	0.8	47.6	21.8	69	0.5	22.9	10.1	481	2.10	647.0	2.1	11.5	3.6	96	0.6	2.2	10.0	37	1.54	0.092
1145938	Soil	2.4	52.5	23.7	85	0.7	25.2	7.9	222	2.41	99.4	2.7	10.2	1.9	46	0.3	4.0	0.6	74	0.31	0.084
1145937	Soil	2.0	54.9	16.2	105	0.3	33.1	13.7	287	2.53	92.6	2.3	15.5	3.7	76	0.5	3.6	0.8	70	0.94	0.071
1149520	Soil	0.9	18.2	9.3	54	<0.1	14.2	5.9	228	2.02	172.1	1.1	15.1	2.3	13	0.1	26.9	1.4	37	0.18	0.055
1149522	Soil	1.1	16.6	11.3	54	<0.1	13.7	5.1	216	2.21	62.7	1.3	9.5	1.0	17	0.2	9.8	2.0	40	0.19	0.056
1149519	Soil	1.1	19.9	12.2	84	0.1	20.4	8.3	346	2.37	58.6	2.1	11.7	0.7	20	0.3	3.6	2.5	47	0.30	0.073
1149523	Soil	0.8	20.0	14.2	61	<0.1	16.8	7.7	336	2.16	40.1	1.3	9.1	3.9	28	0.2	3.5	1.4	40	0.33	0.070
1145944	Soil	1.6	26.6	29.6	91	0.6	21.0	11.3	477	2.35	127.4	3.2	10.4	1.9	83	0.9	2.7	1.0	48	1.12	0.096
1149524	Soil	1.1	13.8	18.2	66	0.1	14.2	7.5	626	2.24	89.6	1.3	6.8	0.4	25	0.4	1.7	1.2	44	0.52	0.087
1149521	Soil	1.2	26.2	11.1	52	0.1	14.2	5.8	228	2.05	208.6	1.9	15.5	1.4	15	0.2	32.3	2.7	42	0.15	0.057
1145941	Soil	0.9	21.8	16.1	141	0.5	24.7	9.8	419	2.30	40.8	0.7	3.8	3.0	73	1.6	1.5	0.8	43	1.15	0.058
1145939	Soil	1.7	58.7	27.3	93	0.6	30.2	11.6	373	2.62	66.5	5.3	22.3	4.8	79	0.4	2.9	1.1	66	0.91	0.104
1145933	Soil	0.7	21.5	11.6	59	0.2	25.2	9.7	347	2.22	12.1	0.5	1.4	3.0	63	0.3	1.1	0.2	41	1.11	0.050
1145942	Soil	2.3	54.8	26.1	87	0.6	26.4	12.7	366	2.82	143.1	6.8	8.0	5.1	62	0.2	3.1	1.2	67	0.63	0.078
1145943	Soil	0.7	22.6	26.5	74	0.4	21.6	10.8	493	2.58	111.7	6.6	4.0	5.7	134	0.3	2.0	1.0	49	1.79	0.072
1145934	Soil	0.7	57.9	15.3	69	0.3	25.2	11.7	375	2.44	124.6	0.8	11.5	6.0	86	0.4	1.5	1.1	45	1.12	0.056
1145936	Soil	0.5	28.4	15.2	58	0.2	20.0	8.6	447	1.87	114.8	1.0	4.1	4.5	91	0.5	1.7	1.4	35	1.56	0.090
1145945	Soil	0.4	21.4	14.3	74	0.2	26.1	12.7	375	3.36	177.2	1.2	12.0	8.8	217	0.3	1.1	0.8	55	3.91	0.086
1145947	Soil	1.2	53.9	18.3	99	0.5	27.8	12.3	368	2.41	42.0	3.1	5.0	2.6	78	0.7	1.8	0.4	67	1.19	0.085
1145940	Soil	0.7	45.7	15.9	76	0.2	26.8	13.5	501	2.91	25.5	0.8	13.5	6.4	68	0.2	1.6	1.3	67	1.03	0.070
1145950	Soil	1.4	33.8	24.0	130	0.2	29.0	13.0	285	3.28	15.8	2.5	4.6	9.3	35	0.7	5.4	0.7	60	0.58	0.042
1145948	Soil	0.8	46.1	11.6	86	0.3	29.1	12.7	523	2.43	16.8	2.5	3.1	4.1	149	0.7	1.5	0.3	52	1.59	0.074
1145949	Soil	0.5	39.4	11.0	80	0.2	30.1	10.3	478	2.61	13.1	2.1	5.8	5.3	134	0.5	1.4	0.3	52	1.80	0.099
1096018	Soil	1.0	28.0	12.4	90	0.1	19.2	7.9	267	2.65	55.5	1.6	19.8	2.3	20	0.1	6.8	4.9	43	0.56	0.058
1096016	Soil	1.6	71.3	17.9	89	0.4	25.1	11.2	617	2.77	164.0	5.5	59.0	5.3	25	0.7	4.5	7.7	54	0.23	0.103
1096026	Soil	1.1	26.3	14.8	83	0.1	23.3	10.4	522	2.65	38.7	3.2	8.2	6.9	33	0.5	1.2	0.9	49	0.34	0.084
1096020	Soil	0.8	18.8	14.7	54	<0.1	18.3	7.4	310	2.20	39.7	1.3	3.2	2.0	31	0.3	0.8	0.6	41	0.50	0.075
1096027	Soil	0.6	42.9	18.5	75	0.2	22.0	8.1	235	2.18	28.6	1.8	3.7	6.1	29	0.7	1.2	2.3	42	0.36	0.085
1096030	Soil	0.7	17.1	83.8	65	0.2	24.2	10.1	415	2.20	11.8	0.7	14.9	3.6	42	0.9	1.0	0.2	38	0.78	0.046

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000178.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1145946	Soil		20	39	1.17	266	0.108	3	3.09	0.217	0.32	0.2	0.04	4.4	0.3	0.08	9	0.7	<0.2
1145935	Soil		18	35	0.53	207	0.049	3	2.00	0.090	0.07	0.4	0.05	2.9	0.2	0.07	6	1.2	<0.2
1145938	Soil		14	33	0.75	229	0.066	2	1.98	0.016	0.19	0.4	0.08	2.4	0.3	0.07	7	0.9	<0.2
1145937	Soil		15	34	0.95	226	0.075	3	2.12	0.046	0.17	0.7	0.05	2.9	0.4	0.10	7	1.1	<0.2
1149520	Soil		14	21	0.35	86	0.039	2	1.05	0.005	0.05	0.4	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
1149522	Soil		14	24	0.37	105	0.038	2	1.14	0.007	0.05	0.5	0.02	1.3	0.2	<0.05	6	<0.5	<0.2
1149519	Soil		17	29	0.44	194	0.027	1	1.76	0.009	0.04	0.5	0.04	1.6	0.2	<0.05	6	<0.5	<0.2
1149523	Soil		17	24	0.41	184	0.048	2	1.45	0.013	0.05	0.6	0.04	2.1	0.1	<0.05	5	<0.5	<0.2
1145944	Soil		24	33	0.59	209	0.055	3	2.30	0.087	0.12	0.4	0.09	2.4	0.4	0.11	7	0.6	<0.2
1149524	Soil		14	26	0.39	198	0.019	2	1.37	0.008	0.04	0.3	0.03	0.9	0.2	0.06	7	<0.5	<0.2
1149521	Soil		15	23	0.35	105	0.040	2	1.13	0.007	0.05	0.8	0.04	1.4	0.2	<0.05	5	<0.5	<0.2
1145941	Soil		17	30	0.59	254	0.052	3	2.39	0.074	0.07	0.3	0.06	2.9	0.2	<0.05	6	0.6	<0.2
1145939	Soil		22	37	0.74	252	0.074	3	2.14	0.065	0.18	1.1	0.07	3.4	0.3	<0.05	7	0.6	<0.2
1145933	Soil		16	29	0.51	209	0.052	2	2.18	0.066	0.08	0.3	0.05	2.8	0.1	<0.05	6	<0.5	<0.2
1145942	Soil		40	31	0.68	281	0.071	3	1.80	0.018	0.10	0.6	0.08	3.3	0.3	0.07	6	1.2	<0.2
1145943	Soil		39	43	1.03	265	0.096	4	2.70	0.160	0.16	0.2	0.06	4.6	0.2	0.07	9	0.6	<0.2
1145934	Soil		20	36	0.59	229	0.065	3	2.01	0.099	0.07	0.9	0.05	3.2	0.2	<0.05	6	0.8	<0.2
1145936	Soil		16	31	0.50	186	0.057	3	1.93	0.112	0.07	0.5	0.04	2.8	0.1	0.08	6	0.7	<0.2
1145945	Soil		22	51	1.49	457	0.166	2	4.18	0.283	0.55	0.5	0.02	6.4	0.3	<0.05	11	<0.5	<0.2
1145947	Soil		18	36	0.92	248	0.074	3	2.70	0.076	0.17	0.2	0.06	3.1	0.3	0.09	7	1.2	<0.2
1145940	Soil		18	86	0.98	309	0.112	3	2.20	0.057	0.20	0.5	0.04	5.9	0.4	<0.05	7	0.6	<0.2
1145950	Soil		21	46	1.39	214	0.072	2	2.40	0.020	0.34	0.1	0.03	4.6	0.5	<0.05	7	<0.5	<0.2
1145948	Soil		19	42	1.13	277	0.098	3	3.20	0.175	0.27	0.2	0.03	4.1	0.3	0.06	8	<0.5	<0.2
1145949	Soil		21	45	1.39	391	0.114	3	3.29	0.166	0.27	0.1	0.04	5.0	0.2	0.06	9	0.6	<0.2
1096018	Soil		19	30	0.48	194	0.041	7	1.82	0.006	0.05	0.7	0.02	2.2	0.1	<0.05	6	<0.5	<0.2
1096016	Soil		34	31	0.47	281	0.049	2	1.77	0.012	0.07	0.8	0.07	3.3	0.1	<0.05	6	0.7	0.2
1096026	Soil		30	27	0.48	311	0.071	2	1.50	0.012	0.06	1.1	0.04	3.1	0.2	<0.05	5	<0.5	<0.2
1096020	Soil		16	23	0.43	212	0.033	2	2.03	0.013	0.04	0.8	0.04	1.9	0.1	<0.05	6	<0.5	<0.2
1096027	Soil		23	25	0.50	207	0.051	3	1.58	0.015	0.06	0.5	0.03	2.9	0.1	<0.05	4	<0.5	<0.2
1096030	Soil		13	24	0.46	227	0.041	3	1.85	0.027	0.05	0.2	0.04	2.8	0.1	<0.05	4	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000178.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096025	Soil	0.6	24.2	32.0	88	0.3	21.6	8.8	406	2.15	21.3	1.1	4.0	6.9	57	1.3	1.3	2.0	41	0.83	0.085
1096022	Soil	0.8	62.7	27.0	85	0.7	21.5	8.6	414	2.29	88.7	1.5	26.1	4.8	73	1.1	1.7	20.7	39	0.98	0.088
1096029	Soil	0.8	20.8	96.3	84	0.5	22.4	9.0	330	2.17	15.0	0.8	8.1	3.6	59	1.2	1.3	0.3	39	1.11	0.053
1096028	Soil	0.5	24.9	66.6	74	0.4	26.6	10.5	308	2.27	13.9	1.0	2.7	5.4	33	0.6	1.8	0.4	47	0.59	0.079
1096024	Soil	0.5	31.8	27.7	78	0.3	19.3	7.3	324	2.06	15.4	2.1	6.3	8.0	86	0.6	1.1	1.7	38	1.25	0.089
1096021	Soil	1.1	28.9	18.4	65	0.2	18.6	8.3	457	2.34	83.7	2.1	4.0	0.9	37	0.3	1.6	0.9	45	0.83	0.087
1096019	Soil	0.7	18.8	13.8	55	<0.1	17.3	7.1	270	1.95	23.6	0.9	1.7	1.9	25	0.2	0.7	1.3	38	0.35	0.064
1096023	Soil	0.6	33.0	28.1	73	0.3	19.7	7.3	312	1.90	14.5	1.9	6.3	6.3	79	0.6	0.9	1.6	37	1.16	0.077
1096017	Soil	1.6	49.2	11.1	75	0.1	26.4	11.5	405	2.66	42.5	2.4	27.7	6.9	25	0.4	6.6	1.4	54	0.32	0.080
1096011	Soil	1.4	32.3	12.6	58	0.1	20.7	7.5	259	2.23	44.5	2.3	15.0	2.2	23	0.1	1.4	2.4	48	0.24	0.074
1096014	Soil	1.5	35.4	10.7	72	0.1	24.9	10.2	388	2.35	39.8	2.4	13.7	5.4	27	0.4	1.5	1.7	50	0.34	0.092
1096005	Soil	1.5	493.0	86.3	115	5.7	24.9	15.2	853	5.17	4154	4.8	104.0	5.8	62	2.7	392.6	44.2	41	0.98	0.115
1096003	Soil	1.7	284.3	50.8	100	2.1	24.2	15.6	658	4.52	2354	8.9	90.9	12.3	39	1.6	96.9	24.1	58	0.40	0.095
1096008	Soil	1.5	37.4	13.1	70	0.2	22.9	12.0	520	2.69	160.1	7.0	9.9	1.6	17	0.2	1.6	2.8	48	0.24	0.088
1096009	Soil	1.4	23.6	10.8	56	<0.1	17.0	8.8	353	2.34	69.5	2.7	2.9	1.1	12	0.1	1.0	1.0	45	0.19	0.061
1096006	Soil	1.0	48.8	10.3	66	0.2	26.1	11.4	334	2.45	195.8	2.4	8.3	7.5	22	0.3	10.3	1.9	43	0.29	0.086
1096007	Soil	1.0	42.4	14.1	71	0.2	25.4	13.4	490	2.91	103.1	2.4	7.4	4.0	19	0.2	1.9	1.7	49	0.28	0.085
1096002	Soil	3.3	188.4	34.8	90	0.8	22.2	16.0	677	4.09	1443	12.4	57.1	22.7	34	0.8	233.3	12.4	47	0.44	0.110
1096013	Soil	2.2	61.6	17.6	77	0.2	27.9	12.1	522	2.65	66.5	4.2	14.4	2.5	25	0.3	1.4	3.7	61	0.27	0.102
1096012	Soil	0.8	25.9	10.8	61	0.1	24.2	9.4	319	2.05	28.7	1.1	9.4	5.1	27	0.3	1.3	1.1	40	0.38	0.072
1096010	Soil	2.4	47.8	17.3	71	<0.1	26.1	10.9	472	3.06	115.2	4.7	7.1	1.8	16	0.2	1.6	1.8	67	0.17	0.073
1096015	Soil	1.5	45.5	12.1	52	0.2	19.2	8.4	224	2.44	102.9	2.7	19.1	1.8	12	0.2	1.9	3.6	51	0.12	0.055
1096004	Soil	0.9	326.6	34.0	74	2.0	17.9	12.7	444	3.76	2740	2.9	81.2	6.4	36	1.3	220.3	29.7	35	0.47	0.053
1096001	Soil	1.9	99.9	44.9	61	0.4	13.0	11.5	501	4.32	1514	10.6	43.6	16.0	34	0.3	153.5	17.2	19	0.36	0.091
1145738	Soil	0.5	16.2	10.6	58	<0.1	21.1	9.3	269	2.36	35.3	1.0	3.9	4.4	49	0.1	1.4	0.3	48	0.59	0.069
1145737	Soil	0.8	20.9	10.2	65	<0.1	25.8	11.5	470	2.59	12.0	0.7	1.7	7.7	149	0.2	0.8	0.2	55	2.89	0.093
1145739	Soil	0.5	19.1	10.7	64	0.1	19.3	8.9	286	2.03	121.1	2.3	1.2	2.4	87	0.3	4.9	0.5	46	1.18	0.074
1145740	Soil	3.0	44.3	11.3	67	<0.1	21.5	6.3	172	2.42	17.9	1.2	3.6	0.6	15	0.2	1.9	0.4	82	0.15	0.066
1145741	Soil	2.9	74.6	10.6	91	<0.1	30.3	8.4	218	2.28	36.8	2.4	7.8	1.5	27	0.4	2.5	0.7	90	0.28	0.104
1145742	Soil	1.6	49.6	12.6	79	0.1	29.0	11.4	276	2.42	15.9	1.0	3.8	3.5	22	0.4	1.6	0.3	58	0.22	0.065

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096025	Soil		24	26	0.46	233	0.060	4	1.46	0.055	0.05	0.7	0.03	2.7	<0.1	<0.05	4	<0.5	<0.2
1096022	Soil		22	27	0.49	292	0.045	6	1.83	0.047	0.05	0.7	0.04	2.8	0.1	<0.05	5	<0.5	0.4
1096029	Soil		18	25	0.46	215	0.051	6	1.68	0.035	0.06	0.4	0.05	2.9	0.1	<0.05	5	<0.5	<0.2
1096028	Soil		18	32	0.53	288	0.051	3	1.96	0.021	0.06	0.4	0.06	3.8	0.2	<0.05	6	<0.5	<0.2
1096024	Soil		29	30	0.65	238	0.057	5	2.08	0.049	0.06	0.5	0.05	3.5	0.1	<0.05	6	<0.5	<0.2
1096021	Soil		16	27	0.45	220	0.026	4	2.11	0.017	0.05	1.0	0.03	1.5	0.2	<0.05	7	<0.5	<0.2
1096019	Soil		14	22	0.37	174	0.022	2	1.81	0.008	0.03	0.3	0.03	1.4	<0.1	0.08	5	<0.5	<0.2
1096023	Soil		25	28	0.61	197	0.042	4	1.94	0.044	0.05	0.5	0.05	2.8	0.1	0.11	5	<0.5	<0.2
1096017	Soil		26	33	0.57	226	0.077	2	1.71	0.009	0.11	1.2	0.06	4.1	0.3	<0.05	5	<0.5	<0.2
1096011	Soil		18	26	0.38	188	0.028	2	1.67	0.008	0.04	0.8	0.05	1.7	0.1	0.06	5	<0.5	<0.2
1096014	Soil		22	27	0.40	231	0.047	2	1.41	0.009	0.05	0.8	0.05	2.3	0.1	<0.05	4	<0.5	<0.2
1096005	Soil		34	38	0.57	217	0.021	5	1.67	0.028	0.08	0.9	0.06	5.3	0.3	0.12	5	1.9	<0.2
1096003	Soil		43	54	0.62	209	0.047	2	1.53	0.008	0.10	2.3	0.06	7.8	0.3	<0.05	6	<0.5	<0.2
1096008	Soil		23	28	0.44	202	0.026	2	1.76	0.007	0.04	0.5	0.05	2.2	0.1	<0.05	5	<0.5	<0.2
1096009	Soil		15	25	0.42	152	0.023	1	1.50	0.005	0.03	0.4	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1096006	Soil		22	28	0.51	178	0.066	2	1.49	0.010	0.11	1.1	0.02	2.9	0.2	<0.05	4	<0.5	<0.2
1096007	Soil		25	29	0.50	176	0.042	1	1.91	0.010	0.05	0.7	0.04	3.1	0.1	<0.05	6	<0.5	<0.2
1096002	Soil		59	35	0.50	181	0.051	2	1.19	0.006	0.12	1.8	0.03	7.8	0.4	<0.05	4	<0.5	<0.2
1096013	Soil		28	31	0.47	286	0.032	2	2.11	0.011	0.05	0.7	0.08	2.6	0.2	<0.05	6	0.6	<0.2
1096012	Soil		16	24	0.42	217	0.049	2	1.56	0.016	0.06	1.0	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1096010	Soil		20	34	0.48	203	0.027	1	2.28	0.006	0.05	0.5	0.05	2.1	0.2	<0.05	7	<0.5	<0.2
1096015	Soil		19	26	0.35	188	0.026	1	1.71	0.005	0.04	0.5	0.05	1.9	0.1	<0.05	5	<0.5	<0.2
1096004	Soil		26	29	0.46	147	0.029	4	1.15	0.011	0.06	4.4	0.02	3.4	0.2	<0.05	4	1.1	<0.2
1096001	Soil		59	15	0.13	88	0.003	2	0.65	0.002	0.09	1.2	0.03	6.5	0.5	<0.05	2	<0.5	<0.2
1145738	Soil		16	36	0.76	191	0.067	2	2.09	0.036	0.10	0.3	0.04	3.5	0.1	<0.05	7	<0.5	<0.2
1145737	Soil		16	41	1.21	245	0.120	2	2.97	0.242	0.46	0.2	<0.01	5.4	0.3	0.08	9	<0.5	<0.2
1145739	Soil		17	31	0.58	213	0.042	3	1.93	0.056	0.06	0.3	0.03	2.4	<0.1	0.11	6	<0.5	<0.2
1145740	Soil		13	32	0.42	152	0.029	2	1.77	0.006	0.05	0.1	0.04	1.4	0.4	<0.05	6	0.6	<0.2
1145741	Soil		13	35	0.57	304	0.033	<1	1.74	0.007	0.06	0.2	0.02	2.3	0.2	<0.05	5	0.7	<0.2
1145742	Soil		14	30	0.45	216	0.038	1	1.80	0.007	0.06	0.2	0.03	2.5	0.1	<0.05	5	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000178.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1145743	Soil	0.9	33.6	12.7	66	<0.1	28.6	11.4	276	2.68	20.7	0.8	4.2	4.6	47	0.2	1.4	0.3	58	0.40	0.071
1145744	Soil	0.8	24.4	10.9	64	0.1	24.8	9.6	315	2.32	17.3	1.0	1.6	3.8	44	0.3	1.1	0.2	50	0.49	0.071
1145745	Soil	0.9	24.1	10.5	56	0.1	22.0	9.0	276	2.09	18.5	0.9	2.3	4.0	33	0.1	1.3	0.3	43	0.35	0.073
1145746	Soil	0.9	25.0	10.9	70	0.1	22.5	8.4	264	2.12	26.5	0.8	2.1	2.3	35	0.2	2.1	0.4	49	0.39	0.088
1145748	Soil	0.9	32.0	8.6	57	<0.1	20.5	8.4	287	2.00	107.0	1.2	7.6	3.7	19	0.2	7.9	1.1	40	0.26	0.069
1145747	Soil	0.9	27.0	9.8	56	<0.1	21.9	8.3	244	2.09	76.0	0.9	3.4	2.6	23	0.2	3.6	1.0	44	0.29	0.074
1145749	Soil	1.0	34.6	15.1	90	0.2	19.8	10.8	388	2.29	248.7	1.7	8.0	2.9	40	0.3	18.6	2.8	45	0.78	0.086
1079492	Soil	0.6	24.8	14.8	57	0.2	22.3	9.4	289	2.00	41.1	0.8	7.0	4.6	65	0.5	1.2	0.7	44	1.00	0.060
1079493	Soil	0.5	27.8	15.3	49	0.2	20.4	9.2	334	1.85	36.1	1.2	7.4	3.1	76	0.4	1.1	0.6	41	1.66	0.067
1079496	Soil	0.6	41.8	20.1	70	0.2	22.1	10.4	470	2.10	53.6	1.1	4.4	3.1	88	0.5	2.9	0.5	48	1.76	0.076
1079497	Soil	0.6	31.4	12.3	64	0.2	21.7	9.9	334	2.10	30.1	1.2	6.8	4.4	66	0.6	1.2	0.7	48	1.19	0.096
1079495	Soil	0.7	34.1	21.0	66	0.2	21.7	10.2	408	2.02	91.2	1.5	12.5	2.9	100	0.6	3.0	1.0	44	1.93	0.093
1079494	Soil	0.4	26.3	14.9	66	0.2	25.4	10.9	273	2.50	38.0	1.2	21.5	5.1	89	0.4	1.2	0.6	51	1.62	0.050
1145732	Soil	0.6	16.8	16.8	63	0.2	18.5	7.0	244	2.29	100.3	1.4	8.4	7.6	105	0.3	7.6	1.0	35	1.22	0.089
1079500	Soil	1.2	14.2	20.0	66	0.2	16.0	8.3	304	2.33	290.4	3.3	3.9	4.2	47	0.4	2.3	1.8	39	0.46	0.071
1079499	Soil	0.5	22.1	12.6	58	0.2	19.0	8.1	389	1.64	47.4	3.7	18.7	2.4	80	0.4	1.3	0.5	34	1.78	0.064
1079498	Soil	0.5	32.6	12.7	61	0.2	19.6	8.9	374	1.67	33.9	1.0	8.2	1.5	66	0.5	1.1	1.0	33	1.56	0.075
1145734	Soil	0.4	18.0	13.4	65	0.1	24.4	9.8	345	2.58	34.7	0.9	1.6	4.5	178	0.3	0.9	0.3	55	1.99	0.085
1145733	Soil	0.7	19.8	11.4	62	0.1	22.6	9.4	307	2.21	71.9	0.9	36.8	6.6	78	0.4	1.9	0.5	48	0.81	0.085
1145731	Soil	0.5	19.9	13.3	86	0.2	24.3	10.0	385	2.15	136.2	1.5	7.3	3.5	125	0.6	1.5	0.4	41	1.66	0.078
1145735	Soil	0.5	25.3	9.8	63	0.1	24.4	11.5	392	2.63	17.8	0.6	1.7	6.7	114	0.2	1.0	0.2	55	1.45	0.087
1145736	Soil	0.6	19.1	12.5	60	0.1	22.2	9.8	353	2.04	38.5	2.2	5.4	3.0	46	0.3	0.9	0.3	43	0.76	0.069
1078768	Soil	1.1	25.0	18.4	47	0.1	17.7	6.7	373	1.03	44.3	0.8	2.1	0.9	99	0.4	1.7	0.6	16	2.79	0.076
1078762	Soil	0.8	60.8	14.6	62	0.3	30.2	13.4	349	2.30	330.5	1.8	13.0	7.2	63	0.3	8.7	3.0	44	0.78	0.074
1078764	Soil	2.1	206.0	15.2	99	1.4	53.0	19.3	484	3.86	1187	2.3	109.5	5.7	87	0.8	452.6	5.6	58	1.18	0.091
1078769	Soil	2.6	240.1	13.4	66	0.6	52.6	27.2	396	5.09	1872	3.2	26.4	4.5	55	0.3	5.4	6.9	68	0.35	0.151
1078765	Soil	1.1	145.2	87.0	94	2.2	36.9	16.1	472	3.85	3071	1.4	139.4	6.0	67	1.3	1009	11.3	43	0.70	0.092
1078761	Soil	0.9	86.2	20.4	71	0.5	25.8	10.3	414	2.33	157.6	1.2	15.8	5.2	53	0.5	22.9	3.4	48	0.93	0.079
1078767	Soil	0.7	97.8	20.1	79	0.3	42.9	25.6	627	3.72	281.7	1.9	7.9	5.8	104	0.6	6.8	3.7	48	1.02	0.088
1078771	Soil	1.3	60.9	22.3	65	0.4	22.9	11.7	417	3.17	433.5	5.8	5.2	4.4	42	0.1	7.3	4.2	52	0.57	0.085

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Project: MAH
Report Date: August 29, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1145743	Soil		18	38	0.68	229	0.061	1	2.33	0.013	0.07	0.2	0.03	3.6	0.2	<0.05	6	<0.5	<0.2
1145744	Soil		18	34	0.68	243	0.062	<1	1.87	0.015	0.07	0.2	0.02	3.6	0.1	<0.05	6	<0.5	<0.2
1145745	Soil		18	27	0.51	222	0.043	1	1.55	0.010	0.05	0.2	0.04	2.7	0.1	<0.05	4	<0.5	<0.2
1145746	Soil		16	30	0.52	190	0.045	<1	1.65	0.010	0.06	0.2	0.02	2.2	0.2	<0.05	6	<0.5	<0.2
1145748	Soil		17	23	0.38	193	0.043	<1	1.18	0.007	0.05	0.6	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
1145747	Soil		15	24	0.41	227	0.036	1	1.40	0.007	0.05	0.4	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
1145749	Soil		16	26	0.44	247	0.029	2	1.48	0.017	0.05	0.7	0.05	2.7	0.2	0.05	5	<0.5	<0.2
1079492	Soil		19	28	0.42	165	0.037	3	1.65	0.059	0.05	0.8	0.05	2.5	<0.1	0.05	5	<0.5	<0.2
1079493	Soil		16	26	0.40	197	0.034	3	2.05	0.081	0.05	0.6	0.07	2.2	0.1	0.12	6	<0.5	<0.2
1079496	Soil		18	48	0.66	243	0.055	3	2.01	0.072	0.11	0.5	0.05	3.0	0.2	0.14	6	<0.5	<0.2
1079497	Soil		18	29	0.46	205	0.050	2	1.55	0.070	0.07	1.5	0.05	2.2	0.1	0.11	5	<0.5	<0.2
1079495	Soil		18	36	0.52	237	0.040	5	1.84	0.069	0.09	0.5	0.06	2.4	0.2	0.16	6	0.6	<0.2
1079494	Soil		17	42	0.92	301	0.104	3	3.12	0.126	0.21	0.8	0.04	4.2	0.2	<0.05	9	<0.5	<0.2
1145732	Soil		34	25	0.40	212	0.015	1	1.88	0.045	0.05	0.4	0.04	2.5	0.1	<0.05	5	0.5	<0.2
1079500	Soil		24	22	0.33	155	0.030	<1	1.43	0.011	0.07	0.5	0.06	2.0	0.2	<0.05	5	<0.5	<0.2
1079499	Soil		18	26	0.45	205	0.031	2	1.84	0.061	0.05	0.3	0.05	1.9	0.1	0.05	5	<0.5	<0.2
1079498	Soil		14	24	0.42	207	0.027	3	1.58	0.056	0.05	0.4	0.03	1.4	<0.1	0.09	5	0.7	<0.2
1145734	Soil		18	53	1.23	209	0.093	2	3.56	0.220	0.09	0.3	0.03	3.6	0.2	<0.05	10	0.6	<0.2
1145733	Soil		19	29	0.52	178	0.058	<1	1.66	0.071	0.08	0.9	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1145731	Soil		24	32	0.74	236	0.048	2	2.81	0.088	0.09	0.3	0.05	2.6	0.2	<0.05	7	0.8	<0.2
1145735	Soil		17	42	0.96	255	0.103	1	2.84	0.199	0.27	0.3	0.02	4.3	0.2	<0.05	8	<0.5	<0.2
1145736	Soil		17	26	0.43	192	0.033	<1	1.73	0.048	0.05	0.3	0.06	2.3	0.1	<0.05	5	<0.5	<0.2
1078768	Soil		10	20	0.27	121	0.021	12	1.45	0.085	0.04	0.1	0.06	0.8	0.1	0.19	4	0.6	<0.2
1078762	Soil		30	27	0.47	193	0.053	4	1.99	0.055	0.07	0.9	0.06	2.9	0.1	<0.05	6	0.7	<0.2
1078764	Soil		21	36	0.83	212	0.054	7	2.10	0.063	0.17	0.4	0.07	4.4	0.5	<0.05	7	1.5	<0.2
1078769	Soil		25	40	0.89	359	0.066	1	3.91	0.022	0.20	0.6	0.11	4.2	0.5	0.08	9	2.2	<0.2
1078765	Soil		21	24	0.57	206	0.036	3	1.41	0.040	0.11	0.3	0.09	5.2	0.3	<0.05	4	1.4	<0.2
1078761	Soil		21	26	0.46	158	0.053	5	1.99	0.079	0.06	0.7	0.05	3.0	0.1	<0.05	5	0.7	<0.2
1078767	Soil		28	38	0.98	273	0.066	2	3.53	0.043	0.13	0.2	0.06	4.3	0.2	<0.05	10	0.8	<0.2
1078771	Soil		46	35	0.72	233	0.027	1	2.63	0.011	0.05	0.3	0.07	3.4	0.2	<0.05	8	1.0	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078770	Soil		0.9	72.0	11.8	67	0.2	31.5	13.8	305	2.74	391.1	2.5	15.3	6.8	41	0.3	5.8	3.1	44	0.36	0.085
1078772	Soil		1.1	66.1	12.0	64	0.2	24.8	11.8	336	2.79	315.7	2.6	51.1	5.9	78	0.2	7.1	4.2	50	0.58	0.075
1078791	Soil		1.1	19.1	21.5	65	0.1	21.0	8.9	353	2.31	11.9	0.9	1.2	1.1	18	0.2	1.0	0.3	49	0.26	0.072
1078786	Soil		0.9	17.4	13.1	62	<0.1	18.5	7.3	296	2.34	20.9	1.1	2.7	1.4	18	0.2	1.0	0.7	45	0.29	0.055
1078763	Soil		0.7	28.0	11.8	39	0.2	11.6	5.9	526	0.99	62.9	0.7	1.2	0.7	53	0.5	3.8	0.8	18	2.12	0.095
1078774	Soil		0.8	25.4	7.7	53	<0.1	16.9	6.1	187	1.94	80.6	1.6	6.0	3.0	13	0.2	9.0	1.0	40	0.18	0.064
1078775	Soil		0.8	25.4	7.7	51	<0.1	17.5	6.3	173	1.96	76.1	1.5	14.7	2.7	14	0.2	8.9	1.0	39	0.19	0.064
1078779	Soil		1.4	24.3	10.7	60	0.1	16.7	9.1	372	2.52	49.6	1.7	10.0	1.2	12	0.1	3.5	2.1	49	0.13	0.062
1078766	Soil		0.6	51.3	12.7	47	0.2	27.0	19.9	433	2.16	492.9	1.1	5.2	2.3	113	0.5	6.7	3.8	29	2.49	0.097
1078777	Soil		1.1	22.2	8.5	52	0.1	14.5	6.9	265	2.12	64.9	1.5	12.5	1.9	9	0.1	3.9	0.9	44	0.12	0.055
1078788	Soil		0.7	14.1	19.5	64	0.1	18.6	9.2	511	2.44	22.0	0.8	1.0	1.1	20	0.2	1.1	0.6	50	0.32	0.080
1078784	Soil		1.2	25.0	9.8	58	<0.1	20.3	7.8	272	2.06	61.4	4.1	2.2	5.2	22	0.2	1.0	0.7	39	0.27	0.060
1078778	Soil		1.5	27.7	10.9	58	0.2	17.0	7.5	251	2.46	90.7	2.3	8.3	1.3	11	<0.1	9.8	1.5	48	0.13	0.057
1078782	Soil		0.9	25.2	8.1	52	<0.1	18.6	7.0	225	2.14	60.6	1.0	5.1	3.8	14	0.1	9.6	0.7	38	0.22	0.064
1078785	Soil		0.9	20.3	12.6	63	<0.1	19.6	8.6	331	2.44	29.4	1.8	1.6	3.8	18	0.2	0.9	0.5	45	0.20	0.056
1078776	Soil		1.0	22.5	9.0	54	0.2	15.1	7.5	278	2.15	72.7	1.5	6.4	2.3	11	0.1	4.7	1.0	39	0.14	0.065
1078789	Soil		0.8	13.7	12.6	47	<0.1	15.0	6.8	260	2.09	11.3	0.7	1.7	1.4	14	<0.1	0.8	0.3	43	0.20	0.054
1078792	Soil		1.2	21.8	22.9	89	<0.1	23.0	12.7	412	2.61	13.7	1.1	3.2	2.7	17	0.3	1.3	0.2	56	0.21	0.070
1078787	Soil		0.6	13.4	18.8	60	0.2	14.4	6.1	421	2.10	14.4	1.0	3.4	1.2	24	0.3	0.8	1.3	36	0.45	0.090
1078790	Soil		0.8	28.1	22.5	73	<0.1	28.0	10.1	362	2.32	11.2	1.0	17.8	4.5	24	0.3	0.9	2.0	47	0.42	0.090
1078781	Soil		0.9	26.0	10.5	55	0.1	16.8	7.0	274	2.20	127.4	1.6	4.6	4.1	13	0.1	15.0	1.9	35	0.17	0.053
1078783	Soil		0.6	18.6	10.5	56	<0.1	15.6	6.5	228	2.22	34.9	4.0	3.9	2.6	14	0.2	1.2	1.0	38	0.14	0.060
1078780	Soil		1.2	19.0	10.8	74	0.1	18.7	8.4	517	2.41	60.0	2.1	16.8	1.0	21	0.1	2.9	2.5	42	0.30	0.082
1078773	Soil		1.3	47.5	14.6	55	0.2	22.1	9.4	403	2.52	359.8	2.2	8.0	1.9	45	0.5	10.6	3.6	42	0.52	0.101
1078647	Soil		1.1	22.3	12.8	54	<0.1	16.1	7.3	281	2.59	22.7	1.3	3.5	2.7	11	0.3	0.9	1.6	49	0.09	0.046
1078941	Soil		1.2	23.2	17.1	67	0.1	16.1	8.0	427	2.42	39.8	1.7	4.6	2.5	26	0.3	1.7	2.8	43	0.19	0.085
1078648	Soil		1.5	59.3	11.7	65	<0.1	24.4	9.1	413	2.40	66.8	4.0	12.8	6.6	24	0.3	1.5	1.1	47	0.26	0.098
1028087	Soil		0.7	72.8	31.8	61	0.2	14.4	11.5	798	2.42	245.2	10.8	47.4	20.1	60	0.7	8.2	43.8	36	0.78	0.089
1078936	Soil		1.2	227.0	27.9	66	0.8	22.6	14.3	521	3.86	3475	15.7	73.7	17.5	50	0.6	81.9	22.6	45	0.42	0.101
1078939	Soil		0.7	29.7	15.5	62	0.2	22.0	9.8	426	2.37	115.0	1.2	5.0	3.0	31	0.4	4.6	1.5	39	0.41	0.098

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000178.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078770	Soil		27	26	0.58	193	0.056	<1	1.90	0.013	0.10	1.0	0.05	3.1	0.2	<0.05	5	1.1	<0.2
1078772	Soil		25	30	0.61	254	0.058	<1	2.19	0.013	0.11	0.6	0.05	3.1	0.2	<0.05	6	0.6	<0.2
1078791	Soil		15	27	0.44	204	0.040	2	1.90	0.009	0.05	0.3	0.03	1.8	0.2	<0.05	6	0.6	<0.2
1078786	Soil		14	27	0.39	168	0.033	<1	1.79	0.008	0.04	0.3	0.02	1.7	0.1	<0.05	6	0.8	<0.2
1078763	Soil		10	15	0.19	128	0.020	5	0.97	0.032	0.06	0.1	0.08	0.8	<0.1	0.22	3	0.8	<0.2
1078774	Soil		17	26	0.39	99	0.043	<1	1.45	0.005	0.05	0.6	0.03	1.8	0.2	<0.05	4	<0.5	<0.2
1078775	Soil		16	26	0.40	95	0.043	<1	1.52	0.005	0.05	0.6	0.03	1.8	0.2	<0.05	4	0.6	<0.2
1078779	Soil		16	28	0.41	116	0.032	<1	1.58	0.005	0.05	0.3	0.04	1.9	0.2	<0.05	5	<0.5	<0.2
1078766	Soil		16	20	0.57	179	0.037	5	2.38	0.058	0.15	0.6	0.05	2.0	0.3	0.18	6	0.5	<0.2
1078777	Soil		15	26	0.36	93	0.034	<1	1.42	0.004	0.05	0.5	0.02	1.7	0.1	<0.05	4	0.7	<0.2
1078788	Soil		15	29	0.48	197	0.036	1	1.90	0.007	0.05	0.3	0.04	2.0	0.2	<0.05	6	<0.5	<0.2
1078784	Soil		28	23	0.39	179	0.046	<1	1.35	0.008	0.05	0.5	0.03	2.6	0.1	<0.05	4	<0.5	<0.2
1078778	Soil		17	30	0.42	115	0.033	<1	1.58	0.005	0.05	0.3	0.04	1.9	0.2	<0.05	5	0.5	<0.2
1078782	Soil		16	21	0.36	119	0.042	1	1.22	0.005	0.05	0.5	0.02	1.8	0.2	<0.05	4	0.6	<0.2
1078785	Soil		21	27	0.43	161	0.041	<1	1.67	0.007	0.05	0.4	0.03	2.4	0.2	<0.05	5	0.7	<0.2
1078776	Soil		16	25	0.37	98	0.039	<1	1.51	0.005	0.05	0.7	0.03	1.9	0.1	<0.05	4	<0.5	<0.2
1078789	Soil		13	24	0.35	132	0.027	<1	1.28	0.004	0.03	0.2	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1078792	Soil		16	30	0.54	236	0.063	<1	1.92	0.008	0.08	0.2	0.03	3.5	0.2	<0.05	6	0.5	<0.2
1078787	Soil		12	23	0.40	189	0.015	3	1.54	0.008	0.03	0.3	0.03	1.3	0.1	0.06	6	0.7	<0.2
1078790	Soil		15	26	0.90	229	0.040	1	1.74	0.008	0.05	0.4	0.03	2.8	0.1	<0.05	5	0.6	<0.2
1078781	Soil		14	20	0.37	124	0.031	<1	1.45	0.006	0.05	0.6	0.03	1.9	0.2	<0.05	4	0.6	<0.2
1078783	Soil		16	23	0.39	143	0.030	2	1.53	0.006	0.03	0.5	0.02	2.0	0.1	<0.05	5	0.7	<0.2
1078780	Soil		15	26	0.43	191	0.023	2	1.77	0.007	0.04	0.5	0.04	1.6	0.2	<0.05	5	0.5	<0.2
1078773	Soil		23	31	0.52	256	0.035	2	1.97	0.013	0.09	0.4	0.06	2.1	0.2	0.09	7	0.8	<0.2
1078647	Soil		15	25	0.36	155	0.028	<1	1.82	0.006	0.03	0.3	0.04	2.1	0.1	<0.05	6	0.9	<0.2
1078941	Soil		18	24	0.32	112	0.035	2	2.34	0.019	0.04	1.3	0.04	1.7	0.1	0.05	8	0.9	<0.2
1078648	Soil		24	25	0.42	205	0.042	1	1.49	0.008	0.05	0.8	0.05	2.9	0.1	<0.05	4	0.9	<0.2
1028087	Soil		55	16	0.65	478	0.003	2	2.11	0.006	0.09	0.3	0.03	5.5	0.2	<0.05	7	1.0	0.6
1078936	Soil		53	33	0.71	233	0.027	2	1.96	0.007	0.10	2.5	0.03	5.2	0.3	<0.05	7	1.0	0.3
1078939	Soil		19	25	0.47	206	0.042	2	1.99	0.024	0.05	0.6	0.05	2.4	0.2	0.06	6	0.7	<0.2

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Project: MAH
Report Date: August 29, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078942	Soil		1.2	29.0	19.8	76	0.2	21.0	9.2	519	2.23	99.0	2.3	9.8	3.7	30	0.4	1.5	5.8	39	0.34	0.116
1028091	Soil		0.9	36.0	8.9	77	0.1	21.5	9.6	502	2.56	65.4	1.8	26.4	8.1	33	0.4	17.8	3.2	39	0.48	0.090
1078937	Soil		1.3	139.9	20.9	72	0.3	21.8	12.3	538	3.59	2472	11.5	43.4	9.6	36	0.6	56.9	12.9	45	0.22	0.080
1078943	Soil		0.8	39.5	13.9	68	0.2	22.9	8.5	371	2.28	71.5	2.2	13.2	6.9	38	0.5	1.7	6.6	42	0.47	0.091
1078940	Soil		1.2	11.7	13.7	37	<0.1	10.8	5.0	153	2.42	59.2	0.7	4.8	2.8	9	<0.1	1.6	1.2	50	0.07	0.034
1028090	Soil		1.1	35.0	10.6	62	<0.1	21.0	10.0	372	2.50	30.0	1.3	27.7	5.5	17	0.3	1.4	1.0	45	0.18	0.059
1028097	Soil		0.7	27.5	25.7	63	0.3	18.8	6.9	382	1.92	12.7	1.1	8.2	3.7	58	0.9	0.9	1.5	32	1.01	0.088
1028092	Soil		1.4	17.9	10.9	60	<0.1	16.6	7.6	487	2.54	47.8	1.8	7.8	1.1	11	0.1	1.7	2.0	47	0.13	0.065
1078938	Soil		2.3	247.5	28.4	67	1.1	18.7	13.2	526	4.19	1670	22.3	31.8	15.8	51	0.3	104.4	13.7	52	0.43	0.114
1028096	Soil		0.8	33.4	21.1	64	0.2	20.6	7.4	358	2.07	56.7	1.2	14.7	3.4	54	0.7	1.4	2.2	35	0.83	0.084
1078649	Soil		1.1	29.8	10.3	61	<0.1	24.6	9.0	382	2.26	28.5	1.8	7.2	5.6	19	0.2	1.2	0.9	42	0.24	0.082
1028089	Soil		1.2	25.1	10.7	73	0.1	24.3	9.5	423	2.47	45.5	1.4	9.1	5.4	23	0.6	1.6	1.9	43	0.27	0.087
1028098	Soil		0.7	25.7	33.5	59	0.3	22.6	9.2	360	2.26	11.8	0.8	8.8	3.9	52	0.8	0.8	3.0	39	0.87	0.067
1078944	Soil		1.0	19.7	15.4	81	<0.1	17.0	9.2	615	2.27	30.8	1.3	5.1	4.5	20	0.4	1.0	2.0	42	0.20	0.097
1028095	Soil		0.7	27.0	23.7	67	0.2	18.3	8.1	377	1.95	35.3	1.2	6.6	2.8	48	0.7	1.4	3.2	34	0.64	0.079
1028088	Soil		0.7	52.4	13.0	50	<0.1	12.5	7.4	288	2.42	149.4	3.2	9.5	12.1	76	0.2	2.7	3.1	40	0.49	0.090
1028093	Soil		0.6	42.3	13.0	57	0.2	19.6	6.3	262	1.90	32.0	1.3	5.9	3.6	32	0.2	1.3	2.9	33	0.49	0.074
1028094	Soil		0.6	43.1	13.1	58	0.2	19.7	6.8	264	1.94	32.3	1.3	5.0	3.8	33	0.2	1.3	3.1	34	0.48	0.074
1078947	Soil		0.6	23.2	51.6	80	0.3	25.5	9.1	320	2.54	15.8	0.8	2.0	5.0	38	0.4	2.7	0.4	43	0.69	0.070
1028100	Soil		0.8	55.5	33.6	101	0.5	22.2	8.2	274	2.08	46.7	2.7	8.4	8.6	71	1.9	2.1	8.5	37	0.79	0.098
1028099	Soil		0.8	22.9	52.1	64	0.3	22.8	8.5	366	2.12	9.1	0.8	3.2	4.4	44	0.8	0.7	0.8	35	0.60	0.045
1078945	Soil		1.4	8.9	15.1	41	<0.1	10.3	4.3	137	2.23	11.5	0.5	3.3	4.1	10	0.2	1.0	0.6	57	0.10	0.015
1078948	Soil		0.5	27.7	80.0	88	0.5	23.8	8.1	322	2.40	16.9	0.7	2.4	4.1	47	0.7	4.2	0.4	41	0.81	0.071
1078946	Soil		0.6	24.5	35.5	65	0.7	19.9	7.7	312	2.08	360.8	0.9	8.3	4.3	41	0.9	1.3	1.8	32	0.55	0.065
1145930	Soil		0.7	17.9	13.0	54	<0.1	18.0	6.6	187	2.09	14.7	0.9	3.3	1.1	15	<0.1	0.7	0.3	39	0.21	0.071
1145932	Soil		0.9	32.9	24.9	66	0.2	23.0	10.7	440	2.49	90.4	3.1	5.9	1.9	30	0.2	1.4	0.4	49	0.52	0.081
1145926	Soil		1.0	16.2	21.0	67	<0.1	16.7	8.8	583	2.42	15.4	0.9	2.7	0.7	23	0.3	1.1	1.0	41	0.31	0.078
1145929	Soil		0.9	20.3	14.1	62	<0.1	20.2	7.4	274	2.17	32.0	1.7	4.7	5.1	32	0.2	1.4	0.3	42	0.51	0.068
1145927	Soil		1.0	20.1	20.6	66	0.1	20.1	8.4	349	2.35	17.3	1.0	1.9	1.5	20	0.2	1.2	0.5	41	0.29	0.079
1145928	Soil		1.0	15.5	14.3	75	0.1	17.7	7.9	292	2.30	50.9	3.0	2.0	1.8	24	0.2	1.0	0.3	43	0.42	0.068

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078942	Soil		20	28	0.43	163	0.043	1	3.12	0.033	0.05	0.8	0.07	2.2	0.2	0.07	9	1.1	<0.2
1028091	Soil		25	26	0.60	240	0.056	3	1.55	0.011	0.07	1.0	0.03	3.3	0.2	<0.05	5	0.9	<0.2
1078937	Soil		40	31	0.55	193	0.034	1	1.66	0.007	0.07	1.9	0.03	4.2	0.3	<0.05	6	1.0	0.4
1078943	Soil		28	26	0.44	331	0.049	3	2.18	0.033	0.04	1.5	0.04	2.8	0.1	<0.05	6	0.8	<0.2
1078940	Soil		13	21	0.22	71	0.034	2	1.69	0.005	0.03	0.4	0.07	1.6	0.1	<0.05	7	1.0	<0.2
1028090	Soil		19	31	0.57	175	0.079	1	1.71	0.011	0.11	0.9	0.07	2.8	0.3	<0.05	5	<0.5	<0.2
1028097	Soil		19	21	0.51	195	0.030	5	1.54	0.036	0.04	0.9	0.05	2.2	<0.1	<0.05	4	1.2	<0.2
1028092	Soil		15	27	0.40	125	0.030	2	1.75	0.005	0.04	0.4	0.03	1.5	0.1	<0.05	5	1.2	<0.2
1078938	Soil		61	38	0.64	206	0.041	2	2.05	0.010	0.12	1.5	0.04	6.1	0.5	0.05	8	2.4	<0.2
1028096	Soil		18	23	0.46	242	0.035	3	1.82	0.036	0.05	0.5	0.04	2.2	0.1	<0.05	5	<0.5	<0.2
1078649	Soil		19	22	0.36	146	0.040	2	1.15	0.006	0.04	1.0	0.06	2.0	0.1	<0.05	4	<0.5	<0.2
1028089	Soil		21	23	0.39	203	0.042	2	1.43	0.008	0.05	0.7	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
1028098	Soil		16	27	0.55	236	0.041	3	2.12	0.045	0.06	0.3	0.06	2.5	0.1	<0.05	6	<0.5	<0.2
1078944	Soil		19	24	0.34	125	0.046	3	2.51	0.021	0.05	1.0	0.03	2.3	0.1	<0.05	7	0.7	<0.2
1028095	Soil		17	23	0.48	239	0.032	3	2.04	0.036	0.04	0.4	0.03	2.1	0.1	<0.05	6	<0.5	<0.2
1028088	Soil		38	25	0.48	215	0.061	1	1.63	0.008	0.12	0.9	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1028093	Soil		16	20	0.40	214	0.031	2	1.44	0.019	0.04	0.4	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1028094	Soil		16	20	0.41	221	0.032	2	1.46	0.014	0.04	0.3	0.02	2.1	<0.1	<0.05	4	0.7	<0.2
1078947	Soil		19	27	0.50	266	0.034	2	1.66	0.017	0.05	0.2	0.05	3.8	0.2	<0.05	5	<0.5	<0.2
1028100	Soil		26	23	0.51	156	0.036	4	1.92	0.043	0.05	0.5	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1028099	Soil		16	24	0.60	175	0.044	3	2.03	0.027	0.05	0.3	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
1078945	Soil		13	18	0.20	97	0.038	2	1.10	0.004	0.03	0.3	0.02	1.6	0.2	<0.05	6	<0.5	<0.2
1078948	Soil		19	25	0.41	233	0.031	4	1.55	0.022	0.05	0.2	0.05	3.7	0.2	0.06	5	<0.5	<0.2
1078946	Soil		22	21	0.39	215	0.027	2	1.73	0.025	0.04	0.5	0.04	2.3	<0.1	0.05	5	<0.5	<0.2
1145930	Soil		13	23	0.41	182	0.029	2	1.62	0.006	0.04	0.2	0.03	1.6	0.1	<0.05	5	<0.5	<0.2
1145932	Soil		16	29	0.54	331	0.033	2	1.90	0.015	0.05	0.3	0.05	2.7	0.2	<0.05	5	<0.5	<0.2
1145926	Soil		13	26	0.38	213	0.026	2	1.75	0.011	0.04	0.4	0.03	1.2	0.1	<0.05	7	<0.5	<0.2
1145929	Soil		17	26	0.46	262	0.051	2	1.31	0.013	0.05	0.5	0.03	2.5	0.1	<0.05	4	<0.5	<0.2
1145927	Soil		13	25	0.41	208	0.026	1	2.03	0.008	0.04	0.4	0.03	1.7	0.1	<0.05	6	<0.5	<0.2
1145928	Soil		14	26	0.46	216	0.026	1	1.42	0.008	0.04	0.3	0.02	2.2	0.1	<0.05	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000178.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1145925	Soil	1.1	16.0	20.4	68	<0.1	17.0	9.6	638	2.46	15.9	0.9	1.8	0.9	23	0.3	1.0	1.0	42	0.30	0.075
1145922	Soil	0.7	17.0	12.1	64	<0.1	17.5	8.2	417	2.28	54.9	0.9	1.9	1.8	17	0.2	4.6	0.9	40	0.27	0.059
1145931	Soil	0.9	30.3	28.5	65	0.2	23.7	10.5	386	2.53	43.9	1.9	4.8	2.2	32	0.2	1.2	0.4	52	0.56	0.082
1145924	Soil	0.8	16.4	26.2	90	0.1	20.5	8.4	449	2.29	21.1	0.9	8.0	1.1	28	0.4	1.1	0.9	41	0.52	0.085
1145895	Soil	0.7	30.2	11.8	64	0.2	19.9	8.9	336	2.16	96.4	3.3	6.0	4.4	77	0.3	3.0	1.7	37	1.02	0.092
1145900	Soil	1.4	17.8	11.3	57	<0.1	14.8	6.0	255	2.35	144.0	1.2	7.4	3.9	11	0.1	24.8	2.1	50	0.14	0.042
1145921	Soil	0.9	25.2	9.9	63	0.1	17.5	7.9	307	2.23	156.8	1.6	3.6	3.9	12	0.2	60.4	0.9	37	0.15	0.059
1145923	Soil	0.8	15.8	16.2	63	<0.1	16.5	7.8	360	2.33	31.4	0.9	3.2	1.2	21	0.2	15.6	1.2	38	0.37	0.076
1145899	Soil	1.0	23.6	11.1	59	<0.1	16.5	6.5	237	2.32	265.2	2.2	5.2	1.1	14	0.2	28.3	1.3	41	0.16	0.065
1145893	Soil	0.8	39.2	10.4	63	0.2	22.2	9.4	267	2.32	93.4	1.3	6.3	7.6	46	0.3	2.9	1.8	39	0.67	0.088
1145884	Soil	0.5	149.5	16.7	79	0.4	29.6	13.1	321	2.54	231.1	1.3	36.2	7.2	94	0.6	22.4	3.9	50	1.33	0.114
1145882	Soil	1.0	79.7	22.5	82	0.6	17.5	7.4	649	1.45	137.1	1.7	24.9	3.9	120	1.1	8.7	8.6	19	2.50	0.146
1145883	Soil	0.7	54.4	12.9	60	0.2	21.7	8.5	281	2.19	149.1	1.3	31.8	8.2	88	0.5	10.2	2.8	39	1.58	0.105
1145886	Soil	0.3	31.9	12.0	74	0.2	26.2	10.0	230	2.36	72.1	0.7	4.1	6.4	72	0.3	1.9	0.9	40	1.28	0.074
1145881	Soil	1.3	361.1	49.2	121	4.1	20.8	8.7	626	3.60	5503	2.2	103.5	4.4	62	1.9	842.2	44.3	27	1.24	0.122
1145890	Soil	1.1	41.1	20.8	81	0.1	26.6	13.0	518	3.27	194.0	3.7	5.9	8.9	52	0.3	9.7	2.2	49	0.53	0.093
1145891	Soil	0.9	34.0	14.7	79	0.2	26.7	12.3	674	2.63	92.7	1.8	5.7	2.7	54	0.5	4.1	1.5	44	0.73	0.097
1145885	Soil	0.4	22.7	12.9	53	0.2	20.1	7.9	378	1.83	28.0	0.8	5.2	3.0	59	0.2	2.8	0.8	33	1.14	0.067
1145887	Soil	0.9	43.4	11.0	64	0.2	22.8	9.7	281	2.74	219.1	2.2	6.0	6.8	47	0.2	4.6	5.1	40	0.33	0.080
1145892	Soil	0.8	34.3	12.3	54	0.2	21.6	8.0	308	2.02	60.8	1.4	8.5	4.1	65	0.4	2.0	1.5	34	1.01	0.067
1145888	Soil	1.1	35.5	14.1	77	0.1	27.6	14.3	413	3.11	126.2	1.1	7.4	4.3	82	0.4	3.2	1.1	48	0.36	0.090
1145889	Soil	1.0	40.1	27.0	66	0.2	16.5	10.8	422	3.10	206.4	4.9	22.8	11.1	73	0.3	19.6	2.7	45	0.64	0.080
1145897	Soil	0.5	27.2	12.2	59	0.1	19.3	9.0	391	1.87	62.3	1.7	4.9	3.7	63	0.3	2.3	1.7	33	1.21	0.068
1145896	Soil	0.7	30.6	13.9	65	0.2	21.6	9.2	485	2.05	72.5	2.0	2.2	2.9	60	0.5	1.9	1.7	36	1.25	0.086
1145898	Soil	0.9	29.9	11.1	74	0.1	21.3	8.3	385	2.32	108.6	2.0	10.3	2.2	21	0.3	7.3	2.8	43	0.32	0.086
1145894	Soil	0.4	41.5	13.7	71	0.3	21.6	7.1	198	1.98	98.2	2.1	12.6	5.7	79	0.4	2.6	3.0	34	1.29	0.094
1031331	Soil	1.1	97.2	11.6	73	0.4	21.6	11.5	573	2.65	362.2	3.6	75.1	7.1	29	0.5	14.9	5.3	44	0.36	0.091
1031335	Soil	0.2	49.5	19.0	89	0.4	20.4	7.4	244	2.26	48.7	1.2	52.7	6.1	44	0.7	8.8	9.1	35	1.15	0.084
1031333	Soil	0.6	119.4	18.2	73	2.2	21.2	9.5	654	2.97	1924	1.6	128.5	6.1	60	0.7	72.3	34.0	34	1.14	0.083
1031334	Soil	0.8	52.6	19.3	82	0.5	16.4	7.9	583	1.80	154.4	1.3	202.8	2.9	54	0.7	12.8	23.8	27	1.61	0.105

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Project: MAH
Report Date: August 29, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1145925	Soil	13	27	0.39	213	0.028	2	1.78	0.011	0.05	0.3	0.03	1.3	0.1	<0.05	8	<0.5	<0.2
1145922	Soil	13	22	0.39	132	0.030	<1	1.34	0.006	0.04	0.3	0.02	1.6	0.1	<0.05	5	<0.5	<0.2
1145931	Soil	16	29	0.58	352	0.039	1	1.99	0.016	0.05	0.3	0.05	3.1	0.2	<0.05	6	<0.5	<0.2
1145924	Soil	13	25	0.42	211	0.025	2	1.74	0.015	0.05	0.4	0.02	1.4	0.1	<0.05	6	<0.5	<0.2
1145895	Soil	25	23	0.42	194	0.038	2	1.60	0.040	0.06	1.1	0.05	2.6	0.1	<0.05	5	<0.5	<0.2
1145900	Soil	15	31	0.47	95	0.074	1	1.22	0.005	0.06	0.8	0.02	2.0	0.2	<0.05	6	<0.5	<0.2
1145921	Soil	15	21	0.39	108	0.032	1	1.28	0.005	0.04	0.5	0.02	1.9	0.1	<0.05	3	<0.5	<0.2
1145923	Soil	13	22	0.40	165	0.024	2	1.39	0.007	0.04	0.4	0.03	1.5	0.1	<0.05	5	<0.5	<0.2
1145899	Soil	15	24	0.38	121	0.024	1	1.41	0.005	0.05	0.3	0.03	1.3	0.2	<0.05	4	<0.5	<0.2
1145893	Soil	23	26	0.41	178	0.043	1	1.11	0.022	0.06	1.0	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
1145884	Soil	22	27	0.68	380	0.065	4	1.92	0.084	0.11	1.2	0.04	3.9	0.1	<0.05	6	<0.5	<0.2
1145882	Soil	22	20	0.26	231	0.027	13	2.36	0.150	0.07	0.4	0.09	1.6	0.1	0.10	5	<0.5	<0.2
1145883	Soil	21	24	0.44	132	0.056	7	1.84	0.109	0.07	2.2	0.07	2.6	<0.1	<0.05	5	<0.5	<0.2
1145886	Soil	14	29	0.52	200	0.062	3	1.90	0.062	0.08	0.2	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
1145881	Soil	22	28	0.39	382	0.021	9	1.60	0.042	0.08	0.6	0.06	2.6	0.4	0.10	5	1.4	0.2
1145890	Soil	37	39	0.73	249	0.056	<1	2.48	0.024	0.17	0.9	0.04	4.9	0.3	<0.05	8	<0.5	<0.2
1145891	Soil	23	33	0.62	312	0.039	1	2.46	0.035	0.06	0.4	0.04	2.8	0.2	<0.05	7	<0.5	<0.2
1145885	Soil	15	24	0.45	197	0.037	4	2.12	0.053	0.05	0.2	0.04	2.2	0.1	<0.05	6	<0.5	<0.2
1145887	Soil	28	24	0.49	170	0.043	<1	1.86	0.012	0.08	0.6	0.04	2.9	0.2	<0.05	5	<0.5	<0.2
1145892	Soil	21	21	0.38	211	0.032	3	1.82	0.050	0.04	0.9	0.05	2.0	0.1	<0.05	5	0.5	<0.2
1145888	Soil	16	33	0.75	287	0.057	1	2.67	0.015	0.16	0.6	0.05	3.3	0.4	<0.05	8	<0.5	<0.2
1145889	Soil	45	33	0.68	209	0.030	<1	2.21	0.015	0.12	1.3	0.04	4.2	0.2	<0.05	7	<0.5	<0.2
1145897	Soil	20	24	0.41	248	0.039	3	1.55	0.052	0.05	0.8	0.04	2.4	0.1	<0.05	5	0.5	<0.2
1145896	Soil	24	27	0.45	303	0.039	3	1.74	0.041	0.06	0.3	0.07	2.4	0.2	0.08	5	<0.5	<0.2
1145898	Soil	18	26	0.41	189	0.033	2	1.46	0.008	0.06	0.7	0.04	1.9	0.2	<0.05	4	<0.5	<0.2
1145894	Soil	24	29	0.55	244	0.036	3	1.92	0.053	0.06	1.4	0.07	3.3	0.1	0.08	6	<0.5	<0.2
1031331	Soil	24	26	0.39	180	0.054	2	1.66	0.014	0.07	1.9	0.07	2.6	0.2	<0.05	5	<0.5	<0.2
1031335	Soil	18	30	0.70	214	0.056	6	1.95	0.045	0.05	0.4	0.03	3.6	0.2	<0.05	6	<0.5	<0.2
1031333	Soil	22	22	0.49	367	0.017	4	1.55	0.038	0.06	0.8	0.04	3.2	0.1	<0.05	4	<0.5	0.3
1031334	Soil	14	20	0.32	212	0.024	9	1.59	0.049	0.04	0.4	0.04	1.7	<0.1	0.06	4	<0.5	0.6

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031336	Soil		0.8	28.9	20.1	60	0.2	29.0	12.3	374	2.27	73.4	0.9	5.7	5.4	75	0.5	1.4	0.8	33	0.62	0.049
1079491	Soil		0.6	22.6	39.4	60	0.3	22.8	9.7	392	2.06	12.5	1.2	7.0	4.7	53	0.4	1.3	0.4	40	1.01	0.082
1031337	Soil		0.8	13.9	9.8	42	<0.1	16.5	6.8	173	2.07	29.3	0.6	1.2	3.3	11	0.1	1.2	0.3	38	0.13	0.045
1031338	Soil		1.2	29.2	14.3	80	0.1	22.8	8.9	363	2.60	31.6	2.2	2.1	7.8	36	0.2	1.8	0.7	49	0.39	0.081
1031339	Soil		1.3	34.1	11.6	74	<0.1	26.3	11.2	366	2.59	80.0	0.7	2.6	2.7	23	0.3	1.1	1.3	51	0.20	0.055
1031341	Soil		0.5	24.9	12.4	44	0.2	18.2	7.6	338	1.58	112.6	1.1	4.7	3.0	105	0.4	1.6	1.1	27	1.66	0.085
1031342	Soil		0.7	41.9	14.8	63	0.3	24.3	9.6	342	2.35	204.9	2.0	3.8	5.1	107	0.4	2.6	3.3	37	1.70	0.085
1031343	Soil		0.4	30.9	12.9	65	0.2	19.8	7.8	367	2.04	162.4	1.7	2.2	4.3	76	0.4	2.2	2.2	34	1.50	0.087
1031340	Soil		0.8	39.7	14.9	60	0.2	24.9	10.7	400	2.09	292.2	1.4	5.7	3.3	88	0.4	2.5	2.6	34	1.50	0.089
1031344	Soil		0.5	20.4	11.6	53	0.1	17.2	8.2	523	1.68	138.5	1.4	3.0	4.6	68	0.5	1.8	2.2	32	1.06	0.078
1031345	Soil		0.4	31.2	15.4	62	0.2	22.0	9.6	242	2.04	135.7	2.5	2.7	4.6	54	0.4	2.3	2.5	38	1.00	0.083
1079490	Soil		0.6	28.2	33.8	59	0.3	23.7	12.9	412	2.47	18.0	1.5	5.9	6.1	53	0.4	1.8	0.5	44	0.80	0.081
1031332	Soil		0.9	123.6	15.8	96	1.0	21.6	9.9	525	3.01	795.9	2.3	124.4	5.1	72	0.8	129.9	29.1	38	0.67	0.078
1031346	Soil		0.6	26.1	15.6	58	0.2	20.8	9.2	359	2.05	140.0	1.8	6.2	3.2	65	0.4	1.2	2.9	35	0.93	0.090
1079488	Soil		0.8	23.4	22.1	63	<0.1	20.9	7.7	299	2.11	17.1	0.8	9.8	3.5	26	0.2	1.6	0.8	39	0.41	0.069
1079489	Soil		0.6	23.9	23.7	60	0.1	21.2	8.1	262	2.08	15.0	1.2	7.1	2.6	23	0.2	1.0	0.7	39	0.40	0.063
1079486	Soil		0.9	24.1	30.0	79	0.2	20.6	8.7	455	2.17	41.0	1.3	1.6	1.0	44	0.9	1.3	2.3	44	1.19	0.087
1079487	Soil		0.8	19.5	26.0	72	0.2	18.6	8.4	432	2.21	21.5	0.9	3.6	1.1	32	0.4	1.1	1.1	43	0.67	0.075
1079484	Soil		1.0	15.6	25.3	89	0.2	15.6	8.2	456	2.33	53.2	1.4	2.0	0.6	24	0.5	1.9	1.4	46	0.59	0.093
1079482	Soil		0.9	41.1	11.3	72	0.2	23.8	9.0	308	2.49	239.9	1.4	25.2	3.5	23	0.3	25.1	2.0	45	0.25	0.068
1079485	Soil		0.7	22.1	31.0	91	0.2	18.2	8.6	419	2.10	71.2	1.7	1.3	1.4	39	0.9	1.8	2.9	39	0.88	0.086
1079483	Soil		1.1	18.3	18.0	95	0.1	18.3	9.0	527	2.43	113.5	4.6	4.6	0.9	24	0.7	3.8	0.7	47	0.44	0.081
1031347	Soil		0.7	31.5	14.0	60	0.2	22.2	9.1	337	2.07	121.4	1.7	9.9	3.7	53	0.4	1.5	3.0	39	0.80	0.078
1079481	Soil		0.4	38.0	25.8	72	0.3	22.9	10.5	287	2.34	203.5	0.9	9.4	4.1	88	0.7	8.8	1.9	38	1.18	0.079
1031348	Soil		0.7	31.3	15.8	55	0.2	20.2	8.4	343	1.96	76.1	1.5	3.7	3.6	75	0.4	2.0	1.9	34	1.59	0.079
1031350	Soil		0.4	32.3	15.0	87	0.3	19.5	9.7	272	2.41	130.9	1.3	15.7	8.3	118	0.9	45.6	3.6	40	1.62	0.099
1031349	Soil		0.6	48.6	19.6	63	1.3	20.8	10.3	505	2.11	128.8	1.6	5.5	3.5	81	0.6	9.0	2.4	37	1.78	0.096
1151682	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1050875	Soil		0.8	21.8	10.3	62	<0.1	15.3	6.1	293	2.01	39.2	1.5	13.0	3.1	16	0.2	4.2	1.4	34	0.20	0.071
1050874	Soil		1.3	34.2	11.9	66	0.1	17.7	8.1	302	2.31	83.5	3.0	6.4	3.5	13	0.2	3.9	2.6	43	0.15	0.072

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000178.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031336	Soil		18	24	0.50	235	0.049	4	2.56	0.063	0.07	0.5	0.03	2.6	0.3	<0.05	6	<0.5	<0.2
1079491	Soil		16	29	0.54	315	0.050	3	1.76	0.054	0.05	0.4	0.05	2.9	0.1	<0.05	5	<0.5	<0.2
1031337	Soil		12	21	0.35	105	0.040	2	1.43	0.005	0.05	0.3	0.04	1.9	0.2	<0.05	4	<0.5	<0.2
1031338	Soil		25	31	0.54	250	0.061	2	1.46	0.014	0.09	0.4	0.03	4.2	0.1	<0.05	5	<0.5	<0.2
1031339	Soil		12	32	0.54	196	0.066	3	2.13	0.013	0.10	0.2	0.05	2.4	0.2	0.05	6	<0.5	<0.2
1031341	Soil		16	24	0.46	222	0.029	4	2.14	0.079	0.04	0.3	0.05	1.9	0.1	0.12	6	0.6	<0.2
1031342	Soil		24	26	0.63	223	0.037	6	1.93	0.073	0.05	0.4	0.04	2.8	0.1	0.07	6	0.8	<0.2
1031343	Soil		19	27	0.41	237	0.027	3	1.68	0.054	0.04	0.3	0.06	3.1	0.1	0.12	5	0.6	<0.2
1031340	Soil		17	25	0.52	193	0.037	4	2.09	0.078	0.07	0.4	0.05	2.6	0.1	0.09	6	0.7	<0.2
1031344	Soil		17	22	0.38	248	0.044	3	1.59	0.060	0.05	0.7	0.05	2.3	0.1	0.06	5	<0.5	<0.2
1031345	Soil		20	30	0.48	276	0.039	3	2.07	0.038	0.05	0.5	0.06	2.9	0.2	0.12	6	0.5	<0.2
1079490	Soil		19	29	0.52	355	0.056	2	1.96	0.058	0.05	0.4	0.05	3.3	0.1	<0.05	6	0.6	<0.2
1031332	Soil		20	24	0.44	212	0.037	5	1.74	0.019	0.06	1.8	0.06	2.4	0.2	<0.05	6	0.8	<0.2
1031346	Soil		21	26	0.46	241	0.039	5	2.38	0.051	0.05	0.5	0.05	2.0	0.1	0.11	7	0.7	<0.2
1079488	Soil		16	24	0.44	271	0.033	3	1.61	0.011	0.05	0.3	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1079489	Soil		18	22	0.44	286	0.026	2	1.77	0.011	0.04	0.3	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1079486	Soil		15	25	0.44	260	0.022	4	1.95	0.017	0.04	0.3	0.05	1.7	0.1	0.07	6	<0.5	<0.2
1079487	Soil		14	24	0.43	260	0.026	2	1.82	0.011	0.05	0.3	0.03	1.8	0.1	<0.05	6	0.5	<0.2
1079484	Soil		13	24	0.43	174	0.016	2	1.62	0.008	0.05	0.3	0.03	1.0	0.1	0.06	6	<0.5	<0.2
1079482	Soil		18	27	0.54	201	0.051	2	1.63	0.010	0.08	0.5	0.03	2.9	0.2	<0.05	5	<0.5	<0.2
1079485	Soil		15	23	0.40	240	0.017	3	1.84	0.016	0.05	0.2	0.03	1.7	0.1	<0.05	5	<0.5	<0.2
1079483	Soil		15	25	0.45	201	0.020	2	1.76	0.009	0.04	0.3	0.03	1.4	0.1	<0.05	5	0.5	<0.2
1031347	Soil		20	26	0.48	226	0.042	3	1.82	0.040	0.05	0.9	0.05	2.5	0.1	0.06	6	0.7	<0.2
1079481	Soil		19	25	0.57	182	0.029	3	1.59	0.034	0.05	0.4	0.06	3.2	0.1	<0.05	5	0.6	<0.2
1031348	Soil		21	25	0.49	269	0.041	5	1.84	0.065	0.05	0.5	0.06	2.4	0.1	0.11	6	0.9	<0.2
1031350	Soil		26	33	0.72	233	0.028	3	2.06	0.043	0.07	0.5	0.39	4.8	0.1	0.06	7	<0.5	<0.2
1031349	Soil		20	30	0.59	276	0.034	4	2.13	0.073	0.07	0.2	0.05	2.5	0.2	0.12	7	0.6	<0.2
1151682	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1050875	Soil		15	21	0.34	115	0.029	3	1.53	0.006	0.03	0.3	0.04	1.9	0.1	<0.05	4	<0.5	<0.2
1050874	Soil		21	24	0.37	123	0.034	<1	1.38	0.006	0.04	0.6	0.07	2.4	0.1	<0.05	5	0.6	<0.2

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Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000178.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1050876	Soil		0.8	39.6	16.0	72	0.2	21.1	7.7	333	2.37	22.7	1.0	9.0	2.9	28	0.3	1.8	5.0	42	0.36	0.071
1050872	Soil		1.2	35.4	10.5	81	0.1	23.5	8.9	361	2.26	127.4	2.6	7.5	5.7	25	0.5	2.0	2.6	42	0.29	0.095
1151683	Soil		3.1	88.8	12.8	84	<0.1	35.8	10.1	216	2.80	189.8	2.8	10.1	3.6	25	0.4	1.6	2.1	74	0.34	0.124
1050877	Soil		0.8	39.6	16.2	73	0.2	20.6	7.7	326	2.36	21.7	1.0	11.6	2.5	28	0.3	1.9	5.3	41	0.38	0.073
1050873	Soil		1.1	36.3	10.6	69	0.1	22.1	8.3	345	2.27	77.5	2.3	13.6	6.5	19	0.3	2.3	2.4	40	0.24	0.092
1050869	Soil		1.7	87.3	12.2	84	0.2	30.3	11.1	397	2.51	217.7	4.4	29.4	6.7	36	0.6	2.1	4.5	54	0.33	0.109
1151681	Soil		2.1	158.3	15.2	79	0.4	32.7	10.3	386	2.62	156.9	3.5	63.1	7.5	53	0.4	2.3	9.5	44	0.66	0.123
1050871	Soil		1.1	53.1	12.3	80	0.2	24.5	9.7	372	2.24	222.4	4.1	24.6	6.4	30	0.3	1.7	5.4	36	0.33	0.090
1050879	Soil		0.9	74.9	29.6	81	0.6	22.6	8.3	372	2.17	28.0	0.8	7.9	4.4	35	0.9	1.4	6.4	36	0.61	0.084
1151669	Soil		1.8	55.8	13.2	56	0.1	22.5	9.8	331	3.17	166.2	2.3	8.3	7.2	21	0.3	6.8	1.3	37	0.09	0.055
1151670	Soil		1.3	58.4	18.1	64	0.4	27.2	11.6	343	3.20	225.2	2.8	8.4	5.1	18	0.3	10.3	2.1	35	0.12	0.068
1151678	Soil		1.1	19.3	33.8	69	0.2	15.1	8.1	655	1.57	74.4	2.4	5.2	6.6	135	0.8	1.7	1.6	25	1.58	0.085
1151680	Soil		1.1	24.1	14.4	53	0.2	14.5	5.3	232	2.02	38.7	1.1	9.9	1.5	23	0.4	0.9	0.7	53	0.33	0.093
1151676	Soil		0.9	18.8	24.9	86	0.1	18.7	10.1	634	2.30	43.7	1.0	5.3	2.6	35	0.4	1.0	2.1	43	0.43	0.112
1151673	Soil		1.1	41.2	31.9	69	0.3	20.6	9.1	454	2.98	196.4	2.5	16.9	4.7	50	0.4	25.8	2.3	30	0.88	0.096
1151672	Soil		1.2	64.8	27.3	68	0.5	24.8	9.4	287	2.60	408.8	3.3	12.6	4.7	35	0.5	24.3	4.3	39	0.33	0.077
1151679	Soil		1.1	19.4	21.2	112	0.1	24.4	9.8	416	2.49	15.2	0.8	8.9	1.3	31	0.6	1.0	0.6	41	0.60	0.104
1151677	Soil		0.9	46.2	34.4	92	0.3	23.2	11.9	796	2.21	36.3	6.1	16.2	4.5	82	1.1	0.8	2.2	36	1.61	0.106
1151675	Soil		0.7	13.0	46.9	47	0.2	14.3	8.0	395	1.54	30.8	1.0	6.7	1.8	81	0.8	1.3	1.4	24	2.24	0.102
1151674	Soil		0.6	30.4	17.9	60	0.3	22.8	10.7	377	2.68	163.0	2.1	9.0	4.2	65	0.4	9.9	2.0	36	1.29	0.076
1151671	Soil		1.2	45.0	14.3	71	0.2	46.4	14.1	296	3.12	110.1	1.6	3.8	5.3	20	0.2	8.0	1.4	42	0.16	0.062
1050884	Soil		0.8	20.9	15.7	79	0.1	20.0	8.2	298	2.48	13.4	2.5	4.2	8.9	32	0.5	1.0	0.4	44	0.34	0.088
1050880	Soil		0.7	104.6	42.1	79	1.1	20.8	7.7	368	2.03	19.8	1.1	16.8	3.9	76	1.2	1.1	18.8	32	1.23	0.078
1050885	Soil		0.9	121.8	84.5	147	0.9	25.8	12.9	501	2.45	12.7	3.5	9.2	7.8	77	2.0	1.0	3.5	31	1.53	0.099
1050881	Soil		0.7	39.4	36.6	64	0.5	23.1	9.2	369	2.18	13.5	0.9	11.5	3.0	45	0.7	1.8	3.9	32	1.11	0.059
1050883	Soil		0.9	22.1	16.4	78	0.1	20.1	8.1	314	2.55	13.1	2.6	10.2	9.3	33	0.5	1.0	0.4	43	0.34	0.087
1050878	Soil		0.8	76.2	28.7	80	0.6	23.9	8.3	360	2.15	27.4	0.8	8.8	4.5	36	0.8	1.4	6.1	37	0.60	0.076
1050882	Soil		0.7	38.9	37.3	60	0.5	22.4	9.1	389	2.14	12.7	0.9	6.6	2.9	51	0.8	1.9	3.9	31	1.18	0.058
1095349	Soil		1.2	25.2	12.0	64	<0.1	18.8	6.6	244	2.61	20.4	1.0	12.8	2.4	11	0.2	0.9	0.6	65	0.11	0.047
1079903	Soil		1.2	42.1	13.8	82	0.2	24.4	9.7	477	2.50	118.9	2.9	61.3	6.9	52	0.6	2.2	5.2	45	0.47	0.090

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1050876	Soil	18	27	0.48	253	0.031	1	1.81	0.010	0.05	0.3	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1050872	Soil	23	24	0.43	189	0.059	2	1.51	0.012	0.07	1.0	0.05	2.3	0.2	<0.05	5	0.7	<0.2
1151683	Soil	20	33	0.47	176	0.052	2	1.89	0.010	0.07	1.1	0.05	2.4	0.2	<0.05	6	1.4	<0.2
1050877	Soil	18	26	0.47	261	0.032	2	1.79	0.011	0.05	0.3	0.03	2.4	0.2	<0.05	6	0.6	<0.2
1050873	Soil	20	22	0.35	126	0.046	2	1.30	0.007	0.04	1.4	0.04	2.1	0.1	<0.05	4	0.7	<0.2
1050869	Soil	24	25	0.42	214	0.055	2	1.58	0.013	0.07	1.6	0.03	2.5	0.2	<0.05	5	1.0	<0.2
1151681	Soil	22	24	0.33	251	0.038	4	1.71	0.044	0.04	2.1	0.07	2.4	<0.1	<0.05	5	1.5	0.2
1050871	Soil	23	20	0.34	196	0.038	3	1.57	0.014	0.05	1.1	0.06	2.3	<0.1	<0.05	4	<0.5	<0.2
1050879	Soil	19	22	0.46	234	0.028	3	1.58	0.027	0.06	0.3	0.05	3.0	0.1	<0.05	4	<0.5	<0.2
1151669	Soil	21	24	0.38	160	0.042	1	1.38	0.012	0.20	1.4	0.04	2.2	0.3	0.11	4	<0.5	<0.2
1151670	Soil	23	27	0.40	158	0.024	<1	1.51	0.006	0.13	1.2	0.06	2.2	0.3	<0.05	5	0.5	<0.2
1151678	Soil	25	18	0.25	213	0.034	8	3.03	0.166	0.08	4.3	0.05	1.7	<0.1	<0.05	8	<0.5	<0.2
1151680	Soil	15	26	0.29	146	0.038	2	1.63	0.012	0.04	1.3	0.09	1.8	0.1	0.08	7	<0.5	<0.2
1151676	Soil	17	30	0.43	180	0.042	2	2.87	0.053	0.05	0.6	0.03	2.3	0.2	<0.05	9	<0.5	<0.2
1151673	Soil	26	23	0.32	236	0.014	2	1.51	0.034	0.06	0.7	0.06	3.8	0.2	0.07	4	<0.5	<0.2
1151672	Soil	24	29	0.49	243	0.028	1	2.04	0.011	0.07	0.3	0.07	3.0	0.2	<0.05	6	0.7	<0.2
1151679	Soil	12	26	0.42	210	0.020	3	2.32	0.017	0.04	0.5	0.07	2.1	0.1	0.06	6	<0.5	<0.2
1151677	Soil	33	25	0.47	231	0.034	5	2.44	0.099	0.06	1.5	0.08	2.6	0.1	0.06	7	1.0	<0.2
1151675	Soil	15	22	0.27	143	0.026	4	2.42	0.108	0.05	0.4	0.06	1.4	0.1	0.12	7	<0.5	<0.2
1151674	Soil	23	27	0.61	236	0.051	2	2.02	0.076	0.07	0.6	0.07	2.9	0.1	<0.05	6	<0.5	<0.2
1151671	Soil	17	54	0.57	157	0.041	<1	1.72	0.010	0.12	0.2	0.05	2.7	0.3	<0.05	5	<0.5	<0.2
1050884	Soil	33	26	0.59	270	0.049	2	2.01	0.010	0.06	0.5	0.05	3.1	0.2	<0.05	6	<0.5	<0.2
1050880	Soil	21	24	0.62	185	0.030	2	1.88	0.060	0.05	0.4	0.06	2.8	<0.1	0.06	5	<0.5	0.3
1050885	Soil	34	27	0.90	155	0.051	30	1.74	0.020	0.08	0.7	0.07	2.8	0.2	<0.05	6	<0.5	<0.2
1050881	Soil	20	22	0.43	232	0.022	9	1.94	0.055	0.05	0.3	0.06	2.2	<0.1	0.06	5	<0.5	<0.2
1050883	Soil	33	25	0.58	271	0.049	1	2.08	0.010	0.06	0.6	0.04	3.1	0.2	<0.05	6	<0.5	<0.2
1050878	Soil	20	23	0.46	229	0.038	2	1.57	0.029	0.06	0.4	0.04	3.1	0.1	<0.05	5	<0.5	0.2
1050882	Soil	21	21	0.41	222	0.023	13	2.01	0.059	0.05	0.4	0.05	2.3	<0.1	<0.05	5	<0.5	<0.2
1095349	Soil	13	30	0.43	116	0.057	1	2.08	0.007	0.05	0.4	0.06	2.5	0.2	<0.05	7	<0.5	<0.2
1079903	Soil	27	25	0.43	271	0.042	<1	1.73	0.019	0.06	1.2	0.05	3.4	0.1	<0.05	5	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000178.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1095350	Soil	1.0	42.4	13.6	82	0.2	25.2	9.2	487	2.24	60.5	2.5	72.3	5.2	31	0.4	1.4	3.3	45	0.45	0.107
1079904	Soil	1.6	31.5	13.0	87	<0.1	23.4	9.3	385	2.57	60.0	4.0	9.3	3.7	21	0.3	1.6	1.5	50	0.29	0.092
1079902	Soil	1.0	42.8	11.8	72	0.1	22.4	8.9	394	2.41	312.5	2.3	27.8	5.0	35	0.4	2.1	4.9	40	0.35	0.087
1079906	Soil	1.4	21.8	12.4	62	<0.1	17.0	7.4	369	2.59	64.5	1.8	6.6	1.6	10	0.1	1.2	1.2	49	0.10	0.063
1079901	Soil	1.4	32.9	13.2	81	0.2	28.8	10.4	544	2.52	61.3	2.2	16.2	6.9	26	0.6	1.8	1.9	47	0.36	0.104
1079905	Soil	1.4	21.1	12.4	63	<0.1	17.5	7.3	370	2.66	65.0	1.7	7.3	1.4	11	<0.1	1.2	1.3	51	0.11	0.066
1079907	Soil	1.0	17.4	10.5	62	0.1	14.5	5.9	595	2.19	32.3	1.1	30.7	0.9	13	0.1	2.9	1.5	35	0.17	0.081
1079908	Soil	0.4	50.9	23.0	67	0.2	21.8	10.8	325	3.29	91.6	1.8	18.3	4.5	36	0.3	3.5	7.3	41	0.70	0.073
1079909	Soil	0.6	41.2	27.2	67	0.4	20.0	7.5	358	2.03	41.0	1.0	23.0	3.6	74	1.0	4.2	4.4	32	1.57	0.086
1079910	Soil	0.7	22.2	31.4	54	0.3	16.0	7.0	341	2.03	50.0	0.8	11.3	1.8	55	0.7	2.9	2.9	33	1.56	0.079
1079913	Soil	0.6	27.4	14.1	104	0.2	16.6	8.3	401	2.42	63.0	1.5	8.5	18.6	67	1.8	0.8	1.0	42	0.60	0.103
1079911	Soil	0.9	95.1	31.5	63	0.6	27.1	10.9	370	2.32	22.2	1.0	11.7	3.6	30	0.3	0.9	4.2	37	0.42	0.052
1079912	Soil	1.0	49.2	77.7	133	0.3	22.3	10.3	507	2.36	21.1	4.0	9.7	9.1	56	2.2	1.4	2.5	46	0.73	0.097
1095342	Soil	0.5	30.0	17.8	71	0.2	27.3	12.2	380	2.61	143.7	1.4	9.5	4.8	61	0.3	2.0	2.5	45	0.94	0.070
1095344	Soil	1.0	23.0	18.4	64	0.2	19.5	10.6	403	2.60	118.4	1.7	15.3	4.3	34	0.4	1.0	8.3	46	0.62	0.049
1095340	Soil	0.9	35.6	16.1	64	0.2	25.2	10.7	284	2.58	120.5	1.4	4.1	7.8	59	0.5	9.0	2.1	43	0.71	0.096
1095346	Soil	0.6	30.3	22.7	94	0.2	23.8	10.7	401	2.32	19.8	1.6	43.6	5.5	46	0.9	2.1	1.8	45	0.82	0.075
1095348	Soil	2.0	118.9	13.9	104	0.2	38.4	13.0	533	2.77	83.1	5.8	41.8	7.9	64	0.7	2.4	2.9	56	0.57	0.113
1095347	Soil	0.8	44.3	29.2	99	0.3	24.4	10.5	566	2.36	105.0	2.7	23.1	2.5	54	0.8	2.0	7.2	42	1.12	0.112
1095345	Soil	0.8	27.8	30.0	73	0.3	21.5	11.9	595	2.21	42.7	4.6	92.1	2.6	56	1.1	1.0	4.1	38	1.87	0.097
1095343	Soil	0.6	29.1	29.4	72	0.2	26.2	11.3	509	2.21	47.5	1.5	26.3	3.3	74	0.7	1.3	2.2	38	1.07	0.090
1095339	Soil	1.2	95.0	34.1	69	0.7	26.6	10.1	226	3.19	643.9	3.5	15.9	4.8	47	0.4	33.1	13.7	47	0.49	0.102
1095341	Soil	0.8	22.3	10.9	55	0.2	18.2	8.4	344	2.41	60.9	1.0	13.4	2.3	38	0.6	1.8	2.6	48	0.68	0.085
1095338	Soil	1.3	53.6	15.6	76	0.2	34.2	15.5	347	3.55	99.0	2.6	3.5	8.0	26	0.2	5.7	1.1	43	0.17	0.060
1095337	Soil	1.7	61.1	20.1	79	0.2	32.0	19.3	500	3.66	177.3	3.0	5.5	5.2	29	0.3	24.4	1.5	39	0.09	0.071
1147943	Soil	0.4	19.1	11.1	67	0.1	22.8	10.6	340	2.43	49.9	3.2	7.6	4.5	61	0.3	1.0	0.2	45	0.84	0.073
1147945	Soil	0.7	20.9	10.8	64	<0.1	24.2	10.9	394	2.47	16.3	0.6	2.0	7.1	149	0.3	1.1	0.2	50	2.54	0.085
1147944	Soil	0.4	16.2	12.3	59	<0.1	22.7	10.6	459	2.71	15.3	0.7	2.1	9.3	236	0.2	0.7	0.2	55	3.87	0.084
1147946	Soil	0.6	20.7	10.8	62	<0.1	25.1	10.8	395	2.50	14.9	0.7	3.2	7.0	146	0.2	1.0	0.2	49	2.48	0.087
1147947	Soil	0.5	17.5	11.4	61	<0.1	23.9	11.0	468	2.75	7.8	0.7	1.2	7.5	209	0.3	0.7	0.2	54	3.18	0.079

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Project: MAH
Report Date: August 29, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1095350	Soil		25	25	0.37	224	0.041	2	2.06	0.024	0.05	1.2	0.07	2.5	<0.1	<0.05	6	<0.5	<0.2
1079904	Soil		27	28	0.38	270	0.030	<1	2.00	0.011	0.05	0.3	0.05	3.2	0.1	<0.05	6	<0.5	<0.2
1079902	Soil		20	23	0.39	190	0.033	1	1.59	0.013	0.05	0.8	0.05	2.6	<0.1	<0.05	5	<0.5	<0.2
1079906	Soil		15	27	0.47	105	0.026	<1	1.71	0.006	0.04	0.4	0.05	1.9	0.1	<0.05	5	<0.5	<0.2
1079901	Soil		24	26	0.41	247	0.044	1	1.62	0.012	0.06	1.2	0.06	2.7	0.1	<0.05	5	<0.5	<0.2
1079905	Soil		16	27	0.46	108	0.030	<1	1.77	0.006	0.05	0.3	0.05	2.1	0.1	<0.05	5	<0.5	<0.2
1079907	Soil		13	23	0.32	102	0.016	<1	1.51	0.005	0.04	0.3	0.05	1.3	0.1	<0.05	5	<0.5	<0.2
1079908	Soil		17	27	0.43	211	0.028	1	1.66	0.028	0.04	0.4	0.05	3.3	<0.1	<0.05	5	<0.5	<0.2
1079909	Soil		23	27	0.63	218	0.029	4	1.73	0.074	0.06	0.3	0.06	2.9	<0.1	0.07	5	<0.5	0.2
1079910	Soil		15	23	0.37	267	0.019	2	1.71	0.053	0.05	0.4	0.06	2.0	0.1	0.08	6	<0.5	<0.2
1079913	Soil		47	27	0.63	243	0.067	<1	2.00	0.010	0.11	0.6	0.03	4.6	0.3	<0.05	7	<0.5	<0.2
1079911	Soil		20	22	0.38	172	0.027	<1	1.77	0.024	0.05	0.4	0.04	2.4	<0.1	<0.05	5	<0.5	<0.2
1079912	Soil		27	29	0.54	191	0.063	3	1.72	0.025	0.08	0.8	0.05	3.8	0.2	<0.05	6	<0.5	<0.2
1095342	Soil		17	38	0.73	207	0.079	2	2.74	0.102	0.07	0.5	0.04	3.7	0.2	0.05	8	<0.5	<0.2
1095344	Soil		16	27	0.44	214	0.035	2	2.09	0.021	0.05	0.5	0.04	2.5	0.2	<0.05	6	<0.5	<0.2
1095340	Soil		22	29	0.47	226	0.057	2	1.79	0.066	0.10	0.9	0.04	3.4	0.2	<0.05	5	<0.5	<0.2
1095346	Soil		18	30	0.58	212	0.075	4	2.01	0.038	0.07	1.3	0.09	2.9	0.2	<0.05	6	<0.5	<0.2
1095348	Soil		21	31	0.42	268	0.076	3	1.88	0.020	0.06	1.1	0.05	3.5	0.1	<0.05	6	<0.5	<0.2
1095347	Soil		17	29	0.44	244	0.029	3	2.22	0.051	0.05	0.6	0.10	2.5	0.1	0.08	7	0.5	<0.2
1095345	Soil		25	29	0.47	206	0.042	4	2.41	0.054	0.04	0.6	0.08	2.3	0.1	0.12	7	0.6	<0.2
1095343	Soil		18	27	0.46	176	0.035	2	2.34	0.102	0.05	0.8	0.04	2.3	0.2	0.06	7	<0.5	<0.2
1095339	Soil		21	31	0.51	229	0.036	2	2.19	0.013	0.08	0.4	0.05	3.7	0.3	<0.05	7	0.8	<0.2
1095341	Soil		13	39	0.65	204	0.085	2	1.98	0.035	0.06	0.5	0.10	3.0	0.2	0.11	9	<0.5	<0.2
1095338	Soil		20	42	0.62	176	0.074	<1	2.10	0.011	0.32	0.3	0.04	3.3	0.5	<0.05	6	0.6	<0.2
1095337	Soil		23	27	0.38	106	0.025	2	1.42	0.007	0.10	0.8	0.05	3.1	0.5	<0.05	4	0.6	<0.2
1147943	Soil		14	32	0.67	175	0.057	<1	1.93	0.062	0.06	0.3	0.06	3.4	0.1	<0.05	6	0.5	<0.2
1147945	Soil		15	40	1.02	302	0.109	<1	2.68	0.159	0.31	0.2	0.03	4.8	0.2	<0.05	8	<0.5	<0.2
1147944	Soil		17	53	1.46	329	0.155	1	4.01	0.354	0.54	0.2	0.02	6.5	0.3	<0.05	12	<0.5	<0.2
1147946	Soil		15	40	1.00	289	0.109	1	2.63	0.158	0.30	0.2	0.03	4.8	0.2	<0.05	8	<0.5	<0.2
1147947	Soil		18	48	1.22	285	0.145	1	3.51	0.223	0.35	0.2	0.04	6.0	0.2	<0.05	10	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1147949	Soil		1.4	45.1	9.2	75	0.1	26.2	10.1	314	2.15	15.4	1.0	3.7	2.2	16	0.3	1.7	0.2	51	0.20	0.073
1147948	Soil		0.6	21.4	11.2	66	0.1	23.9	9.6	384	2.47	10.1	0.9	4.1	7.4	119	0.4	2.1	0.2	49	2.67	0.089
1147941	Soil		0.6	18.4	10.4	61	0.1	20.0	10.3	461	1.94	41.3	3.3	4.1	2.2	57	0.4	1.2	0.4	37	1.08	0.079
1147940	Soil		0.6	32.4	16.5	66	0.2	21.2	9.2	488	1.89	26.4	2.0	13.6	2.6	119	0.6	1.8	0.4	45	1.92	0.082
1147939	Soil		0.6	23.5	18.8	58	0.2	21.3	9.9	525	1.70	101.3	1.7	7.4	1.9	105	0.5	1.6	0.8	31	2.10	0.087
1147942	Soil		0.4	18.0	10.7	64	0.1	22.0	10.4	400	2.24	76.2	3.7	2.3	3.5	90	0.2	1.1	0.2	44	1.22	0.070
1147959	Soil		6.2	123.6	21.2	294	1.0	53.9	15.9	338	4.28	47.5	4.2	9.9	8.8	58	2.1	9.1	0.7	136	0.57	0.129
1147955	Soil		0.7	29.8	10.8	65	<0.1	25.3	10.2	354	2.44	54.9	0.8	4.4	5.4	37	0.2	7.1	0.6	48	0.35	0.080
1147937	Soil		0.7	34.4	15.3	63	0.2	19.9	9.4	420	1.75	91.2	1.3	24.7	2.2	95	0.6	1.4	0.7	33	1.81	0.096
1147938	Soil		0.6	22.5	11.5	57	0.1	19.0	8.8	368	1.71	80.8	1.3	15.9	2.4	83	0.4	1.4	0.6	35	1.61	0.067
1147957	Soil		0.8	44.4	14.2	73	0.2	25.7	11.4	368	2.78	147.5	1.5	14.4	8.9	39	0.3	11.7	1.8	53	0.46	0.083
1147958	Soil		0.9	25.7	11.2	62	0.1	21.0	8.4	248	2.28	75.2	1.1	4.6	3.0	28	0.2	6.9	1.1	46	0.35	0.067
1147956	Soil		0.8	39.0	10.3	51	<0.1	18.7	9.1	235	2.31	168.1	1.3	8.6	5.0	19	0.3	14.1	2.5	44	0.24	0.070
1147954	Soil		0.7	27.2	11.8	71	0.1	27.3	10.9	364	2.46	17.4	0.7	2.6	5.3	50	0.3	1.4	0.2	49	0.49	0.072
1147953	Soil		0.9	18.9	16.1	71	<0.1	26.5	11.5	385	2.83	15.1	1.0	1.8	6.1	51	0.2	1.2	0.2	55	0.45	0.083
1147950	Soil		2.5	69.3	11.6	79	<0.1	30.8	10.7	256	2.79	24.7	1.6	5.0	3.3	26	0.3	2.5	0.4	69	0.19	0.067
1147951	Soil		1.9	67.8	30.5	137	0.2	33.5	18.7	486	3.55	16.0	1.8	6.2	10.4	82	0.6	2.7	0.4	83	0.66	0.146
1147952	Soil		0.6	25.6	14.0	76	0.1	24.6	10.9	336	2.47	16.0	0.8	2.0	4.2	81	0.3	1.5	0.3	54	0.67	0.079
1147936	Soil		0.6	29.8	13.0	60	0.2	17.0	8.1	418	1.87	79.8	1.0	28.6	2.5	109	0.6	2.0	0.8	32	1.93	0.103
1147935	Soil		0.7	25.6	17.7	55	0.3	17.2	7.5	466	1.69	29.7	0.9	20.0	2.2	96	0.5	1.6	0.7	29	2.10	0.090
1147934	Soil		0.5	29.1	14.7	60	0.2	15.7	7.4	562	1.50	20.5	0.8	6.5	1.5	93	0.5	1.3	1.1	25	2.39	0.100
1147933	Soil		0.7	26.3	15.3	52	0.2	16.6	7.6	411	1.79	27.5	0.7	12.8	1.7	62	0.4	1.0	1.8	30	1.15	0.093
1147932	Soil		0.5	64.7	13.9	51	0.5	16.9	8.0	287	1.77	83.8	1.3	26.5	2.4	51	0.4	1.0	1.2	33	0.78	0.063
1147931	Soil		0.7	19.6	14.6	57	0.2	16.8	7.8	259	2.01	39.5	1.0	11.8	4.9	68	0.4	1.2	0.7	39	0.81	0.059
1047468	Soil		0.7	200.1	14.6	82	2.0	19.7	7.3	520	2.31	457.3	2.0	391.3	6.1	32	0.6	11.6	18.3	35	0.60	0.067
1047465	Soil		1.4	102.7	12.9	53	0.5	15.3	6.8	296	2.42	190.0	3.9	5.4	4.0	12	<0.1	7.6	1.8	45	0.16	0.070
1047464	Soil		1.2	40.5	10.7	60	0.2	16.4	7.5	239	2.01	31.7	4.9	3.1	7.0	18	0.1	1.5	1.0	42	0.19	0.068
1047466	Soil		1.8	98.5	26.2	78	0.9	22.4	9.6	588	3.62	180.5	6.5	5.9	8.5	20	0.6	24.6	3.8	55	0.25	0.110
1047463	Soil		1.3	60.9	11.1	63	0.4	18.4	8.4	415	2.14	192.2	3.3	8.7	8.4	54	0.3	2.5	2.9	40	0.29	0.080
1047467	Soil		0.8	128.5	13.8	75	0.7	19.7	8.3	295	2.80	553.6	1.5	137.2	6.0	28	0.3	6.9	6.9	44	0.56	0.064

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000178.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1147949	Soil		12	27	0.42	163	0.037	<1	1.32	0.006	0.05	0.3	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1147948	Soil		18	41	1.06	262	0.106	1	2.32	0.151	0.25	0.3	0.04	5.0	0.2	<0.05	7	<0.5	<0.2
1147941	Soil		14	27	0.45	255	0.034	1	1.77	0.047	0.04	0.4	0.06	2.2	0.1	0.08	5	<0.5	<0.2
1147940	Soil		13	36	0.82	269	0.070	2	2.25	0.129	0.11	0.3	0.04	2.7	0.3	0.13	7	0.6	<0.2
1147939	Soil		14	28	0.46	210	0.037	5	1.96	0.106	0.05	0.3	0.06	1.8	0.1	0.13	6	0.6	<0.2
1147942	Soil		16	35	0.75	211	0.066	1	2.38	0.110	0.10	0.3	0.04	3.3	0.1	<0.05	7	<0.5	<0.2
1147959	Soil		28	57	2.21	287	0.073	1	2.81	0.008	0.59	0.2	0.02	6.1	0.8	0.22	11	2.1	<0.2
1147955	Soil		19	34	0.67	248	0.078	<1	1.86	0.012	0.07	0.4	0.03	3.9	0.2	<0.05	6	<0.5	<0.2
1147937	Soil		15	25	0.42	250	0.031	5	1.80	0.073	0.06	0.5	0.07	1.9	0.1	0.10	5	<0.5	<0.2
1147938	Soil		14	25	0.39	186	0.038	3	1.78	0.091	0.05	0.9	0.10	1.7	0.1	0.08	5	0.7	<0.2
1147957	Soil		21	44	0.89	285	0.106	<1	2.23	0.018	0.22	0.7	0.03	4.9	0.3	<0.05	7	<0.5	<0.2
1147958	Soil		15	32	0.55	201	0.055	<1	1.78	0.008	0.08	0.4	0.03	2.5	0.2	<0.05	6	<0.5	<0.2
1147956	Soil		17	31	0.47	157	0.067	2	1.71	0.007	0.11	0.7	0.03	2.6	0.3	<0.05	5	<0.5	<0.2
1147954	Soil		18	36	0.69	261	0.069	1	1.87	0.030	0.08	0.3	0.04	4.2	0.1	<0.05	6	<0.5	<0.2
1147953	Soil		19	43	0.83	258	0.083	1	2.81	0.024	0.11	0.2	0.03	4.8	0.2	<0.05	8	<0.5	<0.2
1147950	Soil		13	35	0.58	194	0.046	1	1.97	0.008	0.08	0.2	0.03	2.8	0.3	<0.05	5	0.8	<0.2
1147951	Soil		24	45	1.06	457	0.144	2	2.31	0.019	0.32	0.3	0.02	4.2	0.6	<0.05	8	<0.5	<0.2
1147952	Soil		19	43	0.83	246	0.075	<1	2.34	0.057	0.10	0.1	0.03	4.2	0.2	<0.05	7	<0.5	<0.2
1147936	Soil		16	25	0.59	208	0.031	3	1.91	0.095	0.07	1.2	0.07	2.0	0.2	0.11	5	<0.5	<0.2
1147935	Soil		14	29	0.51	214	0.030	4	1.77	0.077	0.06	0.7	0.09	1.9	0.1	0.14	5	0.9	<0.2
1147934	Soil		13	26	0.46	195	0.022	4	1.78	0.073	0.05	0.2	0.07	1.4	0.2	0.17	5	0.9	<0.2
1147933	Soil		15	21	0.36	179	0.026	3	2.01	0.046	0.04	0.5	0.05	1.6	<0.1	0.10	5	0.6	<0.2
1147932	Soil		15	28	0.42	167	0.034	1	1.70	0.047	0.05	0.8	0.05	1.8	0.1	0.07	5	<0.5	<0.2
1147931	Soil		17	34	0.53	164	0.059	2	1.53	0.067	0.07	1.4	0.09	2.5	0.1	<0.05	4	<0.5	<0.2
1047468	Soil		23	25	0.62	401	0.024	2	1.49	0.014	0.07	0.5	0.04	3.4	0.2	<0.05	4	0.7	0.6
1047465	Soil		22	27	0.48	152	0.034	<1	1.33	0.006	0.06	0.9	0.03	2.9	0.2	<0.05	5	<0.5	<0.2
1047464	Soil		25	27	0.50	163	0.056	<1	1.31	0.009	0.07	1.3	0.03	2.9	0.2	<0.05	4	<0.5	<0.2
1047466	Soil		33	31	0.51	193	0.045	<1	1.36	0.006	0.07	2.2	0.08	4.4	0.2	<0.05	4	0.9	<0.2
1047463	Soil		25	26	0.55	221	0.071	<1	1.16	0.010	0.09	3.4	0.03	2.3	0.2	<0.05	4	<0.5	<0.2
1047467	Soil		17	28	0.70	306	0.033	<1	1.60	0.022	0.07	0.3	0.05	3.3	0.2	<0.05	6	0.6	<0.2

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Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000178.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1047461	Soil	0.9	26.8	7.9	51	0.2	16.8	7.1	316	1.88	178.9	1.9	3.7	7.1	19	0.3	1.6	0.9	35	0.22	0.078
1047462	Soil	0.8	36.8	9.5	56	0.1	16.3	7.4	299	2.00	215.5	2.9	4.1	5.5	26	0.2	2.1	1.5	37	0.19	0.062
1047459	Soil	1.0	35.1	8.5	48	<0.1	17.6	7.7	317	1.95	59.2	3.4	6.8	4.6	14	0.2	3.0	0.4	34	0.15	0.055
1047460	Soil	1.5	23.6	10.3	50	0.2	12.3	6.3	342	2.16	211.5	4.3	3.6	1.6	15	<0.1	3.3	0.9	43	0.12	0.059
1047458	Soil	1.5	17.6	10.2	49	0.1	13.1	6.8	350	2.24	93.3	3.7	<0.5	2.8	15	<0.1	2.4	0.5	43	0.17	0.055
1058747	Soil	1.2	30.0	13.9	56	0.3	14.8	7.0	356	2.05	94.0	2.6	2.3	7.5	26	0.2	3.9	1.3	41	0.24	0.067
1050743	Soil	1.4	24.4	11.5	56	0.2	15.9	7.8	434	2.22	271.6	3.7	5.1	6.8	17	0.2	4.5	2.0	39	0.20	0.061
1050740	Soil	2.6	18.0	10.6	48	0.1	14.0	7.0	341	2.06	68.4	3.4	0.9	3.4	20	0.1	1.7	0.9	42	0.21	0.061
1047457	Soil	2.9	29.2	12.8	56	0.3	15.8	9.1	492	2.49	203.6	6.6	1.4	4.0	17	0.2	4.7	1.1	48	0.18	0.061
1058749	Soil	1.5	44.9	11.9	54	0.4	12.7	4.9	297	2.04	179.0	4.1	3.9	3.4	28	0.2	5.5	2.7	38	0.32	0.061
1058750	Soil	2.5	69.5	29.9	63	0.5	20.4	9.1	450	3.01	93.6	5.3	1.4	9.2	15	0.7	6.0	3.5	43	0.18	0.071
1050736	Soil	1.2	31.9	10.9	56	0.1	16.7	7.9	343	2.28	50.8	3.3	10.9	8.9	16	0.1	1.9	1.3	45	0.19	0.064
1047469	Soil	0.9	171.9	13.9	76	1.7	21.4	7.2	370	2.48	484.0	1.9	1022	3.9	36	0.4	7.6	36.9	47	0.61	0.072
1047470	Soil	0.8	77.8	12.3	67	0.6	19.6	7.0	343	2.16	251.0	2.5	624.5	5.7	27	0.4	6.2	21.1	45	0.38	0.082
1058746	Soil	1.2	28.2	11.6	51	0.2	14.6	6.9	295	2.04	77.2	2.5	3.6	5.1	23	0.2	2.6	1.3	43	0.20	0.066
1058748	Soil	0.8	28.2	10.5	51	0.1	14.3	6.3	284	1.94	53.7	1.6	8.2	6.4	16	0.2	1.6	1.8	40	0.17	0.054
1058743	Soil	1.6	44.9	16.8	65	0.4	18.5	9.4	452	2.60	199.1	5.2	3.3	6.1	26	0.3	7.7	2.4	49	0.24	0.076
1047471	Soil	1.1	37.0	11.4	60	0.1	16.4	9.1	467	2.24	504.4	3.2	12.6	5.2	17	0.2	15.7	2.1	41	0.22	0.075
1058745	Soil	1.4	28.7	12.9	63	0.2	16.3	8.0	427	2.25	84.7	2.5	2.8	7.2	22	0.5	3.5	1.5	44	0.20	0.075
1058744	Soil	1.3	27.0	13.6	51	0.3	13.4	6.7	317	2.33	121.0	3.2	6.2	2.4	22	0.1	5.9	1.6	45	0.20	0.062
1050741	Soil	1.8	18.5	10.9	50	0.2	14.1	6.4	266	2.15	125.0	2.7	16.7	5.3	17	<0.1	2.6	1.3	41	0.19	0.053
1050744	Soil	1.4	24.0	10.2	54	0.2	14.2	7.7	423	2.10	261.8	3.8	7.2	6.9	15	0.3	4.1	1.8	41	0.20	0.056
1050742	Soil	1.8	19.4	11.8	53	0.2	14.4	6.7	278	2.21	133.9	2.8	12.3	5.8	18	0.2	2.9	1.4	42	0.19	0.054
1050739	Soil	1.4	21.3	11.6	65	0.1	14.8	8.0	435	2.30	110.5	2.3	0.6	8.3	19	0.2	2.1	0.7	46	0.18	0.049
1050738	Soil	1.3	24.5	11.0	64	0.2	18.2	7.3	329	2.26	81.7	2.5	3.7	8.0	21	0.2	1.9	0.8	41	0.22	0.066
1050737	Soil	1.1	17.3	11.9	52	<0.1	18.4	8.4	316	2.48	60.0	1.3	2.8	9.8	21	0.3	1.2	0.5	47	0.19	0.054
1087358	Soil	0.6	29.1	11.2	67	<0.1	21.9	9.9	358	2.30	70.0	1.7	5.6	7.1	22	0.3	5.8	0.8	40	0.22	0.069
1087360	Soil	0.6	23.7	9.0	59	<0.1	18.5	8.1	298	1.90	33.4	1.2	18.5	4.4	17	0.2	3.0	0.5	31	0.17	0.060
1087351	Soil	0.6	22.3	20.4	84	<0.1	24.0	11.0	361	2.18	24.3	0.8	13.4	7.2	54	0.3	2.0	0.4	32	0.37	0.070
1087361	Soil	0.7	20.2	8.6	44	0.1	13.4	5.5	200	1.71	47.5	1.2	6.7	1.8	14	0.1	4.8	0.8	34	0.15	0.058

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1047461	Soil		20	21	0.42	109	0.050	<1	0.88	0.007	0.06	1.4	0.02	1.7	0.2	<0.05	3	<0.5	<0.2
1047462	Soil		22	22	0.40	141	0.047	2	1.15	0.007	0.06	1.6	0.01	1.9	0.2	<0.05	3	<0.5	<0.2
1047459	Soil		20	20	0.43	130	0.038	<1	1.03	0.008	0.06	0.7	0.01	2.3	0.2	<0.05	3	0.7	<0.2
1047460	Soil		19	25	0.43	126	0.035	<1	1.23	0.008	0.06	0.8	0.03	1.6	0.3	0.05	5	<0.5	<0.2
1047458	Soil		20	25	0.47	135	0.040	<1	1.29	0.007	0.06	0.9	0.03	2.3	0.2	<0.05	5	<0.5	<0.2
1058747	Soil		23	26	0.49	184	0.061	1	1.16	0.010	0.08	3.0	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1050743	Soil		22	25	0.47	151	0.054	<1	1.07	0.007	0.08	2.3	0.03	2.3	0.2	<0.05	4	<0.5	<0.2
1050740	Soil		22	25	0.45	211	0.043	2	1.25	0.007	0.06	2.3	0.04	2.4	0.2	<0.05	4	<0.5	<0.2
1047457	Soil		28	28	0.49	172	0.034	<1	1.40	0.006	0.06	1.6	0.04	2.9	0.3	<0.05	5	<0.5	<0.2
1058749	Soil		24	28	0.53	167	0.044	2	1.21	0.008	0.10	2.1	0.04	3.0	0.2	0.07	4	<0.5	<0.2
1058750	Soil		29	37	0.51	189	0.044	<1	1.35	0.007	0.10	1.5	0.04	4.4	0.3	<0.05	5	<0.5	<0.2
1050736	Soil		31	30	0.55	162	0.069	2	1.40	0.007	0.12	2.5	0.02	2.9	0.3	<0.05	5	<0.5	<0.2
1047469	Soil		19	30	0.71	307	0.035	1	1.53	0.014	0.09	0.5	0.05	3.3	0.2	0.06	5	0.6	0.8
1047470	Soil		21	28	0.64	208	0.055	<1	1.32	0.012	0.09	1.4	0.02	2.9	0.2	<0.05	4	<0.5	0.4
1058746	Soil		23	28	0.51	140	0.061	<1	1.24	0.011	0.07	2.0	0.03	2.4	0.2	<0.05	4	0.5	<0.2
1058748	Soil		19	26	0.50	125	0.075	2	1.13	0.008	0.09	2.3	0.03	1.9	0.2	<0.05	4	<0.5	<0.2
1058743	Soil		26	31	0.53	209	0.052	2	1.52	0.010	0.08	2.8	0.04	3.5	0.3	<0.05	5	0.7	<0.2
1047471	Soil		20	29	0.50	133	0.048	<1	1.24	0.006	0.07	2.2	0.02	2.9	0.2	<0.05	4	<0.5	<0.2
1058745	Soil		22	30	0.49	175	0.069	2	1.32	0.008	0.09	3.7	0.04	2.2	0.3	<0.05	5	<0.5	<0.2
1058744	Soil		22	26	0.45	183	0.036	<1	1.38	0.007	0.05	1.4	0.02	2.3	0.3	<0.05	5	<0.5	<0.2
1050741	Soil		19	23	0.43	131	0.047	1	1.15	0.006	0.06	1.8	0.04	2.0	0.2	<0.05	4	0.6	<0.2
1050744	Soil		23	24	0.45	149	0.055	<1	1.06	0.009	0.07	2.3	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1050742	Soil		20	24	0.44	139	0.047	<1	1.19	0.006	0.07	1.7	0.05	2.1	0.2	<0.05	5	<0.5	<0.2
1050739	Soil		18	27	0.50	128	0.068	<1	1.29	0.006	0.10	1.7	0.03	2.3	0.2	<0.05	5	<0.5	<0.2
1050738	Soil		19	26	0.46	128	0.057	<1	1.18	0.006	0.11	2.4	0.02	2.3	0.2	<0.05	4	<0.5	<0.2
1050737	Soil		20	29	0.44	128	0.065	<1	1.52	0.006	0.10	2.7	0.03	2.5	0.2	<0.05	5	<0.5	<0.2
1087358	Soil		21	26	0.44	271	0.047	<1	1.31	0.006	0.06	0.4	0.01	3.5	0.1	<0.05	4	0.6	<0.2
1087360	Soil		16	19	0.34	162	0.033	<1	1.02	0.005	0.04	0.4	0.02	2.0	0.1	<0.05	3	<0.5	<0.2
1087351	Soil		17	24	0.59	173	0.035	<1	1.43	0.013	0.07	0.2	0.01	2.6	0.1	<0.05	4	<0.5	<0.2
1087361	Soil		16	21	0.32	138	0.030	2	1.11	0.005	0.06	0.6	0.03	1.5	0.2	<0.05	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000178.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1087356	Soil	0.6	39.8	12.4	61	<0.1	26.2	10.3	329	2.79	131.3	1.4	6.0	6.5	37	0.2	6.8	1.9	52	0.32	0.057
1087357	Soil	0.6	26.8	8.6	49	<0.1	18.1	8.0	263	1.92	83.3	1.5	10.0	7.2	25	0.2	7.3	1.0	33	0.23	0.061
1087355	Soil	0.4	15.4	13.5	61	<0.1	23.1	10.6	377	2.61	9.7	0.6	1.5	7.1	142	0.2	0.9	0.2	51	2.72	0.080
1087354	Soil	0.6	21.8	15.6	65	0.1	24.9	11.2	332	2.68	10.1	1.0	2.0	7.3	116	<0.1	1.1	0.3	55	1.02	0.069
1087352	Soil	1.2	30.6	10.6	83	0.3	24.1	8.5	338	2.12	19.2	1.4	5.2	3.7	36	0.3	1.9	0.3	45	0.45	0.086
1087353	Soil	5.2	148.5	21.8	277	0.9	45.8	14.1	252	2.92	33.4	2.8	10.9	5.1	110	1.7	6.6	0.7	64	0.73	0.132
1087359	Soil	0.5	32.2	10.7	57	<0.1	22.5	8.9	350	2.19	69.9	1.3	3.3	7.0	43	0.2	6.9	0.8	34	0.26	0.074

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

CERTIFICATE OF ANALYSIS DAW11000178.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1087356	Soil	21	36	0.69	370	0.064	2	2.37	0.010	0.10	0.4	0.02	4.4	0.3	<0.05	7	<0.5	<0.2
1087357	Soil	19	22	0.41	225	0.055	<1	1.12	0.007	0.08	0.8	0.01	2.4	0.2	<0.05	4	<0.5	<0.2
1087355	Soil	17	48	1.17	318	0.120	3	3.60	0.235	0.28	0.2	0.02	5.5	0.2	<0.05	10	<0.5	<0.2
1087354	Soil	19	48	1.27	267	0.096	<1	3.43	0.176	0.22	0.1	0.02	5.1	0.3	<0.05	10	<0.5	<0.2
1087352	Soil	16	30	0.64	231	0.045	<1	1.60	0.012	0.07	0.2	0.04	2.7	0.2	<0.05	5	<0.5	<0.2
1087353	Soil	16	32	0.74	172	0.048	1	2.36	0.020	0.13	0.3	0.02	3.0	0.3	<0.05	7	1.8	<0.2
1087359	Soil	20	27	0.66	353	0.062	<1	1.70	0.006	0.17	0.5	0.02	3.3	0.2	<0.05	5	<0.5	<0.2

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Project: MAH
Report Date: August 29, 2011

QUALITY CONTROL REPORT DAW11000178.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1149523	Soil	0.8	20.0	14.2	61	<0.1	16.8	7.7	336	2.16	40.1	1.3	9.1	3.9	28	0.2	3.5	1.4	40	0.33	0.070
REP 1149523	QC	0.8	20.0	14.5	63	<0.1	17.6	8.0	322	2.21	39.0	1.3	2.9	3.9	29	0.2	3.7	1.4	40	0.33	0.065
1096022	Soil	0.8	62.7	27.0	85	0.7	21.5	8.6	414	2.29	88.7	1.5	26.1	4.8	73	1.1	1.7	20.7	39	0.98	0.088
REP 1096022	QC	0.7	60.2	26.9	84	0.7	20.7	7.6	398	2.09	81.7	1.4	26.6	4.9	72	1.2	1.7	19.9	36	0.93	0.082
1145738	Soil	0.5	16.2	10.6	58	<0.1	21.1	9.3	269	2.36	35.3	1.0	3.9	4.4	49	0.1	1.4	0.3	48	0.59	0.069
REP 1145738	QC	0.5	15.9	10.0	55	<0.1	22.0	8.9	262	2.26	33.8	0.9	10.7	4.3	47	0.1	1.2	0.3	48	0.59	0.068
1079492	Soil	0.6	24.8	14.8	57	0.2	22.3	9.4	289	2.00	41.1	0.8	7.0	4.6	65	0.5	1.2	0.7	44	1.00	0.060
REP 1079492	QC	0.7	25.0	15.4	59	0.2	21.6	9.4	287	2.02	41.0	0.8	17.5	4.6	65	0.5	1.2	0.7	43	1.01	0.060
1079494	Soil	0.4	26.3	14.9	66	0.2	25.4	10.9	273	2.50	38.0	1.2	21.5	5.1	89	0.4	1.2	0.6	51	1.62	0.050
REP 1079494	QC	0.5	25.7	14.7	64	0.2	23.3	10.8	266	2.44	36.8	1.2	13.8	4.8	90	0.3	1.2	0.6	51	1.61	0.049
1078770	Soil	0.9	72.0	11.8	67	0.2	31.5	13.8	305	2.74	391.1	2.5	15.3	6.8	41	0.3	5.8	3.1	44	0.36	0.085
REP 1078770	QC	1.1	74.6	11.8	69	0.2	31.6	14.1	317	2.82	406.3	2.5	23.6	6.9	44	0.4	6.0	3.1	45	0.36	0.092
1078773	Soil	1.3	47.5	14.6	55	0.2	22.1	9.4	403	2.52	359.8	2.2	8.0	1.9	45	0.5	10.6	3.6	42	0.52	0.101
REP 1078773	QC	1.5	52.0	16.5	59	0.2	24.3	10.2	440	2.76	383.2	2.4	6.6	2.0	48	0.6	11.5	3.7	46	0.58	0.114
1078944	Soil	1.0	19.7	15.4	81	<0.1	17.0	9.2	615	2.27	30.8	1.3	5.1	4.5	20	0.4	1.0	2.0	42	0.20	0.097
REP 1078944	QC	1.0	19.7	15.3	81	<0.1	16.8	9.5	607	2.32	30.2	1.3	0.5	4.5	20	0.4	0.8	2.0	42	0.20	0.092
1145929	Soil	0.9	20.3	14.1	62	<0.1	20.2	7.4	274	2.17	32.0	1.7	4.7	5.1	32	0.2	1.4	0.3	42	0.51	0.068
REP 1145929	QC	0.8	19.5	14.3	62	<0.1	20.3	7.1	265	2.13	31.5	1.7	3.3	5.0	32	0.2	1.3	0.3	41	0.51	0.067
1145888	Soil	1.1	35.5	14.1	77	0.1	27.6	14.3	413	3.11	126.2	1.1	7.4	4.3	82	0.4	3.2	1.1	48	0.36	0.090
REP 1145888	QC	1.1	35.7	13.8	75	0.2	26.6	14.1	410	3.07	124.9	1.2	5.7	4.2	81	0.3	3.2	1.1	48	0.37	0.089
1031341	Soil	0.5	24.9	12.4	44	0.2	18.2	7.6	338	1.58	112.6	1.1	4.7	3.0	105	0.4	1.6	1.1	27	1.66	0.085
REP 1031341	QC	0.5	25.2	12.4	43	0.1	17.3	7.2	321	1.51	110.7	1.1	5.2	3.0	101	0.4	1.6	1.1	29	1.62	0.083
1050872	Soil	1.2	35.4	10.5	81	0.1	23.5	8.9	361	2.26	127.4	2.6	7.5	5.7	25	0.5	2.0	2.6	42	0.29	0.095
REP 1050872	QC	1.1	35.8	10.6	81	<0.1	23.7	9.0	349	2.26	128.0	2.4	34.2	5.8	24	0.5	1.7	2.7	41	0.29	0.092
1151671	Soil	1.2	45.0	14.3	71	0.2	46.4	14.1	296	3.12	110.1	1.6	3.8	5.3	20	0.2	8.0	1.4	42	0.16	0.062
REP 1151671	QC	1.1	46.7	14.4	75	0.2	46.0	14.8	307	3.39	114.8	1.6	4.9	5.3	21	0.1	8.2	1.5	43	0.16	0.058
1079904	Soil	1.6	31.5	13.0	87	<0.1	23.4	9.3	385	2.57	60.0	4.0	9.3	3.7	21	0.3	1.6	1.5	50	0.29	0.092
REP 1079904	QC	1.6	31.6	12.9	83	0.1	24.1	9.4	383	2.55	58.3	3.9	9.8	4.1	21	0.2	1.6	1.5	48	0.27	0.092

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Project: MAH
Report Date: August 29, 2011

QUALITY CONTROL REPORT DAW11000178.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1149523	Soil	17	24	0.41	184	0.048	2	1.45	0.013	0.05	0.6	0.04	2.1	0.1	<0.05	5	<0.5	<0.2
REP 1149523	QC	18	23	0.42	184	0.049	2	1.46	0.013	0.05	0.5	0.02	2.1	0.1	<0.05	6	<0.5	<0.2
1096022	Soil	22	27	0.49	292	0.045	6	1.83	0.047	0.05	0.7	0.04	2.8	0.1	<0.05	5	<0.5	0.4
REP 1096022	QC	21	25	0.45	274	0.041	5	1.74	0.045	0.05	0.7	0.04	2.7	<0.1	<0.05	4	<0.5	0.4
1145738	Soil	16	36	0.76	191	0.067	2	2.09	0.036	0.10	0.3	0.04	3.5	0.1	<0.05	7	<0.5	<0.2
REP 1145738	QC	17	36	0.74	190	0.067	1	2.07	0.030	0.10	0.3	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1079492	Soil	19	28	0.42	165	0.037	3	1.65	0.059	0.05	0.8	0.05	2.5	<0.1	0.05	5	<0.5	<0.2
REP 1079492	QC	19	27	0.41	166	0.038	2	1.67	0.060	0.05	0.8	0.05	2.5	<0.1	0.06	5	<0.5	<0.2
1079494	Soil	17	42	0.92	301	0.104	3	3.12	0.126	0.21	0.8	0.04	4.2	0.2	<0.05	9	<0.5	<0.2
REP 1079494	QC	16	41	0.92	301	0.100	2	3.21	0.128	0.21	0.8	0.04	4.1	0.2	0.05	9	<0.5	<0.2
1078770	Soil	27	26	0.58	193	0.056	<1	1.90	0.013	0.10	1.0	0.05	3.1	0.2	<0.05	5	1.1	<0.2
REP 1078770	QC	26	28	0.59	191	0.059	<1	1.94	0.014	0.10	1.0	0.06	3.1	0.2	<0.05	5	0.6	<0.2
1078773	Soil	23	31	0.52	256	0.035	2	1.97	0.013	0.09	0.4	0.06	2.1	0.2	0.09	7	0.8	<0.2
REP 1078773	QC	25	35	0.57	281	0.041	1	2.17	0.014	0.10	0.5	0.05	2.6	0.2	0.10	8	1.0	<0.2
1078944	Soil	19	24	0.34	125	0.046	3	2.51	0.021	0.05	1.0	0.03	2.3	0.1	<0.05	7	0.7	<0.2
REP 1078944	QC	18	25	0.34	123	0.046	2	2.51	0.021	0.05	0.9	0.02	2.2	0.1	<0.05	7	<0.5	<0.2
1145929	Soil	17	26	0.46	262	0.051	2	1.31	0.013	0.05	0.5	0.03	2.5	0.1	<0.05	4	<0.5	<0.2
REP 1145929	QC	16	25	0.46	257	0.050	2	1.25	0.012	0.04	0.6	0.02	2.4	0.1	<0.05	4	<0.5	<0.2
1145888	Soil	16	33	0.75	287	0.057	1	2.67	0.015	0.16	0.6	0.05	3.3	0.4	<0.05	8	<0.5	<0.2
REP 1145888	QC	16	33	0.74	277	0.055	1	2.61	0.014	0.16	0.6	0.06	3.2	0.4	<0.05	7	<0.5	<0.2
1031341	Soil	16	24	0.46	222	0.029	4	2.14	0.079	0.04	0.3	0.05	1.9	0.1	0.12	6	0.6	<0.2
REP 1031341	QC	15	23	0.44	208	0.028	4	2.05	0.076	0.04	0.3	0.05	1.9	0.1	0.11	6	0.5	<0.2
1050872	Soil	23	24	0.43	189	0.059	2	1.51	0.012	0.07	1.0	0.05	2.3	0.2	<0.05	5	0.7	<0.2
REP 1050872	QC	23	23	0.43	195	0.059	2	1.50	0.012	0.07	1.1	0.04	2.3	0.2	<0.05	5	<0.5	<0.2
1151671	Soil	17	54	0.57	157	0.041	<1	1.72	0.010	0.12	0.2	0.05	2.7	0.3	<0.05	5	<0.5	<0.2
REP 1151671	QC	18	54	0.57	163	0.041	<1	1.75	0.011	0.13	0.3	0.06	2.8	0.3	<0.05	5	<0.5	<0.2
1079904	Soil	27	28	0.38	270	0.030	<1	2.00	0.011	0.05	0.3	0.05	3.2	0.1	<0.05	6	<0.5	<0.2
REP 1079904	QC	26	27	0.38	270	0.026	1	1.93	0.011	0.05	0.3	0.05	3.2	0.1	<0.05	6	<0.5	<0.2

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Project: MAH
Report Date: August 29, 2011

QUALITY CONTROL REPORT DAW11000178.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1095342	Soil	0.5	30.0	17.8	71	0.2	27.3	12.2	380	2.61	143.7	1.4	9.5	4.8	61	0.3	2.0	2.5	45	0.94	0.070
REP 1095342	QC	0.5	29.3	17.1	71	0.2	26.9	11.9	376	2.59	142.5	1.4	15.2	4.6	60	0.4	2.0	2.4	45	0.91	0.068
1147941	Soil	0.6	18.4	10.4	61	0.1	20.0	10.3	461	1.94	41.3	3.3	4.1	2.2	57	0.4	1.2	0.4	37	1.08	0.079
REP 1147941	QC	0.6	17.1	10.2	59	0.1	19.3	9.9	449	1.90	40.5	3.1	2.5	2.2	57	0.4	1.2	0.4	38	1.04	0.077
1047463	Soil	1.3	60.9	11.1	63	0.4	18.4	8.4	415	2.14	192.2	3.3	8.7	8.4	54	0.3	2.5	2.9	40	0.29	0.080
REP 1047463	QC	1.1	63.1	11.3	62	0.4	18.8	8.9	424	2.25	193.6	3.3	12.4	8.8	55	0.3	2.7	2.8	39	0.31	0.080
1050741	Soil	1.8	18.5	10.9	50	0.2	14.1	6.4	266	2.15	125.0	2.7	16.7	5.3	17	<0.1	2.6	1.3	41	0.19	0.053
REP 1050741	QC	1.5	17.5	11.1	51	0.2	12.7	6.0	256	2.10	124.8	2.6	3.0	5.3	17	0.1	2.6	1.2	39	0.18	0.051
1087352	Soil	1.2	30.6	10.6	83	0.3	24.1	8.5	338	2.12	19.2	1.4	5.2	3.7	36	0.3	1.9	0.3	45	0.45	0.086
REP 1087352	QC	1.1	31.8	11.1	88	0.3	26.1	9.2	358	2.26	19.7	1.4	2.1	4.0	39	0.3	2.0	0.3	48	0.46	0.091
Reference Materials																					
STD DS8	Standard	12.3	99.3	119.3	297	1.7	34.3	7.0	565	2.24	22.4	2.7	98.9	6.5	67	1.9	5.4	6.4	38	0.63	0.069
STD DS8	Standard	12.7	107.7	124.2	305	1.7	37.5	7.1	629	2.43	24.3	2.6	106.2	6.3	61	2.2	5.2	6.5	41	0.68	0.075
STD DS8	Standard	12.0	106.9	119.2	285	1.5	36.6	7.2	597	2.34	23.6	2.7	104.2	6.8	68	2.2	5.3	6.2	40	0.67	0.075
STD DS8	Standard	14.4	120.3	130.4	322	1.8	40.3	8.2	635	2.53	25.4	2.9	118.7	7.1	66	2.5	6.1	6.7	45	0.70	0.079
STD DS8	Standard	14.0	120.4	127.1	332	1.9	40.2	7.9	610	2.47	25.4	2.9	111.4	7.0	66	2.7	5.8	7.0	45	0.70	0.080
STD DS8	Standard	14.3	117.1	131.3	336	1.9	39.4	8.0	626	2.48	26.1	3.0	129.4	7.6	67	2.5	6.1	7.0	45	0.71	0.081
STD DS8	Standard	14.3	124.2	121.5	313	1.7	40.5	8.3	596	2.42	24.6	2.7	115.4	6.6	63	2.3	5.2	6.3	47	0.67	0.082
STD DS8	Standard	12.1	100.3	119.3	293	1.8	35.5	6.9	562	2.25	23.6	2.6	106.3	6.7	64	2.2	5.2	6.1	38	0.63	0.075
STD DS8	Standard	13.5	115.5	120.0	299	1.7	40.8	8.0	590	2.39	23.5	2.7	106.0	6.7	62	2.2	4.9	6.2	44	0.67	0.077
STD DS8	Standard	13.6	114.5	121.7	317	1.7	39.6	7.9	605	2.49	25.3	2.9	115.8	7.1	64	2.3	5.6	6.7	44	0.71	0.077
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

QUALITY CONTROL REPORT DAW11000178.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1095342	Soil	17	38	0.73	207	0.079	2	2.74	0.102	0.07	0.5	0.04	3.7	0.2	0.05	8	<0.5	<0.2
REP 1095342	QC	17	38	0.73	208	0.075	3	2.69	0.098	0.07	0.6	0.04	3.6	0.2	<0.05	8	<0.5	<0.2
1147941	Soil	14	27	0.45	255	0.034	1	1.77	0.047	0.04	0.4	0.06	2.2	0.1	0.08	5	<0.5	<0.2
REP 1147941	QC	14	27	0.45	247	0.034	1	1.75	0.047	0.04	0.4	0.07	2.1	0.1	0.07	5	<0.5	<0.2
1047463	Soil	25	26	0.55	221	0.071	<1	1.16	0.010	0.09	3.4	0.03	2.3	0.2	<0.05	4	<0.5	<0.2
REP 1047463	QC	26	25	0.55	229	0.069	<1	1.18	0.012	0.09	4.0	0.04	2.5	0.3	<0.05	4	<0.5	<0.2
1050741	Soil	19	23	0.43	131	0.047	1	1.15	0.006	0.06	1.8	0.04	2.0	0.2	<0.05	4	0.6	<0.2
REP 1050741	QC	19	21	0.41	129	0.042	2	1.08	0.006	0.06	1.9	0.03	1.9	0.2	<0.05	4	0.6	<0.2
1087352	Soil	16	30	0.64	231	0.045	<1	1.60	0.012	0.07	0.2	0.04	2.7	0.2	<0.05	5	<0.5	<0.2
REP 1087352	QC	16	32	0.67	242	0.049	<1	1.67	0.013	0.07	0.3	0.03	2.9	0.2	<0.05	5	0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	111	0.63	258	0.110	2	0.87	0.102	0.41	2.8	0.16	3.0	5.1	0.17	4	4.3	4.2
STD DS8	Standard	15	115	0.63	280	0.109	2	0.93	0.089	0.40	2.9	0.24	2.4	5.3	0.14	4	4.8	5.0
STD DS8	Standard	15	109	0.58	283	0.112	4	0.87	0.092	0.38	2.9	0.17	2.4	5.0	0.16	4	5.2	5.5
STD DS8	Standard	14	125	0.63	281	0.128	3	0.92	0.085	0.41	3.0	0.22	2.3	5.6	0.17	5	5.0	5.1
STD DS8	Standard	15	122	0.61	283	0.126	3	0.88	0.087	0.42	3.0	0.20	2.2	5.4	0.15	5	5.2	5.0
STD DS8	Standard	17	121	0.63	304	0.130	2	0.94	0.088	0.42	3.2	0.19	2.2	5.6	0.15	5	5.2	4.9
STD DS8	Standard	16	122	0.61	263	0.126	3	0.95	0.087	0.40	3.1	0.18	2.2	5.3	0.23	5	5.1	4.5
STD DS8	Standard	15	107	0.56	256	0.104	<1	0.84	0.087	0.38	2.7	0.18	1.8	5.1	0.16	4	4.6	5.0
STD DS8	Standard	16	120	0.60	261	0.120	2	0.92	0.084	0.38	2.6	0.20	2.3	5.3	0.13	5	4.5	5.1
STD DS8	Standard	14	122	0.59	262	0.120	2	0.89	0.085	0.41	3.0	0.17	2.2	5.5	0.14	5	4.5	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 29, 2011

QUALITY CONTROL REPORT DAW11000178.1

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

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Report Date: August 29, 2011

QUALITY CONTROL REPORT DAW11000178.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 19, 2011
Report Date: August 31, 2011
Page: 1 of 11

CERTIFICATE OF ANALYSIS DAW11000182.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-01
P.O. Number
Number of Samples: 272

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	272	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	272	Dry at 60C			WHI
1DX2	272	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000182.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1198900	Soil	0.6	15.9	8.6	48	<0.1	14.7	8.2	266	2.01	24.6	1.3	3.4	6.6	18	0.1	1.3	0.4	42	0.21	0.074
1198897	Soil	0.8	14.1	10.5	48	<0.1	13.9	7.3	256	2.10	21.8	1.8	4.1	5.1	15	0.2	1.4	0.4	47	0.16	0.064
1198898	Soil	0.8	19.8	10.1	50	<0.1	15.6	7.1	250	2.16	26.6	2.6	16.8	7.1	20	<0.1	1.5	0.5	44	0.19	0.058
1198899	Soil	0.7	16.0	9.0	50	<0.1	15.2	8.0	263	2.03	24.1	1.4	4.1	6.4	19	0.2	1.1	0.4	42	0.21	0.074
1198896	Soil	1.1	13.4	12.5	52	<0.1	15.8	8.4	334	2.56	23.1	1.5	13.6	6.5	14	0.2	1.2	0.5	50	0.14	0.057
1198895	Soil	0.9	19.2	9.9	51	<0.1	16.5	9.1	326	2.28	20.8	2.0	3.9	9.6	15	0.2	1.1	0.4	47	0.19	0.065
1198894	Soil	0.7	20.4	11.5	49	<0.1	15.7	7.9	280	2.28	27.2	2.3	18.8	7.4	21	0.1	1.5	0.6	50	0.23	0.080
1198893	Soil	0.9	21.4	11.3	52	<0.1	17.2	8.1	276	2.31	31.2	2.5	590.1	7.3	19	0.2	1.5	0.6	51	0.22	0.074
1071372	Soil	1.0	17.2	10.0	52	0.1	16.6	7.8	262	2.25	18.1	3.0	14.6	5.2	20	<0.1	0.9	0.3	49	0.23	0.071
1071371	Soil	0.8	19.8	10.4	51	0.1	16.6	7.8	256	2.23	21.3	2.8	10.8	7.2	17	0.1	1.1	0.4	48	0.18	0.059
1198889	Soil	0.9	19.4	11.2	55	<0.1	17.0	8.2	275	2.28	24.9	2.3	13.9	6.0	19	0.2	1.2	0.5	50	0.23	0.077
1198892	Soil	1.0	21.4	10.2	55	<0.1	18.4	8.4	266	2.35	22.4	3.4	5.2	6.8	17	<0.1	1.0	0.4	49	0.17	0.058
1071374	Soil	0.7	24.5	10.1	57	<0.1	20.2	9.3	308	2.43	29.4	2.3	7.8	12.6	22	0.1	1.6	0.5	50	0.24	0.072
1071373	Soil	0.9	20.3	11.3	58	<0.1	17.0	7.5	244	2.30	21.5	2.9	7.4	8.5	21	0.2	2.7	0.5	51	0.22	0.071
1198891	Soil	1.0	18.9	9.9	53	<0.1	18.5	8.5	248	2.27	24.4	2.1	6.1	7.2	13	0.2	1.0	0.4	43	0.16	0.060
1198890	Soil	0.8	19.5	10.3	59	<0.1	19.3	9.8	334	2.34	25.9	2.2	4.4	6.7	13	0.3	1.1	0.4	46	0.15	0.058
1071388	Soil	5.7	27.9	28.4	75	0.4	28.6	7.1	207	2.36	17.0	1.9	2.7	1.2	56	0.4	5.1	0.3	53	0.32	0.149
1071387	Soil	1.8	36.9	21.3	87	0.4	34.8	12.4	397	3.02	12.7	1.0	2.9	4.0	32	0.6	3.5	0.2	45	0.23	0.082
1071376	Soil	0.8	15.5	8.5	48	<0.1	16.0	7.1	210	2.00	20.1	1.3	6.4	6.4	15	0.1	1.2	0.4	42	0.20	0.073
1071375	Soil	1.0	11.2	10.2	44	<0.1	12.4	7.4	273	2.17	16.7	2.4	4.1	4.5	13	0.1	0.9	0.3	45	0.15	0.059
1071392	Soil	1.4	16.6	12.5	46	0.3	13.8	6.5	256	3.22	12.5	0.7	3.7	3.3	13	0.3	0.8	0.3	57	0.06	0.047
1071389	Soil	1.1	18.0	42.9	70	0.3	20.7	8.9	306	2.63	24.6	1.4	2.9	3.4	21	0.2	1.7	0.5	47	0.21	0.061
1071382	Soil	2.3	22.3	45.7	142	1.0	19.0	6.1	197	2.52	29.8	1.2	5.4	5.1	25	0.2	12.3	0.2	39	0.07	0.045
1071378	Soil	2.7	25.1	8.9	89	<0.1	42.6	20.5	567	6.89	24.5	0.4	<0.5	7.6	44	0.3	3.1	0.4	157	0.57	0.150
1071383	Soil	1.5	34.0	41.5	64	0.4	23.9	10.7	367	2.44	20.0	1.4	4.0	5.4	33	0.4	4.7	0.2	39	0.15	0.068
1071390	Soil	10.1	38.1	46.5	170	0.2	46.4	11.0	300	2.77	19.3	1.8	4.2	6.0	25	0.7	6.4	0.2	95	0.21	0.062
1071377	Soil	0.9	17.1	10.5	44	<0.1	17.0	7.5	221	2.48	19.8	1.9	7.4	7.5	15	0.2	1.1	0.3	50	0.15	0.046
1071379	Soil	0.7	17.2	10.1	45	<0.1	23.1	9.7	266	2.60	11.1	0.8	2.2	4.1	18	0.1	0.6	0.2	51	0.19	0.047
1071384	Soil	1.1	29.6	32.7	68	0.4	25.7	8.9	270	2.24	17.4	0.8	3.5	4.6	20	0.4	3.7	0.2	35	0.20	0.085
1071391	Soil	0.6	16.0	15.2	59	0.2	27.2	10.2	404	2.75	8.8	0.7	4.6	5.0	16	0.2	0.8	0.1	42	0.20	0.042

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000182.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1198900	Soil	19	28	0.49	152	0.090	1	1.21	0.009	0.14	0.8	0.02	2.0	0.3	<0.05	4	<0.5	<0.2
1198897	Soil	22	30	0.47	164	0.077	2	1.54	0.006	0.13	0.8	0.02	2.2	0.3	<0.05	5	<0.5	<0.2
1198898	Soil	24	29	0.47	227	0.075	<1	1.29	0.006	0.13	0.6	0.03	2.7	0.3	<0.05	4	<0.5	<0.2
1198899	Soil	19	29	0.50	156	0.087	1	1.23	0.006	0.15	0.8	0.01	2.1	0.3	<0.05	4	0.5	<0.2
1198896	Soil	18	31	0.46	138	0.062	2	1.79	0.005	0.09	0.9	0.02	2.3	0.3	<0.05	5	<0.5	<0.2
1198895	Soil	21	29	0.51	171	0.087	<1	1.40	0.005	0.14	1.0	0.02	2.4	0.3	<0.05	5	<0.5	<0.2
1198894	Soil	26	35	0.53	220	0.092	1	1.53	0.007	0.19	0.9	0.03	3.0	0.4	<0.05	5	<0.5	<0.2
1198893	Soil	27	35	0.53	200	0.093	<1	1.59	0.007	0.16	1.0	0.03	3.2	0.4	<0.05	5	<0.5	<0.2
1071372	Soil	21	31	0.51	239	0.068	1	1.47	0.007	0.09	0.5	0.03	2.6	0.3	<0.05	5	0.6	<0.2
1071371	Soil	22	30	0.49	199	0.072	<1	1.48	0.006	0.09	0.4	0.03	3.0	0.3	<0.05	5	<0.5	<0.2
1198889	Soil	23	34	0.54	172	0.095	<1	1.49	0.007	0.15	1.1	0.03	2.6	0.3	<0.05	5	<0.5	<0.2
1198892	Soil	23	33	0.52	201	0.068	<1	1.61	0.006	0.08	0.6	0.04	3.2	0.2	<0.05	5	<0.5	<0.2
1071374	Soil	30	35	0.59	277	0.118	<1	1.54	0.007	0.23	1.3	0.02	3.7	0.5	<0.05	5	<0.5	<0.2
1071373	Soil	24	32	0.53	211	0.087	<1	1.51	0.008	0.15	0.8	0.05	3.2	0.3	<0.05	5	0.5	<0.2
1198891	Soil	18	27	0.46	124	0.058	1	1.49	0.005	0.08	0.5	0.02	2.3	0.2	<0.05	4	<0.5	<0.2
1198890	Soil	21	30	0.48	170	0.073	<1	1.44	0.005	0.09	0.6	0.03	2.9	0.2	<0.05	5	<0.5	<0.2
1071388	Soil	18	23	0.56	411	0.024	2	1.08	0.006	0.11	0.1	0.03	1.5	0.2	0.08	3	1.2	<0.2
1071387	Soil	20	27	0.53	504	0.033	<1	1.26	0.006	0.06	0.2	0.04	3.6	0.1	<0.05	4	<0.5	<0.2
1071376	Soil	17	28	0.47	127	0.077	<1	1.43	0.006	0.13	0.9	0.02	2.0	0.3	<0.05	4	<0.5	<0.2
1071375	Soil	17	27	0.41	172	0.050	2	1.50	0.006	0.07	0.5	0.04	2.2	0.2	<0.05	5	<0.5	<0.2
1071392	Soil	11	27	0.36	126	0.029	<1	1.53	0.005	0.04	0.2	0.04	1.8	0.1	<0.05	5	<0.5	<0.2
1071389	Soil	22	29	0.53	295	0.033	<1	1.57	0.007	0.05	0.3	0.04	2.9	0.1	<0.05	4	<0.5	<0.2
1071382	Soil	18	23	0.30	208	0.026	<1	1.06	0.005	0.07	0.2	0.03	3.1	0.3	0.06	3	1.8	<0.2
1071378	Soil	26	160	2.98	3049	0.129	<1	4.62	0.006	0.80	<0.1	<0.01	8.6	0.7	<0.05	16	<0.5	<0.2
1071383	Soil	17	23	0.40	166	0.028	3	1.40	0.006	0.06	0.2	0.05	2.3	0.3	<0.05	4	0.9	<0.2
1071390	Soil	21	37	2.10	281	0.032	5	2.14	0.005	0.24	<0.1	0.02	3.0	0.4	<0.05	6	1.0	<0.2
1071377	Soil	23	30	0.45	207	0.056	2	1.73	0.007	0.10	0.6	0.02	2.7	0.2	<0.05	5	0.7	<0.2
1071379	Soil	17	32	0.54	1386	0.034	2	1.90	0.008	0.06	0.1	0.04	3.0	<0.1	<0.05	5	<0.5	<0.2
1071384	Soil	14	21	0.40	145	0.026	2	1.19	0.005	0.07	0.2	0.02	2.1	0.1	<0.05	3	0.6	<0.2
1071391	Soil	17	33	1.17	237	0.032	2	2.26	0.006	0.07	0.1	0.02	3.3	0.1	<0.05	5	<0.5	<0.2

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Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000182.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1071381	Soil	2.2	20.6	43.7	137	1.1	19.6	5.9	187	2.51	30.8	1.2	5.8	4.8	24	0.2	13.0	0.2	40	0.08	0.045
1071380	Soil	1.1	23.6	10.9	59	0.1	21.7	10.6	299	2.64	11.0	0.9	3.5	4.5	19	0.1	1.3	0.2	48	0.16	0.053
1037275	Soil	0.9	23.9	15.6	60	<0.1	22.3	10.3	329	2.82	12.2	1.3	1.7	8.2	11	<0.1	0.6	0.2	36	0.06	0.037
1037278	Soil	1.5	17.8	13.9	54	0.1	16.4	7.9	260	2.90	11.2	0.9	2.4	5.7	9	0.1	0.7	0.2	61	0.07	0.020
1071386	Soil	1.0	29.7	53.3	91	0.9	35.2	12.1	374	2.48	11.8	0.8	3.1	3.4	129	0.5	4.3	0.2	32	3.01	0.092
1071385	Soil	1.5	111.2	4599	91	68.8	27.8	11.3	373	3.12	601.0	1.1	39.2	4.4	25	1.0	274.8	4.9	45	0.23	0.109
1037283	Soil	1.1	15.6	33.1	136	<0.1	16.5	6.3	212	3.61	7.7	0.7	7.2	5.3	8	<0.1	0.8	0.3	38	0.04	0.039
1037279	Soil	1.2	16.1	18.0	58	0.2	18.3	8.8	271	3.05	11.8	0.7	2.2	6.0	9	0.1	0.9	0.2	58	0.08	0.022
1037276	Soil	0.8	27.9	19.4	67	<0.1	24.5	11.2	349	2.93	11.8	1.3	2.8	9.1	13	<0.1	0.6	0.2	33	0.06	0.034
1037282	Soil	1.1	26.3	19.7	83	<0.1	26.2	12.1	287	3.64	9.6	1.0	0.9	8.8	8	0.2	0.5	0.3	36	0.04	0.039
1037260	Soil	1.3	13.9	12.9	64	0.1	27.2	11.6	283	2.81	11.8	0.6	5.3	5.5	10	0.2	0.6	0.2	54	0.10	0.025
1037254	Soil	0.9	15.0	12.0	48	<0.1	16.7	6.3	152	2.26	12.4	0.5	2.8	5.1	6	<0.1	0.7	0.2	38	0.05	0.015
1037280	Soil	1.3	10.0	11.0	66	<0.1	17.5	9.3	268	2.86	11.6	0.5	1.2	3.8	8	0.2	0.7	0.2	64	0.08	0.027
1037281	Soil	1.1	26.5	18.5	81	<0.1	25.5	12.2	299	3.39	9.1	1.0	1.5	9.2	8	0.1	0.5	0.3	31	0.04	0.037
1037258	Soil	0.9	18.9	11.5	49	<0.1	19.7	7.4	181	2.24	12.8	0.7	3.1	5.2	5	0.2	0.7	0.2	35	0.04	0.014
1037253	Soil	0.5	17.2	19.9	59	<0.1	22.8	10.1	116	3.02	14.5	1.2	3.9	12.7	5	0.1	0.4	0.1	16	0.03	0.027
1037284	Soil	0.8	16.9	12.4	52	<0.1	16.0	9.0	296	2.55	11.9	0.8	6.1	4.6	6	0.1	0.7	0.2	37	0.05	0.028
1037277	Soil	1.1	15.4	12.0	52	<0.1	17.6	8.8	211	2.51	11.9	0.8	9.1	4.2	7	0.2	0.6	0.2	51	0.06	0.023
1037257	Soil	1.1	20.0	13.4	61	<0.1	23.6	9.3	193	2.72	15.5	0.5	1.4	6.2	5	0.1	0.6	0.2	40	0.06	0.019
1037251	Soil	0.6	45.7	19.6	72	<0.1	34.0	15.2	760	3.04	4.3	1.7	4.1	13.5	6	0.2	0.3	0.3	15	0.06	0.022
1037259	Soil	1.0	14.8	15.3	57	<0.1	19.8	8.1	245	2.53	13.6	0.6	2.1	5.0	8	0.2	0.7	0.2	45	0.07	0.024
1037262	Soil	1.1	14.3	11.7	43	0.1	18.3	8.7	192	2.45	11.1	0.5	0.7	3.9	7	0.1	0.7	0.2	42	0.06	0.023
1037256	Soil	0.8	23.8	20.9	76	<0.1	29.4	12.7	390	2.95	16.7	0.9	2.7	7.0	8	0.2	1.0	0.2	36	0.08	0.032
1037252	Soil	0.8	14.1	15.3	51	<0.1	11.7	5.7	201	2.85	10.6	0.6	1.9	5.8	7	0.1	0.5	0.3	39	0.05	0.022
1037261	Soil	1.3	27.4	23.7	84	<0.1	39.0	17.1	394	2.91	16.1	1.4	2.1	5.7	8	0.2	0.7	0.3	31	0.03	0.036
1037255	Soil	0.8	13.4	11.1	41	<0.1	10.5	6.2	247	2.59	12.9	0.6	1.9	5.0	7	<0.1	0.6	0.2	34	0.04	0.025
1037263	Soil	0.9	14.5	10.6	49	<0.1	16.6	8.3	269	2.36	12.9	0.8	2.5	4.5	7	0.2	0.7	0.2	40	0.06	0.023
1037274	Soil	1.0	18.2	17.2	79	0.1	29.7	16.1	489	3.01	12.6	0.7	1.6	6.9	10	0.2	0.7	0.2	47	0.07	0.033
1037272	Soil	0.9	25.5	17.0	56	0.2	28.9	11.8	265	2.86	11.2	1.0	1.6	5.5	9	0.3	0.7	0.2	43	0.07	0.028
1037267	Soil	0.6	12.0	11.2	34	<0.1	11.6	5.5	186	2.36	11.0	0.7	1.7	2.4	8	<0.1	0.6	0.2	47	0.07	0.039

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1071381	Soil	19	23	0.27	215	0.026	2	1.10	0.005	0.08	0.2	0.02	2.9	0.3	0.05	3	2.1	<0.2
1071380	Soil	18	30	0.46	575	0.038	2	1.72	0.006	0.06	0.2	0.03	3.0	0.1	<0.05	5	0.7	<0.2
1037275	Soil	22	25	0.43	123	0.022	1	1.66	0.005	0.04	0.1	0.05	2.9	0.1	<0.05	4	0.6	<0.2
1037278	Soil	16	31	0.40	155	0.038	1	2.10	0.005	0.04	0.1	0.02	3.1	0.1	<0.05	6	0.6	<0.2
1071386	Soil	21	22	0.36	337	0.019	3	1.15	0.007	0.09	0.2	0.06	3.1	0.2	<0.05	3	1.0	<0.2
1071385	Soil	16	26	0.45	116	0.033	3	1.49	0.006	0.10	0.1	0.11	2.8	0.2	0.11	4	4.8	<0.2
1037283	Soil	30	23	0.30	57	0.017	<1	1.27	0.003	0.03	<0.1	0.02	1.0	<0.1	<0.05	5	0.7	<0.2
1037279	Soil	14	35	0.47	161	0.040	1	2.14	0.006	0.05	0.2	0.02	2.3	0.1	<0.05	6	0.5	<0.2
1037276	Soil	24	24	0.45	119	0.021	<1	1.58	0.004	0.04	0.1	0.03	2.5	<0.1	<0.05	4	0.9	<0.2
1037282	Soil	30	27	0.52	120	0.015	1	1.89	0.005	0.04	<0.1	0.02	1.5	<0.1	<0.05	5	<0.5	<0.2
1037260	Soil	16	27	0.40	208	0.024	<1	1.90	0.005	0.04	0.2	0.02	2.0	<0.1	<0.05	5	<0.5	<0.2
1037254	Soil	14	20	0.32	100	0.020	1	1.24	0.003	0.03	0.1	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1037280	Soil	12	31	0.44	191	0.038	<1	2.10	0.005	0.04	0.2	0.03	2.4	0.1	<0.05	6	<0.5	<0.2
1037281	Soil	28	26	0.51	123	0.014	<1	1.91	0.004	0.04	0.1	0.02	1.5	<0.1	<0.05	5	<0.5	<0.2
1037258	Soil	11	22	0.31	109	0.022	3	1.34	0.003	0.03	0.2	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1037253	Soil	34	10	0.10	40	0.006	2	0.70	0.002	0.04	<0.1	<0.01	1.1	<0.1	<0.05	2	<0.5	<0.2
1037284	Soil	14	24	0.35	89	0.028	1	1.27	0.004	0.03	0.2	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
1037277	Soil	12	28	0.40	206	0.036	2	1.79	0.004	0.03	0.2	<0.01	2.6	0.1	<0.05	5	<0.5	<0.2
1037257	Soil	16	26	0.41	168	0.020	<1	1.84	0.004	0.03	0.2	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
1037251	Soil	53	14	0.26	134	0.006	<1	1.19	0.003	0.05	0.1	0.04	2.7	<0.1	<0.05	2	<0.5	<0.2
1037259	Soil	13	24	0.41	140	0.028	1	1.65	0.005	0.04	0.1	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1037262	Soil	12	23	0.33	121	0.022	<1	1.72	0.004	0.03	0.2	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1037256	Soil	21	24	0.44	130	0.017	<1	1.66	0.004	0.05	0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1037252	Soil	21	22	0.39	90	0.020	<1	1.52	0.003	0.03	0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1037261	Soil	26	17	0.14	94	0.005	<1	1.15	0.005	0.03	<0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
1037255	Soil	17	17	0.29	122	0.023	<1	1.05	0.002	0.03	0.2	0.01	1.2	<0.1	<0.05	4	<0.5	<0.2
1037263	Soil	12	26	0.38	126	0.029	1	1.65	0.005	0.04	0.2	0.05	2.2	0.1	<0.05	4	0.5	<0.2
1037274	Soil	17	24	0.34	165	0.023	<1	1.83	0.004	0.04	0.1	0.03	1.7	0.1	<0.05	6	<0.5	<0.2
1037272	Soil	14	28	0.42	156	0.023	<1	2.21	0.005	0.04	0.1	0.03	2.1	0.1	<0.05	5	<0.5	<0.2
1037267	Soil	13	24	0.32	92	0.025	<1	1.31	0.005	0.03	0.1	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000182.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1037265	Soil	1.1	11.3	14.0	44	0.1	14.2	6.7	184	2.84	12.0	0.5	4.5	3.8	7	0.2	0.7	0.3	60	0.06	0.029
1037266	Soil	1.3	15.4	13.8	60	<0.1	18.6	10.8	317	3.07	13.7	0.6	2.2	4.3	8	0.3	0.9	0.3	55	0.06	0.036
1037273	Soil	1.0	26.5	12.8	62	<0.1	26.8	11.8	347	2.87	12.6	1.3	3.1	6.1	10	0.2	0.7	0.2	51	0.07	0.021
1037271	Soil	1.4	16.3	13.3	66	0.1	14.9	7.3	265	3.06	9.4	0.6	1.7	4.2	8	0.3	0.8	0.3	60	0.07	0.039
1037269	Soil	1.6	15.8	14.1	51	0.3	19.3	11.0	310	2.77	12.0	0.8	2.1	5.0	9	0.4	0.7	0.2	56	0.07	0.027
1037270	Soil	1.7	10.0	11.8	43	<0.1	11.0	5.0	222	4.26	15.0	0.5	1.4	3.8	6	0.1	0.8	0.2	72	0.05	0.043
1037264	Soil	0.8	14.2	11.3	47	<0.1	16.6	8.3	249	2.36	13.1	0.5	3.0	4.6	8	0.2	0.7	0.1	30	0.08	0.039
1037268	Soil	1.1	19.8	17.9	56	<0.1	16.9	7.2	234	3.00	12.9	1.0	2.1	4.9	10	0.3	0.9	0.3	54	0.07	0.027
1031406	Soil	1.1	12.3	12.5	50	<0.1	18.0	8.7	277	2.66	11.7	0.7	1.6	4.8	9	0.2	0.7	0.2	49	0.07	0.020
1031408	Soil	1.7	49.9	21.1	75	0.1	58.2	26.7	2491	3.42	12.7	1.0	2.4	11.2	26	0.3	2.2	0.4	24	0.70	0.082
1031407	Soil	1.5	63.5	20.7	78	0.2	70.1	32.1	3057	3.66	13.2	1.0	9.5	14.9	25	0.4	2.7	0.5	19	0.30	0.088
1031405	Soil	0.8	39.9	31.9	97	<0.1	35.2	22.0	679	4.59	8.4	1.4	<0.5	11.4	39	0.2	1.7	0.5	114	0.41	0.115
1031421	Soil	0.9	22.5	12.7	55	<0.1	21.2	9.8	304	2.52	14.0	1.2	3.7	7.0	10	0.1	0.7	0.2	35	0.09	0.050
1031424	Soil	0.7	17.8	10.9	45	<0.1	14.9	7.1	208	2.07	8.4	0.8	2.0	1.5	11	0.1	0.5	0.1	33	0.10	0.042
1031404	Soil	0.9	13.7	10.6	46	<0.1	15.0	7.6	268	2.49	14.4	0.7	17.1	2.6	8	0.1	0.8	0.1	36	0.08	0.037
1031409	Soil	0.9	33.5	34.0	73	<0.1	28.4	14.2	255	3.77	9.0	1.7	<0.5	13.8	13	<0.1	0.5	0.4	22	0.02	0.036
1031422	Soil	0.9	16.7	11.2	45	<0.1	20.4	8.9	281	2.76	13.1	0.5	3.0	3.6	8	0.1	0.6	0.1	47	0.08	0.043
1031423	Soil	1.0	20.0	16.8	64	<0.1	23.5	11.9	421	2.85	12.0	1.0	1.4	5.8	10	0.1	0.7	0.2	39	0.09	0.047
1031425	Soil	0.8	22.6	15.6	59	<0.1	18.7	8.8	266	2.58	8.8	1.3	5.0	8.0	11	0.1	0.6	0.2	36	0.10	0.044
1031410	Soil	1.1	17.4	15.3	54	<0.1	23.8	7.6	232	3.34	15.2	0.9	1.1	7.4	7	<0.1	0.9	0.2	41	0.04	0.036
1031414	Soil	0.6	16.6	12.7	65	<0.1	18.2	11.6	461	2.35	11.5	1.2	1.3	5.7	15	0.1	0.6	0.2	31	0.16	0.074
1031413	Soil	1.0	38.7	52.7	79	<0.1	6.0	3.8	250	3.50	2.1	2.4	2.2	18.9	14	<0.1	0.3	0.8	14	0.02	0.047
1031412	Soil	0.8	40.0	49.0	79	<0.1	5.8	4.0	256	3.55	1.7	2.8	2.1	20.3	14	<0.1	0.3	0.8	12	0.01	0.050
1031411	Soil	1.1	20.9	13.8	53	<0.1	15.3	7.8	303	3.06	12.0	1.1	5.4	5.5	10	0.2	0.7	0.2	49	0.09	0.040
1031429	Soil	0.9	19.0	14.7	48	<0.1	13.5	5.9	175	2.22	7.5	1.2	1.9	1.7	15	0.1	0.5	0.2	29	0.08	0.050
1031417	Soil	1.7	46.1	29.0	77	<0.1	38.8	15.0	320	3.25	7.2	1.8	2.2	12.9	17	0.1	1.6	0.4	30	0.07	0.032
1031416	Soil	1.1	25.3	19.2	68	<0.1	21.1	11.5	338	2.96	9.1	1.6	3.2	9.6	13	0.2	0.9	0.3	31	0.09	0.054
1031415	Soil	0.7	43.1	45.7	88	0.1	25.5	16.1	288	3.89	5.7	3.3	1.7	22.9	25	0.2	0.5	0.7	18	0.07	0.061
1031430	Soil	1.2	27.8	17.4	63	<0.1	16.9	7.7	216	2.85	6.3	1.7	2.5	5.6	21	<0.1	0.7	0.3	27	0.09	0.051
1031427	Soil	1.0	22.5	11.8	56	<0.1	19.0	7.7	208	2.40	10.4	1.0	5.3	2.4	14	<0.1	0.7	0.2	41	0.12	0.047

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Project: MHR
Report Date: August 31, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1037265	Soil	13	28	0.36	121	0.030	1	2.02	0.005	0.03	0.2	0.03	2.2	<0.1	<0.05	6	0.7	<0.2
1037266	Soil	13	32	0.39	147	0.029	1	2.09	0.004	0.04	0.2	0.03	2.2	0.1	<0.05	6	0.6	<0.2
1037273	Soil	16	31	0.48	152	0.046	2	2.02	0.008	0.05	0.2	0.03	3.5	<0.1	<0.05	5	0.6	<0.2
1037271	Soil	15	29	0.33	139	0.026	1	1.95	0.004	0.04	0.2	0.02	2.1	0.1	<0.05	7	0.6	<0.2
1037269	Soil	12	33	0.40	179	0.033	<1	2.30	0.005	0.04	0.2	0.03	3.2	0.1	<0.05	5	0.7	<0.2
1037270	Soil	12	26	0.31	86	0.049	<1	1.45	0.004	0.03	0.2	0.02	2.0	<0.1	<0.05	6	<0.5	<0.2
1037264	Soil	12	21	0.32	64	0.023	1	1.33	0.004	0.03	0.2	0.02	1.7	<0.1	<0.05	3	0.6	<0.2
1037268	Soil	16	28	0.37	116	0.024	<1	1.95	0.004	0.03	0.1	0.02	2.1	0.1	<0.05	6	<0.5	<0.2
1031406	Soil	13	30	0.42	156	0.035	1	1.77	0.005	0.04	0.2	0.02	2.5	0.1	<0.05	4	<0.5	<0.2
1031408	Soil	36	16	0.85	149	0.019	1	1.12	0.004	0.06	0.1	0.01	2.9	<0.1	<0.05	3	<0.5	<0.2
1031407	Soil	42	14	0.88	129	0.014	1	1.08	0.004	0.06	0.1	0.02	3.2	<0.1	<0.05	3	<0.5	<0.2
1031405	Soil	32	181	1.65	316	0.236	2	2.25	0.010	0.33	0.2	0.01	5.3	1.0	<0.05	7	<0.5	<0.2
1031421	Soil	21	26	0.39	153	0.024	1	1.30	0.004	0.04	0.2	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
1031424	Soil	19	21	0.33	98	0.019	<1	1.20	0.004	0.04	0.1	0.03	1.5	<0.1	<0.05	4	0.6	<0.2
1031404	Soil	14	22	0.35	86	0.022	<1	1.22	0.004	0.04	0.2	0.02	1.9	<0.1	<0.05	3	0.8	<0.2
1031409	Soil	47	30	0.77	43	0.007	<1	1.87	0.004	0.04	<0.1	<0.01	1.3	<0.1	<0.05	5	<0.5	<0.2
1031422	Soil	14	31	0.46	75	0.026	<1	1.52	0.004	0.03	0.2	0.02	2.6	<0.1	<0.05	4	0.6	<0.2
1031423	Soil	23	24	0.41	88	0.027	<1	1.37	0.005	0.05	0.2	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1031425	Soil	29	24	0.47	152	0.028	<1	1.39	0.006	0.04	0.2	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
1031410	Soil	21	22	0.36	51	0.023	<1	1.33	0.003	0.04	0.2	0.02	1.5	<0.1	<0.05	5	<0.5	<0.2
1031414	Soil	17	21	0.41	101	0.028	<1	1.39	0.006	0.05	0.2	0.02	2.1	<0.1	<0.05	3	0.5	<0.2
1031413	Soil	47	20	0.78	44	0.005	<1	1.50	0.005	0.04	<0.1	<0.01	1.1	<0.1	0.06	4	<0.5	<0.2
1031412	Soil	45	20	0.80	44	0.004	<1	1.55	0.005	0.04	<0.1	<0.01	1.0	<0.1	0.05	4	<0.5	<0.2
1031411	Soil	15	33	0.43	99	0.039	1	2.03	0.006	0.04	0.2	0.07	3.0	0.1	<0.05	5	0.8	<0.2
1031429	Soil	26	18	0.34	98	0.015	<1	1.11	0.005	0.04	0.1	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1031417	Soil	47	22	0.43	143	0.019	<1	1.26	0.006	0.06	0.1	0.03	3.0	<0.1	<0.05	3	0.6	<0.2
1031416	Soil	36	23	0.49	101	0.026	<1	1.51	0.005	0.05	0.1	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
1031415	Soil	49	21	0.81	162	0.011	<1	1.60	0.011	0.05	<0.1	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
1031430	Soil	39	20	0.47	152	0.015	<1	1.29	0.006	0.05	0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1031427	Soil	21	25	0.42	181	0.025	1	1.39	0.006	0.05	0.2	0.03	2.0	<0.1	<0.05	4	0.7	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031418	Soil	1.0	8.6	13.2	42	<0.1	13.2	6.3	263	2.77	11.9	0.6	1.3	3.7	9	0.2	0.7	0.2	51	0.08	0.031
1031419	Soil	1.1	24.5	13.9	54	<0.1	21.9	10.1	298	2.72	12.0	1.2	1.4	4.9	15	<0.1	0.7	0.2	48	0.14	0.053
1031431	Soil	0.9	21.7	11.9	56	<0.1	17.3	7.6	218	2.22	8.4	0.9	4.0	3.7	15	0.2	0.7	0.2	31	0.13	0.049
1031428	Soil	0.8	18.5	14.4	47	<0.1	14.6	5.6	164	2.08	8.4	1.0	2.5	1.4	12	0.2	0.6	0.2	32	0.09	0.048
1031426	Soil	0.9	24.9	12.3	60	<0.1	20.1	9.4	307	2.29	9.1	1.2	3.0	5.4	14	0.1	0.6	0.2	37	0.14	0.046
1031420	Soil	0.8	28.9	15.0	58	<0.1	25.7	10.6	341	2.51	9.5	1.3	1.9	6.7	13	0.2	0.7	0.2	32	0.10	0.042
1031436	Soil	0.6	21.6	8.4	45	<0.1	19.9	7.4	274	1.80	9.1	0.7	2.1	3.4	15	<0.1	0.7	0.2	26	0.17	0.054
1031434	Soil	0.8	13.1	8.7	51	<0.1	16.8	9.2	368	2.04	11.4	0.6	3.6	1.6	15	0.2	0.6	0.2	31	0.17	0.059
1031433	Soil	1.5	34.6	10.8	82	0.1	28.6	10.3	350	2.72	11.2	0.9	5.9	5.6	31	0.2	1.2	0.2	56	0.37	0.080
1031432	Soil	0.7	22.9	11.3	50	<0.1	20.3	8.4	252	2.12	10.7	0.8	3.3	2.5	14	<0.1	0.7	0.2	34	0.14	0.049
1071361	Soil	1.2	17.2	12.3	41	0.3	25.2	8.8	338	2.88	7.7	0.9	4.0	3.8	24	0.1	0.8	0.2	44	0.26	0.040
1031435	Soil	0.4	25.0	7.7	49	<0.1	20.7	8.0	296	1.85	10.3	0.7	1.6	3.8	18	<0.1	0.7	0.1	30	0.20	0.055
1031437	Soil	0.8	33.1	16.7	62	0.2	26.2	10.7	474	2.37	13.1	0.7	1.5	8.0	15	0.1	1.8	0.2	21	0.16	0.052
1031438	Soil	0.6	27.3	17.0	62	<0.1	25.5	11.1	432	2.64	12.3	0.9	1.7	8.3	13	<0.1	1.8	0.2	22	0.11	0.041
1071279	Soil	1.0	19.2	14.0	63	0.2	22.7	7.8	193	1.88	4.0	0.6	1.8	2.8	13	<0.1	1.8	0.2	27	0.13	0.037
1071367	Soil	1.6	58.1	14.7	91	0.7	39.6	12.6	364	2.74	11.7	1.6	7.6	2.9	68	0.4	4.0	0.2	26	0.88	0.067
1071365	Soil	1.7	47.4	11.9	63	0.8	33.5	10.9	611	2.68	6.9	1.9	5.4	2.2	67	0.2	1.4	0.2	30	1.01	0.076
1071278	Soil	1.5	48.3	19.0	83	0.6	31.5	10.5	435	2.70	18.4	1.5	6.6	2.0	74	0.4	5.5	0.2	28	1.06	0.057
1071362	Soil	1.6	28.4	14.7	64	0.4	29.9	11.0	430	2.63	8.6	1.3	5.7	2.6	37	0.2	1.3	0.2	42	0.35	0.058
1071366	Soil	2.2	28.7	12.2	64	1.1	27.8	10.8	262	2.82	9.0	1.3	3.8	3.6	28	0.5	1.4	0.2	48	0.17	0.051
1071363	Soil	0.9	13.1	10.9	49	0.1	16.5	6.4	257	1.83	4.2	0.5	2.0	3.5	17	0.2	0.5	0.2	34	0.18	0.026
1071368	Soil	3.0	78.2	20.1	99	0.6	47.5	16.5	393	4.25	8.1	1.2	6.9	6.9	65	0.1	5.9	0.3	28	0.38	0.028
1071293	Soil	1.7	96.4	17.6	51	1.5	30.6	10.0	501	2.18	4.3	2.0	1.1	1.4	26	4.0	0.7	0.3	43	0.21	0.047
1071290	Soil	1.7	10.8	11.8	37	0.2	9.4	3.9	164	2.00	7.7	0.5	4.3	1.7	12	0.4	0.6	0.3	52	0.10	0.031
1071288	Soil	0.9	22.7	10.0	33	<0.1	11.6	4.3	121	2.06	7.9	0.9	2.2	0.2	12	0.2	0.7	0.2	43	0.11	0.049
1071364	Soil	0.8	6.3	10.1	32	<0.1	8.6	3.7	105	1.60	6.3	0.5	1.6	3.4	17	0.2	0.3	0.2	48	0.14	0.015
1071292	Soil	3.8	35.2	17.6	105	0.3	42.2	11.6	334	2.76	9.8	1.2	3.3	1.9	21	0.7	1.5	0.2	41	0.17	0.056
1071298	Soil	1.4	25.1	14.3	62	<0.1	25.1	12.8	441	2.84	10.9	1.1	3.1	5.6	14	0.2	1.3	0.2	46	0.12	0.040
1071291	Soil	2.2	49.0	17.6	84	1.1	41.1	11.6	418	3.00	9.6	2.6	10.3	2.0	48	0.3	1.7	0.2	40	0.61	0.106
1071289	Soil	2.3	58.8	33.6	145	0.5	52.6	16.1	389	2.86	11.6	2.0	9.0	2.4	45	0.8	4.1	0.2	40	0.29	0.102

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000182.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031418	Soil		15	29	0.36	89	0.035	1	1.54	0.005	0.04	0.1	0.03	2.1	0.1	<0.05	5	1.1	<0.2
1031419	Soil		28	31	0.48	218	0.031	1	1.80	0.008	0.06	0.2	0.03	3.5	0.1	<0.05	5	0.7	<0.2
1031431	Soil		24	20	0.38	191	0.024	<1	1.12	0.005	0.04	0.2	0.02	1.9	<0.1	<0.05	3	0.5	<0.2
1031428	Soil		22	19	0.32	111	0.018	<1	1.17	0.005	0.04	0.2	0.04	1.3	<0.1	<0.05	4	0.6	<0.2
1031426	Soil		25	25	0.48	185	0.030	1	1.39	0.006	0.05	0.2	0.03	2.7	<0.1	<0.05	4	<0.5	<0.2
1031420	Soil		31	35	0.58	131	0.022	<1	1.39	0.005	0.04	0.1	0.01	2.6	<0.1	<0.05	4	<0.5	<0.2
1031436	Soil		16	18	0.32	188	0.029	<1	0.81	0.005	0.03	0.2	0.03	1.8	<0.1	<0.05	2	<0.5	<0.2
1031434	Soil		14	18	0.35	156	0.029	2	0.90	0.006	0.04	0.1	0.01	1.5	<0.1	<0.05	3	0.6	<0.2
1031433	Soil		16	32	0.46	270	0.063	1	1.14	0.013	0.08	0.2	0.03	4.1	<0.1	<0.05	4	<0.5	<0.2
1031432	Soil		19	21	0.34	208	0.024	1	1.02	0.005	0.03	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1071361	Soil		19	27	0.63	252	0.026	1	1.43	0.006	0.06	0.2	0.03	2.4	0.1	<0.05	5	0.5	<0.2
1031435	Soil		15	18	0.34	257	0.034	<1	0.77	0.007	0.03	0.2	0.02	2.1	<0.1	<0.05	2	<0.5	<0.2
1031437	Soil		23	18	0.35	213	0.025	<1	0.80	0.004	0.05	0.2	0.04	2.0	<0.1	<0.05	2	<0.5	<0.2
1031438	Soil		28	20	0.40	157	0.027	<1	1.04	0.007	0.06	0.2	0.03	2.2	<0.1	<0.05	3	0.5	<0.2
1071279	Soil		17	20	0.42	165	0.013	<1	0.99	0.004	0.08	0.1	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1071367	Soil		20	20	0.63	403	0.015	3	0.92	0.006	0.10	0.1	0.10	4.2	0.2	<0.05	3	0.8	<0.2
1071365	Soil		22	23	0.71	500	0.015	4	1.21	0.006	0.11	<0.1	0.10	3.6	0.1	<0.05	3	1.1	<0.2
1071278	Soil		15	19	0.49	546	0.013	2	0.95	0.006	0.07	0.2	0.10	3.4	0.1	0.06	3	1.0	<0.2
1071362	Soil		19	26	0.51	517	0.020	2	1.35	0.007	0.08	0.2	0.06	3.4	0.1	<0.05	4	<0.5	<0.2
1071366	Soil		16	26	0.37	256	0.031	2	1.47	0.006	0.07	0.2	0.09	3.3	0.2	<0.05	5	<0.5	<0.2
1071363	Soil		18	20	0.44	198	0.023	<1	1.02	0.005	0.08	<0.1	0.02	2.0	0.1	<0.05	4	<0.5	<0.2
1071368	Soil		33	24	0.69	368	0.009	2	1.24	0.004	0.11	0.2	0.07	6.3	0.2	<0.05	4	0.7	<0.2
1071293	Soil		25	23	0.22	366	0.033	2	1.36	0.007	0.07	<0.1	0.04	3.0	0.1	<0.05	6	0.9	<0.2
1071290	Soil		15	19	0.23	103	0.045	<1	0.89	0.005	0.05	<0.1	0.02	1.3	0.1	<0.05	6	<0.5	<0.2
1071288	Soil		11	22	0.27	140	0.015	<1	1.25	0.006	0.03	0.2	0.05	0.6	0.1	<0.05	4	0.7	<0.2
1071364	Soil		15	19	0.33	245	0.041	<1	1.05	0.005	0.05	0.1	0.02	1.6	0.1	<0.05	5	<0.5	<0.2
1071292	Soil		19	26	0.52	331	0.028	2	1.31	0.006	0.10	<0.1	0.05	2.7	0.2	<0.05	4	0.9	<0.2
1071298	Soil		17	29	0.48	177	0.045	1	1.68	0.006	0.07	0.2	0.04	3.5	0.2	<0.05	5	<0.5	<0.2
1071291	Soil		19	29	0.79	406	0.022	2	1.63	0.008	0.09	0.1	0.08	3.5	0.2	<0.05	4	0.9	<0.2
1071289	Soil		21	29	1.60	221	0.028	1	1.70	0.006	0.10	0.1	0.04	3.0	0.2	<0.05	5	1.1	<0.2

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Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000182.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1071297	Soil		6.1	41.8	13.0	113	<0.1	36.8	10.6	196	2.35	15.3	0.9	1.6	1.7	34	0.2	6.5	0.2	27	0.03	0.045
1071295	Soil		1.3	50.2	22.2	91	<0.1	40.6	20.4	704	4.24	9.1	1.2	4.7	9.7	41	0.3	1.0	0.3	106	0.50	0.119
1071296	Soil		1.5	11.3	16.9	19	0.2	5.1	2.0	83	1.60	10.1	0.6	1.4	1.0	9	<0.1	0.7	0.2	63	0.06	0.024
1071294	Soil		1.0	14.4	11.6	63	0.2	15.0	8.5	363	2.83	9.9	0.7	1.0	3.1	12	0.4	0.6	0.2	54	0.12	0.047
1071355	Soil		2.7	48.6	9.9	125	0.4	74.1	23.1	390	3.98	6.5	1.0	1.4	3.1	188	0.7	2.1	0.1	68	0.38	0.152
1071352	Soil		3.4	29.4	17.6	69	0.1	26.5	9.3	282	2.77	10.2	1.1	3.0	3.7	31	0.2	1.1	0.2	49	0.11	0.073
1071356	Soil		2.8	46.9	16.1	92	0.6	54.1	17.3	300	3.74	10.8	1.3	2.3	0.3	111	0.8	1.5	0.2	72	0.36	0.152
1071357	Soil		3.1	45.5	17.1	95	0.1	53.1	21.6	556	3.37	12.9	1.2	1.4	4.7	50	0.3	2.3	0.2	44	0.19	0.103
1071299	Soil		1.4	26.1	14.8	64	<0.1	25.7	13.1	462	2.88	11.5	1.1	4.2	5.8	15	0.2	1.3	0.2	47	0.13	0.044
1071353	Soil		4.3	41.5	18.2	83	1.0	31.9	6.5	170	2.60	12.1	2.1	3.8	0.4	102	0.4	1.7	0.2	45	0.37	0.153
1071351	Soil		4.6	32.6	22.2	87	0.3	33.9	17.1	1165	2.79	11.7	1.2	2.6	2.5	48	0.3	1.9	0.3	57	0.16	0.116
1071359	Soil		7.6	54.5	28.4	43	0.5	74.3	23.6	418	5.30	15.1	1.2	2.9	1.2	139	0.1	4.9	0.2	79	0.09	0.141
1071360	Soil		1.3	18.8	11.7	42	0.3	28.1	9.6	512	3.29	8.3	0.9	6.8	4.0	31	0.1	0.8	0.2	37	0.38	0.045
1071300	Soil		2.1	29.7	15.8	94	0.1	36.3	14.5	683	3.49	19.7	1.0	1.4	3.8	30	0.5	3.4	0.2	41	0.12	0.069
1071354	Soil		7.0	41.3	20.2	86	1.7	28.8	16.9	1845	2.25	10.8	2.8	5.1	1.8	288	0.7	2.7	0.3	46	0.84	0.217
1071358	Soil		1.5	22.9	12.9	50	0.3	21.0	7.9	254	2.31	8.2	1.0	1.4	1.3	39	0.2	0.8	0.2	44	0.22	0.069
1096265	Soil		0.8	26.7	10.2	64	0.2	28.4	8.5	289	2.28	11.2	1.1	3.1	5.8	29	0.3	1.5	0.2	36	0.31	0.069
1096269	Soil		0.6	20.8	11.7	55	0.2	24.0	9.7	460	2.22	15.5	0.6	2.7	2.7	123	0.4	1.5	0.3	37	1.35	0.084
1096267	Soil		0.7	28.5	13.0	71	0.2	28.1	9.2	323	2.30	13.6	0.7	3.9	3.9	80	0.5	1.7	0.3	43	0.96	0.078
1096263	Soil		1.1	14.2	11.1	47	0.1	13.6	6.5	274	2.26	14.1	0.9	<0.5	0.5	12	0.2	0.9	0.4	51	0.10	0.055
1096272	Soil		1.3	33.6	10.5	67	0.3	24.3	8.5	269	2.51	16.6	1.1	4.1	2.8	26	0.1	1.5	0.2	53	0.22	0.062
1096274	Soil		1.0	26.1	11.9	56	0.2	21.7	9.0	254	2.48	29.5	1.9	5.0	3.7	30	0.2	1.2	0.4	59	0.25	0.067
1096264	Soil		0.9	12.7	11.3	58	<0.1	15.7	6.6	278	2.68	19.2	0.7	21.3	2.6	9	0.2	1.3	0.4	47	0.09	0.036
1096266	Soil		1.5	30.4	14.0	71	0.1	24.0	7.9	274	2.59	25.2	1.0	5.6	2.5	24	0.2	4.6	0.4	68	0.29	0.077
1096271	Soil		1.1	65.9	9.6	62	0.3	24.0	8.7	196	2.13	12.5	1.2	3.8	3.2	19	0.2	1.2	0.2	51	0.19	0.082
1096270	Soil		1.0	38.1	10.9	71	0.2	27.3	9.3	304	2.54	41.1	1.2	4.0	4.6	43	0.3	1.4	0.3	56	0.49	0.078
1096268	Soil		0.4	19.6	11.7	61	0.1	22.7	9.5	352	2.16	14.5	0.6	3.8	4.0	100	0.3	1.3	0.3	38	1.37	0.083
1096273	Soil		1.1	32.3	9.8	69	0.2	25.6	9.3	320	2.31	25.0	1.1	4.4	4.2	35	0.4	1.4	0.3	56	0.30	0.080
1096252	Soil		0.9	35.9	16.1	74	0.3	31.6	13.1	470	3.10	18.3	1.4	7.6	5.9	12	0.4	8.3	0.4	47	0.13	0.060
1096259	Soil		0.9	23.9	10.5	60	0.1	20.0	9.7	372	2.54	13.6	1.3	32.4	5.1	13	0.3	1.6	0.3	47	0.15	0.068

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1071297	Soil		23	11	0.06	134	0.011	2	0.38	0.003	0.11	0.2	0.03	1.2	0.3	<0.05	2	0.8	<0.2
1071295	Soil		21	110	2.08	514	0.252	2	2.41	0.011	0.40	0.3	0.01	6.7	0.6	<0.05	9	0.6	<0.2
1071296	Soil		15	14	0.11	73	0.057	<1	0.85	0.004	0.03	0.1	0.03	1.1	0.2	<0.05	7	<0.5	<0.2
1071294	Soil		14	30	0.38	159	0.040	1	1.92	0.007	0.05	0.2	0.01	2.2	0.1	<0.05	5	<0.5	<0.2
1071355	Soil		23	48	0.89	1424	0.018	2	1.65	0.012	0.08	<0.1	0.06	3.5	0.1	0.06	5	1.1	<0.2
1071352	Soil		19	27	0.46	255	0.028	1	1.51	0.005	0.09	0.1	0.03	2.3	0.1	<0.05	4	0.7	<0.2
1071356	Soil		19	46	0.53	2494	0.015	2	1.64	0.012	0.09	<0.1	0.09	1.8	0.1	0.11	5	1.5	<0.2
1071357	Soil		25	26	0.54	505	0.021	2	1.21	0.007	0.11	0.1	0.02	2.6	0.1	<0.05	3	0.8	<0.2
1071299	Soil		19	29	0.50	193	0.048	1	1.70	0.006	0.08	0.2	0.05	3.6	0.2	<0.05	5	<0.5	<0.2
1071353	Soil		17	24	0.38	874	0.011	1	1.15	0.007	0.09	0.1	0.24	0.8	0.2	0.11	4	1.2	<0.2
1071351	Soil		19	24	0.43	479	0.033	2	1.17	0.005	0.13	0.1	0.02	2.4	0.2	<0.05	5	1.0	<0.2
1071359	Soil		30	40	0.60	409	0.011	2	1.20	0.004	0.09	0.1	0.02	2.4	0.3	0.05	5	2.3	<0.2
1071360	Soil		17	25	0.74	277	0.015	2	1.48	0.006	0.06	0.1	0.04	3.0	0.1	<0.05	4	0.6	<0.2
1071300	Soil		15	26	0.34	201	0.026	3	1.29	0.006	0.08	0.2	0.04	2.5	0.2	<0.05	4	0.8	<0.2
1071354	Soil		17	25	0.34	2757	0.011	3	1.30	0.006	0.08	<0.1	0.39	2.4	0.3	0.12	3	3.2	<0.2
1071358	Soil		16	29	0.46	759	0.016	<1	1.36	0.007	0.06	0.1	0.04	2.1	0.1	<0.05	4	<0.5	<0.2
1096265	Soil		22	25	0.42	300	0.046	2	1.45	0.011	0.07	0.3	0.03	3.7	0.1	<0.05	4	0.7	<0.2
1096269	Soil		16	24	0.45	230	0.025	2	1.85	0.063	0.05	0.2	0.05	2.5	0.1	<0.05	5	0.5	<0.2
1096267	Soil		17	27	0.57	233	0.041	<1	2.10	0.053	0.06	0.2	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
1096263	Soil		12	27	0.32	125	0.035	<1	1.23	0.006	0.08	0.2	0.04	1.2	0.2	0.06	6	<0.5	<0.2
1096272	Soil		15	31	0.47	364	0.048	<1	1.60	0.011	0.06	0.2	0.05	2.8	0.2	<0.05	5	<0.5	<0.2
1096274	Soil		17	35	0.66	245	0.058	1	2.13	0.010	0.10	0.3	0.04	3.1	0.3	<0.05	6	<0.5	<0.2
1096264	Soil		15	26	0.40	91	0.050	<1	1.43	0.005	0.08	0.3	<0.01	2.1	0.2	<0.05	5	<0.5	<0.2
1096266	Soil		15	31	0.56	229	0.049	<1	2.07	0.007	0.09	0.3	0.03	2.9	0.3	<0.05	7	0.8	<0.2
1096271	Soil		13	27	0.54	149	0.039	<1	1.52	0.006	0.06	0.2	0.05	2.4	0.1	<0.05	4	1.0	<0.2
1096270	Soil		17	29	0.75	280	0.059	<1	1.96	0.020	0.12	0.3	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
1096268	Soil		16	26	0.70	209	0.040	2	2.11	0.073	0.06	0.2	0.04	2.9	0.1	<0.05	6	0.6	<0.2
1096273	Soil		18	30	0.63	475	0.070	<1	1.63	0.013	0.13	0.2	0.03	2.9	0.2	<0.05	5	0.8	<0.2
1096252	Soil		23	44	0.47	189	0.051	<1	1.47	0.006	0.16	1.0	0.04	4.1	0.2	<0.05	5	0.7	<0.2
1096259	Soil		20	27	0.46	157	0.053	1	1.35	0.006	0.09	0.6	0.03	3.2	0.2	<0.05	4	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000182.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096262	Soil	0.9	17.7	10.3	49	0.1	17.4	5.7	224	2.47	15.1	0.9	4.4	1.7	11	0.1	1.3	0.5	50	0.10	0.053
1096251	Soil	0.8	33.9	16.2	77	0.3	29.3	12.9	538	2.95	19.8	1.4	16.1	7.4	14	0.5	8.2	0.3	43	0.16	0.071
1096253	Soil	0.8	32.0	12.9	66	0.2	26.9	12.9	553	2.93	14.7	1.1	20.0	5.2	12	0.4	3.8	0.3	46	0.10	0.045
1096257	Soil	0.8	31.7	9.3	58	0.1	24.1	9.5	361	2.48	11.3	1.5	8.1	5.0	13	0.2	2.2	0.8	45	0.14	0.051
1096261	Soil	0.9	17.2	9.9	56	<0.1	17.3	7.5	318	2.56	20.2	0.8	5.4	2.7	11	0.2	1.2	0.5	42	0.11	0.049
1096254	Soil	0.8	30.7	11.6	66	0.2	28.0	12.2	511	2.80	15.9	1.3	10.4	6.2	14	0.4	3.5	0.3	47	0.15	0.050
1096255	Soil	0.7	35.3	11.3	66	0.2	29.8	10.9	417	2.65	11.3	1.3	7.6	6.9	17	0.4	3.1	0.5	45	0.19	0.061
1096260	Soil	0.6	16.8	8.2	50	0.1	16.7	6.0	240	2.27	15.8	0.8	6.7	3.5	11	0.2	1.5	0.3	39	0.13	0.053
1096258	Soil	1.1	25.1	11.2	63	0.2	22.9	8.2	305	2.71	12.8	1.3	3.1	2.8	13	0.2	1.3	0.8	51	0.11	0.056
1096256	Soil	0.9	30.4	12.6	65	0.4	27.0	9.6	371	2.80	14.1	1.3	16.0	3.9	13	0.2	2.9	0.3	53	0.11	0.061
1071287	Soil	3.0	71.3	35.2	149	1.1	40.8	8.7	170	4.47	14.8	1.7	6.4	3.2	51	0.4	2.8	0.3	55	0.12	0.100
1096282	Soil	0.9	20.8	10.8	47	<0.1	16.0	7.8	247	2.35	37.7	3.0	8.4	7.6	22	0.1	1.7	0.7	48	0.22	0.065
1096280	Soil	0.6	19.3	10.6	56	0.1	17.5	8.1	302	2.18	24.1	2.2	5.1	9.9	26	0.2	1.5	0.4	44	0.27	0.072
1096277	Soil	9.5	89.5	14.8	185	0.6	55.9	7.6	222	1.89	9.7	2.7	1.3	8.0	50	1.5	2.3	0.6	312	0.86	0.075
1096276	Soil	1.9	78.9	112.8	230	0.6	36.0	24.9	488	3.66	46.4	2.9	1.6	11.0	89	2.8	1.4	0.9	74	0.84	0.179
1096283	Soil	0.7	21.1	9.7	50	<0.1	16.0	7.0	209	2.15	24.4	2.4	8.1	8.7	18	0.1	1.2	0.5	43	0.20	0.067
1096279	Soil	1.4	25.2	20.9	78	0.3	25.5	10.7	363	2.82	21.3	1.2	2.5	5.0	25	0.4	5.2	0.3	50	0.23	0.072
1096278	Soil	11.2	98.4	16.8	218	0.7	58.6	8.1	241	2.15	12.0	2.7	<0.5	8.3	45	1.6	2.8	0.7	315	0.87	0.073
1149712	Soil	1.2	10.8	11.8	48	<0.1	13.3	6.7	256	2.32	9.1	0.8	0.7	2.7	9	0.2	0.6	0.2	53	0.07	0.023
1149702	Soil	0.7	13.2	16.5	46	<0.1	16.3	7.9	363	1.95	8.8	0.5	0.5	4.5	9	0.1	0.6	0.1	25	0.08	0.036
1149703	Soil	0.6	18.4	9.3	56	<0.1	21.3	7.9	328	1.91	10.2	0.6	2.2	4.6	16	0.3	0.7	0.1	27	0.18	0.069
1096275	Soil	1.9	92.4	84.9	199	0.5	37.0	26.1	452	3.52	54.3	3.4	2.1	11.2	80	2.6	1.2	0.8	72	0.77	0.187
1149707	Soil	1.1	14.6	14.7	52	<0.1	14.6	7.6	359	2.56	9.9	0.7	1.3	0.9	9	0.2	0.6	0.2	39	0.06	0.041
1149701	Soil	0.9	14.1	18.3	49	<0.1	17.8	10.3	338	2.15	9.2	0.7	<0.5	4.3	13	0.2	0.7	0.1	30	0.11	0.058
1149711	Soil	0.5	34.1	18.8	55	<0.1	24.9	12.0	278	2.43	8.8	1.2	0.9	6.5	8	<0.1	0.5	0.2	20	0.04	0.028
1149706	Soil	0.7	22.8	19.9	57	<0.1	20.9	12.2	362	2.60	14.1	0.7	8.5	5.5	8	0.1	0.6	0.2	28	0.06	0.041
1096281	Soil	0.7	13.7	9.5	42	<0.1	12.6	5.7	198	2.04	18.7	1.3	6.3	3.3	14	0.1	1.0	0.3	42	0.13	0.050
1149704	Soil	0.9	16.5	15.2	52	<0.1	22.4	10.7	306	2.24	8.6	0.8	0.7	6.6	9	0.2	0.8	0.2	30	0.06	0.033
1149705	Soil	0.3	70.2	27.9	96	<0.1	42.9	30.4	542	4.31	19.0	2.9	0.8	25.7	15	0.2	0.2	0.4	9	0.09	0.065
1149710	Soil	0.7	30.8	11.2	57	<0.1	29.0	14.2	661	3.28	9.6	0.7	2.9	5.6	13	<0.1	0.6	0.2	34	0.11	0.063

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Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000182.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096262	Soil		16	30	0.43	130	0.053	<1	1.60	0.006	0.11	0.3	0.05	2.3	0.2	<0.05	6	0.6	<0.2
1096251	Soil		23	32	0.36	160	0.049	1	1.17	0.006	0.16	0.9	0.05	3.6	0.2	<0.05	4	<0.5	<0.2
1096253	Soil		21	36	0.45	219	0.047	<1	1.61	0.006	0.17	0.9	0.04	3.1	0.2	<0.05	5	<0.5	<0.2
1096257	Soil		20	33	0.46	158	0.063	<1	1.45	0.006	0.14	0.6	0.04	3.3	0.2	<0.05	5	<0.5	<0.2
1096261	Soil		15	27	0.41	128	0.043	<1	1.57	0.006	0.08	0.4	0.03	2.3	0.2	<0.05	5	0.7	<0.2
1096254	Soil		22	37	0.46	231	0.061	<1	1.44	0.006	0.17	1.1	0.04	3.1	0.2	<0.05	5	<0.5	<0.2
1096255	Soil		21	40	0.50	215	0.070	<1	1.43	0.007	0.19	0.9	0.03	3.6	0.3	<0.05	4	<0.5	<0.2
1096260	Soil		16	25	0.37	107	0.046	<1	1.24	0.006	0.09	0.4	0.02	2.1	0.2	<0.05	4	<0.5	<0.2
1096258	Soil		18	33	0.52	160	0.050	<1	1.71	0.007	0.11	0.4	0.04	2.9	0.2	<0.05	6	<0.5	<0.2
1096256	Soil		19	40	0.49	160	0.059	<1	1.61	0.007	0.15	0.8	0.05	3.3	0.3	<0.05	6	0.7	<0.2
1071287	Soil		14	30	0.52	195	0.030	2	1.86	0.006	0.09	0.2	0.05	2.0	0.2	0.09	6	2.0	<0.2
1096282	Soil		23	34	0.53	191	0.085	1	1.59	0.007	0.17	0.7	0.01	3.2	0.3	<0.05	6	0.6	<0.2
1096280	Soil		25	30	0.56	306	0.095	2	1.27	0.009	0.17	0.8	0.02	3.1	0.3	<0.05	4	<0.5	<0.2
1096277	Soil		8	73	3.11	333	0.099	2	2.60	0.020	0.25	0.1	0.02	4.5	0.5	<0.05	11	1.3	<0.2
1096276	Soil		25	39	1.08	389	0.039	<1	2.56	0.005	0.30	0.1	<0.01	8.1	0.3	<0.05	9	<0.5	<0.2
1096283	Soil		26	31	0.51	174	0.086	2	1.41	0.007	0.14	0.5	0.02	2.9	0.3	<0.05	5	<0.5	<0.2
1096279	Soil		21	33	0.55	375	0.052	2	1.46	0.007	0.11	0.3	0.03	3.3	0.2	<0.05	5	0.6	<0.2
1096278	Soil		8	74	3.31	365	0.106	2	2.72	0.018	0.27	0.2	0.02	4.9	0.5	<0.05	11	1.1	<0.2
1149712	Soil		17	27	0.37	164	0.038	1	1.60	0.007	0.04	0.2	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
1149702	Soil		14	16	0.27	77	0.015	1	0.97	0.004	0.03	0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1149703	Soil		14	16	0.32	109	0.029	<1	0.88	0.005	0.04	0.2	0.01	1.5	<0.1	<0.05	2	<0.5	<0.2
1096275	Soil		25	39	1.08	375	0.037	<1	2.58	0.005	0.30	0.1	<0.01	8.1	0.3	<0.05	8	0.6	<0.2
1149707	Soil		16	22	0.29	78	0.018	2	1.07	0.004	0.04	<0.1	0.02	0.9	<0.1	<0.05	5	0.7	<0.2
1149701	Soil		20	17	0.26	83	0.020	<1	0.98	0.004	0.05	0.1	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
1149711	Soil		31	18	0.41	73	0.014	<1	1.20	0.003	0.04	<0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1149706	Soil		20	23	0.45	64	0.018	<1	1.40	0.004	0.04	0.1	0.01	1.8	<0.1	<0.05	4	0.6	<0.2
1096281	Soil		19	24	0.38	141	0.046	2	1.40	0.005	0.08	0.4	0.02	2.1	0.2	<0.05	5	<0.5	<0.2
1149704	Soil		20	20	0.30	132	0.023	1	1.26	0.004	0.05	0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1149705	Soil		74	20	0.76	61	0.002	<1	1.58	0.003	0.03	<0.1	0.01	2.5	<0.1	<0.05	5	<0.5	<0.2
1149710	Soil		21	30	0.63	125	0.017	<1	1.73	0.003	0.03	0.1	0.02	2.7	<0.1	<0.05	5	0.9	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1149719	Soil	0.6	18.7	9.0	43	<0.1	16.6	6.9	270	1.67	8.8	0.6	<0.5	3.7	13	0.1	0.6	<0.1	23	0.13	0.042
1149708	Soil	0.4	30.8	15.8	56	<0.1	25.6	9.8	353	2.25	5.0	1.1	2.8	11.3	17	<0.1	0.3	0.3	8	0.12	0.030
1149728	Soil	0.5	42.6	20.3	70	<0.1	32.1	16.5	1073	3.59	8.4	0.9	<0.5	14.8	22	<0.1	2.9	0.4	9	0.68	0.045
1149726	Soil	1.4	31.8	36.6	44	0.3	12.2	6.1	227	2.54	18.3	0.8	2.0	7.8	31	<0.1	4.0	0.7	4	0.01	0.021
1149729	Soil	0.3	42.1	22.2	73	<0.1	32.1	16.4	1000	4.01	7.3	0.9	<0.5	15.6	15	0.1	2.5	0.4	8	0.39	0.049
1149709	Soil	0.5	33.7	22.8	78	<0.1	30.3	16.5	568	3.30	10.9	0.8	2.3	12.7	6	0.1	0.5	0.2	20	0.04	0.033
1149730	Soil	0.8	19.4	13.1	48	<0.1	17.3	8.9	396	2.20	11.8	0.9	2.0	5.1	12	0.2	1.6	0.2	27	0.08	0.045
1149727	Soil	1.3	31.3	39.9	45	0.3	12.9	7.0	229	2.33	16.8	1.1	1.1	10.8	51	0.1	4.9	0.7	3	<0.01	0.024
1149714	Soil	1.0	23.0	11.7	55	<0.1	22.2	9.2	339	2.27	10.9	0.8	2.2	4.9	10	0.3	0.9	0.1	37	0.08	0.037
1149715	Soil	0.6	17.6	11.3	48	<0.1	18.9	9.8	314	2.13	11.0	0.8	3.1	5.2	10	0.2	0.7	0.1	32	0.08	0.035
1149724	Soil	0.2	41.9	42.3	73	<0.1	32.9	20.9	294	2.85	27.3	1.4	1.0	21.9	11	<0.1	0.2	1.0	8	0.09	0.047
1149725	Soil	0.6	31.2	18.8	69	<0.1	27.5	12.3	449	2.74	9.9	1.2	3.0	9.7	12	0.1	0.6	0.2	25	0.06	0.024
1149721	Soil	1.1	11.4	44.2	44	<0.1	15.9	6.2	325	2.44	10.2	0.6	<0.5	4.8	9	<0.1	0.6	0.2	36	0.06	0.032
1149720	Soil	0.9	19.2	38.3	54	<0.1	20.7	9.2	420	2.38	9.8	0.7	2.7	7.4	12	0.2	0.6	0.1	28	0.07	0.021
1149722	Soil	0.8	18.3	12.1	52	<0.1	19.4	9.4	332	2.23	11.5	0.7	1.9	5.3	10	0.2	0.6	0.2	30	0.09	0.036
1149713	Soil	0.9	18.0	20.8	52	<0.1	17.3	7.8	309	2.36	11.3	0.8	8.5	3.4	11	0.1	0.5	0.3	29	0.10	0.070
1149718	Soil	0.8	14.5	12.6	47	<0.1	19.3	9.7	260	2.07	10.3	0.6	2.1	2.9	13	<0.1	0.5	0.2	32	0.17	0.069
1149717	Soil	0.9	21.4	40.3	48	<0.1	18.8	13.1	423	2.41	14.2	0.6	2.0	4.8	7	<0.1	0.4	0.3	31	0.07	0.047
1149716	Soil	0.2	99.7	19.6	86	<0.1	46.3	23.5	336	3.84	1.6	1.6	<0.5	12.6	11	<0.1	0.1	0.4	7	0.07	0.043
1149723	Soil	0.9	13.3	20.9	57	<0.1	19.3	11.5	624	2.25	9.6	0.7	5.6	4.7	9	0.1	0.6	0.2	33	0.10	0.068
1149731	Soil	0.7	18.1	25.5	48	0.2	17.2	7.4	495	2.53	12.6	0.6	0.9	4.7	9	0.3	4.2	0.3	34	0.11	0.026
1149732	Soil	0.5	24.6	15.3	49	0.2	20.8	8.4	190	2.02	14.8	0.9	2.2	6.2	240	0.2	5.3	0.2	6	15.05	0.034
1149733	Soil	0.6	26.5	27.6	108	<0.1	33.3	12.4	399	3.78	5.7	0.7	<0.5	11.0	27	0.2	2.9	0.2	6	0.30	0.148
1149734	Soil	0.8	49.5	44.0	27	4.2	19.0	10.9	152	3.06	14.7	1.4	<0.5	15.4	35	<0.1	12.6	1.0	<2	0.07	0.039
1148873	Soil	1.7	30.0	39.8	97	<0.1	24.7	13.8	389	3.57	12.2	0.8	7.0	5.9	9	0.2	1.8	0.3	47	0.05	0.038
1148874	Soil	4.6	33.3	27.9	153	0.2	814.2	71.4	2248	9.68	29.8	0.6	3.7	36.8	208	0.3	9.4	0.1	240	1.16	0.062
1149736	Soil	0.6	22.5	18.6	64	<0.1	23.5	13.2	312	2.64	4.6	0.7	0.9	5.8	12	0.1	0.4	0.3	20	0.07	0.048
1149735	Soil	0.8	33.6	25.6	71	0.3	27.7	11.8	638	2.89	9.9	0.8	0.9	10.1	18	0.2	3.1	0.3	18	0.66	0.036
1148891	Soil	0.7	15.9	9.5	46	<0.1	20.9	11.2	264	2.11	13.4	0.6	1.2	4.5	11	<0.1	0.8	0.2	31	0.14	0.056
1148895	Soil	0.7	11.9	15.4	31	<0.1	12.3	4.7	115	1.82	5.4	0.6	<0.5	0.9	11	<0.1	0.4	0.3	31	0.09	0.039

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Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000182.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1149719	Soil		14	14	0.27	157	0.019	1	0.75	0.004	0.03	0.1	0.03	1.6	<0.1	<0.05	2	0.8	<0.2
1149708	Soil		45	8	0.18	94	0.002	<1	0.60	0.005	0.05	<0.1	0.03	1.3	<0.1	<0.05	2	<0.5	<0.2
1149728	Soil		47	9	0.15	102	0.003	<1	0.72	0.003	0.04	<0.1	0.03	3.7	<0.1	<0.05	2	<0.5	<0.2
1149726	Soil		19	5	0.01	40	<0.001	<1	0.18	0.003	0.02	<0.1	0.04	1.5	<0.1	<0.05	<1	2.0	<0.2
1149729	Soil		46	10	0.15	99	0.001	<1	0.77	0.002	0.03	<0.1	0.03	4.4	<0.1	<0.05	2	<0.5	<0.2
1149709	Soil		35	25	0.61	50	0.009	<1	1.59	0.004	0.05	<0.1	<0.01	2.1	<0.1	<0.05	5	0.6	<0.2
1149730	Soil		20	18	0.31	144	0.022	<1	1.21	0.005	0.04	0.1	0.02	2.4	<0.1	<0.05	3	<0.5	<0.2
1149727	Soil		27	4	0.01	58	<0.001	<1	0.17	0.003	0.03	<0.1	0.05	1.6	<0.1	<0.05	<1	1.4	<0.2
1149714	Soil		15	22	0.39	109	0.031	<1	1.32	0.004	0.04	0.2	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
1149715	Soil		17	21	0.35	140	0.025	<1	1.25	0.004	0.04	0.2	0.03	2.6	<0.1	<0.05	3	0.6	<0.2
1149724	Soil		76	17	0.59	49	0.004	<1	1.34	0.002	0.03	<0.1	<0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
1149725	Soil		35	21	0.46	162	0.021	1	1.26	0.004	0.04	0.1	0.03	2.7	<0.1	<0.05	4	<0.5	<0.2
1149721	Soil		15	21	0.30	87	0.025	1	1.36	0.004	0.04	0.2	0.03	1.8	<0.1	<0.05	4	0.6	<0.2
1149720	Soil		19	20	0.31	173	0.024	1	1.31	0.005	0.04	0.1	0.04	2.2	<0.1	<0.05	3	0.7	<0.2
1149722	Soil		18	17	0.35	96	0.024	<1	1.20	0.005	0.04	0.2	0.02	1.8	0.1	<0.05	3	0.8	<0.2
1149713	Soil		22	18	0.35	53	0.024	1	1.09	0.004	0.04	<0.1	0.03	1.3	<0.1	<0.05	4	0.5	<0.2
1149718	Soil		15	17	0.27	103	0.016	1	0.88	0.003	0.03	0.3	0.01	1.1	<0.1	<0.05	3	<0.5	<0.2
1149717	Soil		24	17	0.23	71	0.011	1	0.94	0.002	0.03	0.1	0.01	1.0	<0.1	<0.05	4	<0.5	<0.2
1149716	Soil		33	17	0.61	79	0.003	1	1.50	0.002	0.03	<0.1	<0.01	1.4	<0.1	<0.05	4	<0.5	0.3
1149723	Soil		13	20	0.25	58	0.024	1	0.89	0.003	0.04	0.3	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1149731	Soil		27	21	0.21	124	0.018	2	1.03	0.003	0.03	0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1149732	Soil		13	6	0.16	93	0.005	2	0.33	0.004	0.04	<0.1	0.03	2.9	<0.1	0.11	<1	<0.5	<0.2
1149733	Soil		73	6	0.09	129	0.002	<1	0.66	0.002	0.04	<0.1	0.03	1.5	<0.1	0.09	1	<0.5	<0.2
1149734	Soil		18	4	0.04	70	0.003	1	0.25	0.004	0.10	<0.1	0.06	0.9	0.1	0.20	<1	<0.5	<0.2
1148873	Soil		14	27	0.41	87	0.030	1	1.51	0.004	0.05	0.2	0.01	3.1	0.1	<0.05	4	<0.5	<0.2
1148874	Soil		18	1088	5.66	352	0.342	2	3.78	0.005	1.01	0.1	0.02	24.7	1.3	<0.05	13	<0.5	<0.2
1149736	Soil		23	<1	0.28	72	0.016	<1	0.86	0.003	0.05	<0.1	<0.01	1.0	<0.1	<0.05	2	<0.5	<0.2
1149735	Soil		35	13	0.16	130	0.009	1	0.65	0.005	0.06	0.1	0.08	2.3	<0.1	<0.05	2	<0.5	<0.2
1148891	Soil		12	20	0.31	86	0.028	1	1.05	0.003	0.04	0.2	<0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
1148895	Soil		21	20	0.25	70	0.012	<1	1.14	0.003	0.05	<0.1	0.01	0.8	0.1	<0.05	4	<0.5	<0.2

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Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000182.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1148863	Soil	1.4	86.5	25.9	93	0.1	86.1	34.4	1214	4.88	16.5	1.3	2.0	8.9	19	0.4	4.4	0.2	49	0.20	0.070
1148872	Soil	1.3	27.0	12.0	65	<0.1	27.0	14.9	704	3.09	11.8	0.7	3.2	4.6	19	0.2	0.6	0.2	71	0.15	0.052
1148892	Soil	1.5	16.5	13.1	60	<0.1	21.1	10.0	316	2.99	13.6	1.4	3.3	5.2	11	<0.1	0.7	0.2	64	0.10	0.026
1148896	Soil	1.0	26.6	12.5	78	<0.1	26.7	13.4	627	2.59	9.2	0.7	1.9	4.4	12	0.3	0.9	0.2	41	0.11	0.045
1148870	Soil	1.3	23.7	23.8	76	<0.1	23.6	11.4	540	3.27	9.8	0.7	11.5	2.3	15	0.2	0.7	1.0	63	0.10	0.048
1148864	Soil	1.4	71.5	44.8	87	<0.1	59.2	27.7	788	4.38	9.6	1.2	1.1	15.1	14	0.1	5.4	0.4	20	0.13	0.048
1148894	Soil	0.8	21.1	19.9	51	<0.1	17.7	8.7	335	2.34	10.0	0.9	1.0	1.4	23	<0.1	0.4	0.3	38	0.20	0.042
1148893	Soil	1.1	14.2	16.4	51	<0.1	17.3	7.4	257	3.12	12.1	0.5	1.8	3.5	7	<0.1	0.7	0.3	53	0.04	0.031
1148871	Soil	2.0	45.3	45.1	120	<0.1	35.8	23.7	1171	5.41	9.8	0.7	10.5	7.5	45	0.2	0.5	0.3	163	0.29	0.063
1148865	Soil	0.9	29.9	16.8	63	<0.1	26.9	13.3	523	2.48	10.7	0.9	2.4	6.2	14	0.2	1.7	0.2	24	0.12	0.055
1148867	Soil	1.0	41.6	13.9	58	<0.1	25.9	14.0	344	3.12	11.5	1.0	1.8	6.1	8	0.2	0.8	0.2	51	0.06	0.027
1148868	Soil	1.0	78.5	14.2	66	<0.1	41.5	18.9	494	3.81	9.5	0.6	1.5	5.7	5	0.1	1.3	0.2	61	0.04	0.022
1148869	Soil	4.5	102.4	72.3	152	0.3	75.4	53.7	2587	6.74	2.7	1.2	9.2	28.3	70	0.2	2.0	0.4	159	1.09	0.120
1148866	Soil	0.9	56.7	12.6	70	<0.1	38.1	19.1	535	3.06	8.5	0.6	3.7	4.5	10	0.2	1.6	0.2	49	0.14	0.048
1148890	Soil	1.0	30.3	16.6	70	<0.1	29.0	14.3	476	2.94	10.9	1.1	4.3	4.8	15	0.1	1.2	0.2	42	0.15	0.058
1148889	Soil	1.3	12.0	15.6	43	<0.1	12.9	7.3	348	3.13	11.4	0.6	1.9	1.8	9	<0.1	0.6	0.2	60	0.07	0.039
1148888	Soil	2.4	43.6	11.7	69	<0.1	36.4	23.0	801	5.42	10.3	1.2	1.5	7.2	26	0.3	1.3	0.2	21	0.21	0.135
1148887	Soil	0.9	12.0	15.5	45	<0.1	14.6	7.1	274	2.52	11.9	0.6	2.3	2.2	6	0.2	0.6	0.2	36	0.04	0.025
1148880	Soil	1.7	28.4	22.2	72	<0.1	28.0	13.7	418	3.61	16.2	0.9	0.7	5.0	8	<0.1	0.5	0.4	44	0.04	0.038
1148885	Soil	1.1	21.7	13.1	58	<0.1	27.0	10.4	406	3.05	19.2	0.7	2.8	3.0	10	0.2	3.2	0.2	44	0.07	0.026
1148878	Soil	1.2	16.1	17.8	58	<0.1	19.4	11.1	338	2.75	12.2	0.8	1.9	3.4	8	0.1	2.7	0.3	38	0.05	0.030
1148886	Soil	1.5	16.6	23.6	70	<0.1	20.7	9.1	386	2.52	10.7	0.9	1.4	1.6	15	0.1	0.8	0.2	45	0.16	0.063
1148882	Soil	0.7	44.6	19.8	84	<0.1	31.7	14.4	867	3.37	3.8	1.4	1.4	8.4	14	<0.1	0.6	0.7	13	0.05	0.047
1147877	Soil	0.7	19.3	13.1	48	<0.1	16.6	6.7	241	2.04	8.1	0.6	1.2	6.2	10	<0.1	1.0	0.2	25	0.07	0.030
1148879	Soil	0.8	25.4	9.9	69	<0.1	25.2	9.5	442	1.87	9.5	0.6	2.3	4.5	14	0.3	0.8	0.2	28	0.16	0.068
1148875	Soil	2.7	76.6	15.6	109	<0.1	97.0	42.9	1383	7.53	11.3	0.6	2.3	25.8	57	0.1	3.7	0.2	92	0.33	0.100
1148883	Soil	0.8	14.0	11.0	53	<0.1	17.3	8.8	333	2.40	12.3	0.7	1.8	3.0	9	0.1	0.7	0.2	37	0.09	0.044
1148881	Soil	1.1	36.2	11.5	69	<0.1	22.1	16.7	480	3.72	8.3	0.8	1.4	4.2	20	<0.1	0.5	0.2	81	0.14	0.055
1148877	Soil	1.1	49.9	69.5	194	<0.1	32.6	33.9	1442	7.23	3.5	0.7	10.2	5.7	92	0.2	0.3	0.1	319	0.64	0.222
1148876	Soil	1.8	43.7	32.9	149	<0.1	9.3	10.1	496	5.02	60.7	1.5	5.2	10.5	7	0.1	4.3	0.7	47	0.03	0.057

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1148863	Soil	27	84	0.83	237	0.008	<1	1.52	0.002	0.09	<0.1	<0.01	6.4	0.1	<0.05	4	<0.5	<0.2
1148872	Soil	19	32	0.77	184	0.101	<1	1.63	0.005	0.17	0.3	0.02	4.1	0.2	<0.05	5	<0.5	<0.2
1148892	Soil	17	37	0.55	219	0.047	1	2.16	0.007	0.05	0.2	0.04	4.3	0.1	<0.05	6	0.6	<0.2
1148896	Soil	17	28	0.41	106	0.033	<1	1.31	0.004	0.05	0.2	0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
1148870	Soil	17	29	0.47	131	0.051	1	1.33	0.004	0.09	0.2	0.02	2.9	0.1	<0.05	5	<0.5	0.5
1148864	Soil	45	25	0.60	185	0.005	<1	1.39	0.003	0.09	<0.1	<0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
1148894	Soil	19	22	0.37	108	0.019	<1	1.23	0.003	0.05	0.1	0.01	1.4	<0.1	<0.05	4	<0.5	<0.2
1148893	Soil	13	26	0.34	67	0.038	<1	1.21	0.003	0.05	0.2	<0.01	1.8	<0.1	<0.05	5	<0.5	<0.2
1148871	Soil	28	62	1.10	282	0.194	<1	2.02	0.005	0.21	0.1	<0.01	9.5	0.4	<0.05	9	<0.5	0.2
1148865	Soil	23	18	0.38	150	0.019	<1	1.05	0.004	0.07	0.1	<0.01	1.8	<0.1	<0.05	3	<0.5	<0.2
1148867	Soil	20	33	0.52	149	0.030	<1	1.99	0.003	0.06	0.1	0.02	3.7	0.1	<0.05	5	0.5	<0.2
1148868	Soil	17	47	0.81	93	0.016	<1	2.03	0.003	0.06	<0.1	0.02	4.2	0.1	<0.05	5	<0.5	<0.2
1148869	Soil	29	50	2.51	1598	0.085	<1	2.45	0.005	0.22	<0.1	0.01	21.0	0.4	<0.05	11	<0.5	0.3
1148866	Soil	15	32	0.64	119	0.040	<1	1.51	0.004	0.06	0.1	<0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
1148890	Soil	22	25	0.46	193	0.030	<1	1.42	0.005	0.06	0.2	0.02	2.6	0.1	<0.05	4	<0.5	<0.2
1148889	Soil	13	24	0.23	64	0.040	<1	1.25	0.003	0.04	0.2	0.04	1.5	<0.1	<0.05	6	<0.5	<0.2
1148888	Soil	27	14	0.43	58	0.012	<1	1.05	0.002	0.07	0.2	<0.01	2.6	<0.1	<0.05	3	<0.5	<0.2
1148887	Soil	11	23	0.32	63	0.025	<1	1.40	0.003	0.03	0.2	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1148880	Soil	26	26	0.51	76	0.017	<1	1.70	0.003	0.07	0.2	0.01	2.2	0.1	<0.05	5	<0.5	<0.2
1148885	Soil	14	29	0.38	99	0.033	<1	1.55	0.004	0.04	0.2	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1148878	Soil	16	23	0.29	79	0.022	<1	1.29	0.003	0.05	0.2	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
1148886	Soil	16	25	0.35	122	0.026	1	1.32	0.004	0.04	0.6	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1148882	Soil	52	10	0.38	48	0.004	2	0.93	0.004	0.11	<0.1	0.01	1.2	0.1	<0.05	2	<0.5	<0.2
1147877	Soil	24	18	0.34	115	0.024	1	0.96	0.005	0.04	0.1	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1148879	Soil	12	17	0.36	92	0.031	1	1.02	0.004	0.04	0.2	0.02	1.8	<0.1	<0.05	2	0.9	<0.2
1148875	Soil	23	113	1.37	224	0.132	<1	2.14	0.005	0.23	0.1	0.01	9.3	0.6	<0.05	6	1.5	<0.2
1148883	Soil	10	21	0.39	130	0.022	2	1.41	0.004	0.03	0.2	0.03	2.0	<0.1	<0.05	3	1.0	<0.2
1148881	Soil	26	20	0.69	115	0.053	<1	1.79	0.005	0.06	0.2	<0.01	4.5	0.2	<0.05	6	0.5	<0.2
1148877	Soil	8	62	2.00	362	0.453	<1	2.93	0.007	0.55	<0.1	0.01	9.9	0.7	<0.05	13	1.3	<0.2
1148876	Soil	52	8	0.13	60	0.007	1	0.98	0.003	0.04	0.3	0.02	1.1	0.1	<0.05	4	1.1	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000182.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1147870	Soil	0.6	33.3	20.3	64	<0.1	30.2	12.0	383	2.89	6.0	1.9	3.1	11.8	28	0.1	0.5	0.3	19	0.31	0.040
1147873	Soil	0.8	18.9	14.2	45	<0.1	15.8	6.2	168	2.22	7.0	0.8	1.2	3.3	16	0.1	0.4	0.2	32	0.19	0.032
1147867	Soil	0.8	24.8	13.3	55	0.1	23.3	10.0	330	2.44	8.5	1.3	2.9	6.3	28	<0.1	0.3	0.2	27	0.34	0.046
1147866	Soil	1.2	45.5	26.1	85	0.1	41.5	17.4	1141	3.47	6.5	2.2	13.2	13.9	16	0.2	0.4	0.3	18	0.15	0.037
1147869	Soil	0.7	37.5	26.7	84	0.1	38.7	16.2	483	3.28	7.1	1.6	3.0	15.7	16	0.1	1.0	0.3	13	0.13	0.041
1147875	Soil	1.2	42.7	21.4	73	<0.1	24.4	12.1	298	3.81	8.2	1.3	0.8	10.7	10	<0.1	0.9	0.3	16	0.02	0.049
1147874	Soil	0.8	42.3	25.5	72	<0.1	18.1	7.2	175	3.23	3.5	1.9	1.0	17.3	12	<0.1	0.6	0.4	13	0.03	0.028
1147868	Soil	0.7	24.0	13.6	55	0.1	22.9	9.4	317	2.37	8.3	1.3	25.3	6.2	27	<0.1	0.4	0.2	27	0.35	0.045
1147872	Soil	0.7	30.6	17.4	56	<0.1	26.9	10.8	355	2.42	6.1	1.1	2.3	7.5	23	<0.1	0.5	0.3	27	0.27	0.039
1147879	Soil	0.5	30.2	15.8	63	<0.1	25.6	10.1	431	2.53	12.3	0.6	2.9	9.1	14	0.1	1.5	0.3	17	0.12	0.056
1147886	Soil	1.0	24.5	15.7	66	0.1	23.7	11.0	317	2.54	24.0	1.4	2.7	5.8	18	0.1	1.9	0.3	30	0.17	0.061
1147876	Soil	0.7	18.0	11.4	41	<0.1	15.3	6.7	229	2.23	9.4	0.8	2.2	4.4	10	<0.1	0.5	0.2	37	0.10	0.048
1147871	Soil	0.6	24.1	15.4	54	<0.1	21.4	11.0	240	2.26	5.1	1.2	2.6	8.1	25	<0.1	0.5	0.3	21	0.28	0.039
1147884	Soil	0.8	27.2	14.7	68	0.1	22.6	8.7	260	2.30	8.2	0.7	2.2	4.3	24	0.2	0.8	0.2	34	0.31	0.066
1147878	Soil	0.6	25.5	13.8	54	<0.1	21.8	8.7	359	2.30	11.6	0.7	2.7	7.3	11	<0.1	1.4	0.2	23	0.10	0.042
1147885	Soil	1.0	20.8	12.7	64	0.1	20.1	9.7	362	2.24	10.7	0.7	1.7	1.4	18	0.2	0.8	0.2	40	0.22	0.066
1147880	Soil	0.7	30.8	17.3	65	<0.1	26.0	10.5	440	2.51	12.3	0.6	1.8	8.4	12	0.2	1.7	0.3	16	0.10	0.048
1147882	Soil	0.4	24.3	16.8	54	<0.1	20.1	9.2	448	2.20	7.9	0.7	1.2	9.5	16	<0.1	0.9	0.2	16	0.16	0.053
1147881	Soil	0.6	28.4	16.8	62	<0.1	25.0	9.9	415	2.41	11.9	0.6	1.7	8.0	12	0.1	1.6	0.2	16	0.09	0.046
1147883	Soil	0.6	24.5	17.6	59	<0.1	23.3	10.4	337	2.49	11.9	0.6	30.5	7.8	15	0.1	1.4	0.3	19	0.19	0.039
1147854	Soil	0.7	46.4	24.4	86	<0.1	34.3	12.3	294	3.83	17.5	2.0	2.5	18.6	10	<0.1	1.2	0.3	24	0.02	0.026
1147864	Soil	2.3	64.8	32.0	112	<0.1	33.6	16.5	276	4.98	13.3	2.6	3.6	12.8	19	<0.1	0.7	0.5	9	0.03	0.058
1147865	Soil	1.1	31.4	19.1	78	<0.1	33.5	14.7	679	3.20	11.1	1.1	0.7	12.2	9	<0.1	0.5	0.3	30	0.06	0.033
1147856	Soil	1.2	28.2	15.7	64	<0.1	25.5	10.9	320	2.75	12.8	1.7	5.0	9.4	12	<0.1	1.1	0.2	51	0.09	0.027
1147855	Soil	1.0	12.5	13.2	55	0.2	17.0	8.2	381	2.41	9.7	0.5	1.0	3.3	9	0.1	0.8	0.2	45	0.08	0.047
1147862	Soil	2.0	43.9	23.3	88	<0.1	26.6	11.3	316	4.16	19.8	1.7	40.3	8.2	10	0.1	1.0	0.4	33	0.05	0.067
1147863	Soil	2.0	59.3	34.4	99	<0.1	29.0	14.8	245	4.68	11.7	2.5	5.2	12.9	21	<0.1	0.7	0.5	9	0.03	0.056
1147857	Soil	1.3	23.9	13.1	63	<0.1	24.5	9.6	272	2.62	15.0	0.9	4.2	6.8	11	<0.1	1.0	0.2	52	0.07	0.017
1147858	Soil	1.0	15.3	17.3	59	<0.1	23.0	8.0	291	2.29	12.5	0.6	3.3	5.8	12	0.1	0.8	0.2	46	0.13	0.046
1147859	Soil	1.1	13.3	13.2	53	0.2	16.7	6.7	232	2.53	11.2	0.4	1.7	3.6	11	0.1	0.6	0.2	58	0.10	0.043

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Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000182.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1147870	Soil	33	18	0.44	108	0.008	<1	1.15	0.005	0.06	<0.1	0.02	2.0	<0.1	<0.05	3	0.5	<0.2
1147873	Soil	20	21	0.37	167	0.018	<1	1.29	0.006	0.04	0.1	0.01	1.8	<0.1	<0.05	4	0.7	<0.2
1147867	Soil	24	19	0.37	189	0.014	<1	1.14	0.007	0.04	0.2	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
1147866	Soil	40	13	0.22	144	0.012	<1	0.73	0.006	0.04	<0.1	0.03	2.7	<0.1	<0.05	2	<0.5	<0.2
1147869	Soil	36	15	0.40	58	0.006	<1	1.00	0.004	0.07	<0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1147875	Soil	28	18	0.53	51	0.008	<1	1.29	0.006	0.04	<0.1	<0.01	1.0	<0.1	<0.05	4	<0.5	<0.2
1147874	Soil	44	20	0.64	67	0.007	<1	1.42	0.006	0.04	<0.1	<0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
1147868	Soil	24	19	0.37	192	0.015	<1	1.11	0.008	0.04	0.1	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1147872	Soil	24	22	0.42	207	0.010	<1	1.19	0.005	0.04	0.1	0.04	2.3	<0.1	<0.05	3	<0.5	<0.2
1147879	Soil	26	16	0.40	183	0.019	1	0.88	0.004	0.04	0.1	0.05	2.1	<0.1	<0.05	2	<0.5	<0.2
1147886	Soil	25	22	0.44	155	0.019	<1	1.04	0.005	0.05	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1147876	Soil	18	23	0.34	138	0.023	<1	1.13	0.004	0.03	0.1	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
1147871	Soil	24	18	0.39	133	0.012	<1	1.03	0.005	0.05	<0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1147884	Soil	21	22	0.41	265	0.027	1	1.10	0.007	0.05	0.1	0.03	2.5	<0.1	<0.05	3	0.5	<0.2
1147878	Soil	25	17	0.33	172	0.024	<1	0.89	0.003	0.03	0.1	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1147885	Soil	16	23	0.38	259	0.019	<1	1.21	0.006	0.05	0.2	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1147880	Soil	24	15	0.33	119	0.016	4	0.79	0.003	0.04	<0.1	0.04	1.7	<0.1	<0.05	2	<0.5	<0.2
1147882	Soil	26	14	0.30	129	0.019	<1	0.75	0.004	0.05	<0.1	0.03	1.8	<0.1	<0.05	2	<0.5	<0.2
1147881	Soil	24	16	0.33	109	0.016	<1	0.78	0.003	0.04	0.1	0.03	1.7	<0.1	<0.05	2	<0.5	<0.2
1147883	Soil	25	18	0.33	114	0.015	<1	0.94	0.003	0.04	0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1147854	Soil	50	26	0.60	112	0.006	<1	2.02	0.005	0.05	<0.1	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
1147864	Soil	26	15	0.35	98	0.001	<1	1.08	0.008	0.05	<0.1	0.02	1.9	<0.1	0.05	3	0.8	<0.2
1147865	Soil	31	23	0.45	94	0.020	<1	1.38	0.005	0.04	<0.1	0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
1147856	Soil	23	30	0.47	181	0.044	<1	1.93	0.006	0.06	0.1	0.03	4.6	<0.1	<0.05	5	<0.5	<0.2
1147855	Soil	15	24	0.33	140	0.022	1	1.38	0.005	0.05	0.2	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1147862	Soil	19	21	0.32	92	0.017	1	1.36	0.004	0.04	0.1	0.02	1.9	<0.1	<0.05	4	0.6	<0.2
1147863	Soil	26	14	0.35	94	0.001	<1	1.05	0.008	0.05	<0.1	0.02	1.7	<0.1	0.07	3	0.5	0.2
1147857	Soil	15	30	0.49	213	0.041	<1	1.76	0.006	0.05	0.2	0.02	3.0	0.1	<0.05	4	<0.5	<0.2
1147858	Soil	14	23	0.36	195	0.026	<1	1.59	0.004	0.05	0.1	0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
1147859	Soil	13	24	0.34	199	0.030	<1	1.74	0.005	0.04	0.2	0.02	2.1	0.1	<0.05	6	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1147861	Soil	1.1	20.8	12.3	55	<0.1	20.0	8.4	280	2.37	10.2	1.0	2.4	4.6	17	<0.1	0.7	0.2	50	0.14	0.022
1147860	Soil	1.0	11.2	13.7	62	0.1	18.2	8.4	323	2.45	9.7	0.5	<0.5	4.0	11	0.1	0.6	0.2	58	0.09	0.046

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1147861	Soil	17	27	0.47	225	0.041	1	1.55	0.007	0.04	0.2	0.04	2.9	<0.1	<0.05	5	0.5	<0.2
1147860	Soil	14	27	0.38	198	0.037	<1	1.88	0.005	0.05	0.2	<0.01	2.1	<0.1	<0.05	6	<0.5	<0.2

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QUALITY CONTROL REPORT DAW11000182.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1071382	Soil	2.3	22.3	45.7	142	1.0	19.0	6.1	197	2.52	29.8	1.2	5.4	5.1	25	0.2	12.3	0.2	39	0.07	0.045
REP 1071382	QC	2.2	21.2	45.3	137	1.0	18.6	5.9	194	2.45	30.0	1.3	3.7	5.0	24	0.3	11.9	0.2	38	0.06	0.044
1071377	Soil	0.9	17.1	10.5	44	<0.1	17.0	7.5	221	2.48	19.8	1.9	7.4	7.5	15	0.2	1.1	0.3	50	0.15	0.046
REP 1071377	QC	0.8	16.6	10.3	44	<0.1	16.7	7.6	213	2.43	18.8	1.8	35.3	7.4	15	<0.1	1.1	0.4	49	0.15	0.045
1031406	Soil	1.1	12.3	12.5	50	<0.1	18.0	8.7	277	2.66	11.7	0.7	1.6	4.8	9	0.2	0.7	0.2	49	0.07	0.020
REP 1031406	QC	1.1	12.5	12.9	53	<0.1	18.9	8.9	276	2.71	12.1	0.7	4.4	4.8	9	0.2	0.8	0.2	51	0.07	0.020
1031410	Soil	1.1	17.4	15.3	54	<0.1	23.8	7.6	232	3.34	15.2	0.9	1.1	7.4	7	<0.1	0.9	0.2	41	0.04	0.036
REP 1031410	QC	1.2	16.6	15.1	54	<0.1	22.7	7.2	228	3.31	14.9	0.9	1.7	7.6	8	<0.1	0.9	0.2	41	0.04	0.035
1071362	Soil	1.6	28.4	14.7	64	0.4	29.9	11.0	430	2.63	8.6	1.3	5.7	2.6	37	0.2	1.3	0.2	42	0.35	0.058
REP 1071362	QC	1.6	27.7	14.4	64	0.4	29.6	10.9	426	2.59	8.6	1.2	2.8	2.5	38	0.2	1.2	0.2	42	0.33	0.057
1071364	Soil	0.8	6.3	10.1	32	<0.1	8.6	3.7	105	1.60	6.3	0.5	1.6	3.4	17	0.2	0.3	0.2	48	0.14	0.015
REP 1071364	QC	0.9	6.2	10.4	33	<0.1	9.3	3.6	105	1.59	6.2	0.5	3.2	3.3	17	0.2	0.4	0.2	48	0.14	0.015
1071360	Soil	1.3	18.8	11.7	42	0.3	28.1	9.6	512	3.29	8.3	0.9	6.8	4.0	31	0.1	0.8	0.2	37	0.38	0.045
REP 1071360	QC	1.3	19.2	11.9	45	0.3	26.7	9.6	520	3.32	9.0	0.9	3.6	4.0	31	0.2	0.8	0.2	38	0.39	0.048
1096261	Soil	0.9	17.2	9.9	56	<0.1	17.3	7.5	318	2.56	20.2	0.8	5.4	2.7	11	0.2	1.2	0.5	42	0.11	0.049
REP 1096261	QC	1.0	17.4	10.3	56	<0.1	16.3	7.6	323	2.55	20.0	0.8	3.1	2.9	11	0.2	1.2	0.6	43	0.12	0.048
1096281	Soil	0.7	13.7	9.5	42	<0.1	12.6	5.7	198	2.04	18.7	1.3	6.3	3.3	14	0.1	1.0	0.3	42	0.13	0.050
REP 1096281	QC	0.7	13.4	9.6	40	<0.1	12.5	6.1	202	2.05	19.5	1.3	4.1	3.3	15	0.2	1.1	0.4	41	0.13	0.051
1149714	Soil	1.0	23.0	11.7	55	<0.1	22.2	9.2	339	2.27	10.9	0.8	2.2	4.9	10	0.3	0.9	0.1	37	0.08	0.037
REP 1149714	QC	0.8	23.3	11.5	56	<0.1	22.6	9.3	350	2.36	11.1	0.8	1.6	5.0	10	0.2	0.8	0.1	37	0.08	0.037
1149732	Soil	0.5	24.6	15.3	49	0.2	20.8	8.4	190	2.02	14.8	0.9	2.2	6.2	240	0.2	5.3	0.2	6	15.05	0.034
REP 1149732	QC	0.5	24.0	15.7	49	0.2	20.3	8.3	189	1.97	15.3	0.9	2.4	6.5	243	0.2	5.3	0.2	5	15.00	0.035
1148885	Soil	1.1	21.7	13.1	58	<0.1	27.0	10.4	406	3.05	19.2	0.7	2.8	3.0	10	0.2	3.2	0.2	44	0.07	0.026
REP 1148885	QC	1.3	21.7	13.4	58	<0.1	27.2	10.7	434	3.21	19.0	0.7	2.0	3.1	11	0.2	3.5	0.2	45	0.07	0.026
1147882	Soil	0.4	24.3	16.8	54	<0.1	20.1	9.2	448	2.20	7.9	0.7	1.2	9.5	16	<0.1	0.9	0.2	16	0.16	0.053
REP 1147882	QC	0.4	25.9	16.3	56	<0.1	22.1	9.7	463	2.24	8.1	0.7	0.9	9.0	16	0.1	0.9	0.3	17	0.16	0.049
1147861	Soil	1.1	20.8	12.3	55	<0.1	20.0	8.4	280	2.37	10.2	1.0	2.4	4.6	17	<0.1	0.7	0.2	50	0.14	0.022
REP 1147861	QC	1.1	21.6	12.4	55	<0.1	20.4	8.8	292	2.51	10.3	0.9	2.8	4.3	17	<0.1	0.7	0.2	53	0.15	0.022

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 31, 2011

QUALITY CONTROL REPORT DAW11000182.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1071382	Soil	18	23	0.30	208	0.026	<1	1.06	0.005	0.07	0.2	0.03	3.1	0.3	0.06	3	1.8	<0.2
REP 1071382	QC	17	22	0.30	208	0.023	<1	1.04	0.004	0.06	0.2	0.03	2.9	0.2	0.05	3	1.8	<0.2
1071377	Soil	23	30	0.45	207	0.056	2	1.73	0.007	0.10	0.6	0.02	2.7	0.2	<0.05	5	0.7	<0.2
REP 1071377	QC	23	29	0.45	202	0.057	3	1.76	0.007	0.10	0.5	0.03	2.7	0.3	<0.05	5	0.6	<0.2
1031406	Soil	13	30	0.42	156	0.035	1	1.77	0.005	0.04	0.2	0.02	2.5	0.1	<0.05	4	<0.5	<0.2
REP 1031406	QC	13	31	0.42	150	0.034	<1	1.73	0.005	0.04	0.2	0.02	2.6	0.1	<0.05	4	<0.5	<0.2
1031410	Soil	21	22	0.36	51	0.023	<1	1.33	0.003	0.04	0.2	0.02	1.5	<0.1	<0.05	5	<0.5	<0.2
REP 1031410	QC	22	23	0.36	54	0.027	<1	1.28	0.004	0.04	0.1	0.01	1.5	<0.1	<0.05	5	0.6	<0.2
1071362	Soil	19	26	0.51	517	0.020	2	1.35	0.007	0.08	0.2	0.06	3.4	0.1	<0.05	4	<0.5	<0.2
REP 1071362	QC	19	25	0.51	525	0.019	<1	1.35	0.006	0.08	0.1	0.06	3.2	0.1	<0.05	4	0.6	<0.2
1071364	Soil	15	19	0.33	245	0.041	<1	1.05	0.005	0.05	0.1	0.02	1.6	0.1	<0.05	5	<0.5	<0.2
REP 1071364	QC	16	19	0.34	248	0.045	1	1.07	0.005	0.05	<0.1	<0.01	1.7	0.1	<0.05	5	<0.5	<0.2
1071360	Soil	17	25	0.74	277	0.015	2	1.48	0.006	0.06	0.1	0.04	3.0	0.1	<0.05	4	0.6	<0.2
REP 1071360	QC	18	26	0.76	285	0.016	1	1.51	0.006	0.06	0.1	0.05	3.1	<0.1	<0.05	4	0.7	<0.2
1096261	Soil	15	27	0.41	128	0.043	<1	1.57	0.006	0.08	0.4	0.03	2.3	0.2	<0.05	5	0.7	<0.2
REP 1096261	QC	15	27	0.39	125	0.043	<1	1.61	0.006	0.08	0.4	0.03	2.2	0.2	<0.05	5	0.8	<0.2
1096281	Soil	19	24	0.38	141	0.046	2	1.40	0.005	0.08	0.4	0.02	2.1	0.2	<0.05	5	<0.5	<0.2
REP 1096281	QC	19	25	0.38	142	0.047	<1	1.42	0.005	0.07	0.4	0.03	2.1	0.2	<0.05	5	<0.5	<0.2
1149714	Soil	15	22	0.39	109	0.031	<1	1.32	0.004	0.04	0.2	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
REP 1149714	QC	15	22	0.38	109	0.030	<1	1.31	0.005	0.04	0.2	0.03	2.3	<0.1	<0.05	4	0.7	<0.2
1149732	Soil	13	6	0.16	93	0.005	2	0.33	0.004	0.04	<0.1	0.03	2.9	<0.1	0.11	<1	<0.5	<0.2
REP 1149732	QC	14	6	0.16	95	0.005	1	0.35	0.004	0.04	<0.1	0.03	3.1	<0.1	0.12	<1	<0.5	<0.2
1148885	Soil	14	29	0.38	99	0.033	<1	1.55	0.004	0.04	0.2	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
REP 1148885	QC	14	29	0.38	104	0.034	<1	1.56	0.004	0.04	0.2	0.02	2.9	0.1	<0.05	4	<0.5	<0.2
1147882	Soil	26	14	0.30	129	0.019	<1	0.75	0.004	0.05	<0.1	0.03	1.8	<0.1	<0.05	2	<0.5	<0.2
REP 1147882	QC	28	14	0.30	140	0.020	<1	0.72	0.004	0.05	<0.1	0.03	1.8	<0.1	<0.05	2	<0.5	<0.2
1147861	Soil	17	27	0.47	225	0.041	1	1.55	0.007	0.04	0.2	0.04	2.9	<0.1	<0.05	5	0.5	<0.2
REP 1147861	QC	17	28	0.48	230	0.040	<1	1.55	0.008	0.04	0.2	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Project: MHR
Report Date: August 31, 2011

QUALITY CONTROL REPORT DAW11000182.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
Reference Materials																					
STD DS8	Standard	12.7	105.2	127.0	314	1.8	36.6	7.2	582	2.33	23.2	2.9	116.1	7.4	73	2.4	6.0	7.3	42	0.69	0.078
STD DS8	Standard	14.0	119.2	126.9	321	1.9	40.0	8.0	616	2.51	24.8	2.9	108.0	7.0	69	2.2	5.9	7.1	46	0.67	0.079
STD DS8	Standard	12.9	104.0	118.5	296	1.9	36.3	7.1	593	2.39	24.1	2.6	126.2	6.4	64	2.3	5.2	6.4	40	0.70	0.076
STD DS8	Standard	14.3	119.5	128.7	312	1.9	42.3	8.2	634	2.50	24.9	3.0	102.4	7.6	74	2.4	6.0	6.9	46	0.71	0.080
STD DS8	Standard	13.3	113.8	121.9	299	1.7	39.7	8.0	603	2.44	24.9	2.7	108.4	6.5	65	2.3	5.6	6.5	42	0.68	0.075
STD DS8	Standard	14.3	110.2	122.4	305	1.9	39.2	7.8	599	2.44	26.1	2.7	118.5	7.1	70	2.6	5.9	6.5	45	0.73	0.087
STD DS8	Standard	12.7	99.6	116.9	279	1.7	34.0	7.1	573	2.30	22.9	2.6	109.6	6.8	67	2.1	5.4	6.2	38	0.61	0.073
STD DS8	Standard	13.6	109.6	124.3	304	1.9	37.3	7.6	645	2.48	25.1	2.9	103.2	7.3	65	2.4	5.4	5.9	42	0.73	0.075
STD DS8	Standard	13.4	109.1	122.7	308	1.7	37.3	7.6	611	2.45	25.2	2.9	117.4	7.1	66	2.5	5.4	6.4	42	0.72	0.078
STD DS8	Standard	14.2	120.0	125.8	318	1.8	41.1	8.0	622	2.48	25.4	2.7	104.3	6.9	62	2.3	5.5	6.5	46	0.69	0.077
STD DS8	Standard	13.4	114.4	130.3	324	2.0	39.7	7.7	613	2.50	24.4	2.8	115.4	6.9	63	2.4	5.4	6.6	42	0.73	0.081
STD DS8	Standard	13.4	115.9	126.5	319	1.7	39.6	7.8	619	2.51	24.7	2.7	170.9	7.1	64	2.1	5.1	6.7	45	0.71	0.078
STD DS8	Standard	13.5	114.8	126.7	328	1.9	39.7	7.7	620	2.57	25.5	2.5	131.4	6.6	59	2.8	5.7	6.8	44	0.72	0.088
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: MHR
Report Date: August 31, 2011

QUALITY CONTROL REPORT DAW11000182.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
Reference Materials																		
STD DS8	Standard	16	110	0.62	272	0.121	2	0.90	0.091	0.41	2.9	0.21	2.2	5.5	0.14	4	4.8	4.6
STD DS8	Standard	15	122	0.64	289	0.128	3	0.91	0.088	0.42	3.0	0.21	2.0	5.4	0.17	5	5.1	4.9
STD DS8	Standard	16	112	0.60	277	0.105	3	0.92	0.099	0.42	2.8	0.20	1.9	5.3	0.14	4	4.4	4.5
STD DS8	Standard	17	125	0.63	290	0.141	3	0.96	0.092	0.42	3.1	0.22	2.4	5.4	0.16	5	6.1	5.1
STD DS8	Standard	13	117	0.59	277	0.127	2	0.90	0.084	0.40	3.0	0.20	2.1	5.2	0.13	5	5.4	5.0
STD DS8	Standard	17	118	0.64	286	0.119	3	0.97	0.092	0.42	3.0	0.20	2.4	5.3	0.18	5	5.1	5.0
STD DS8	Standard	16	105	0.58	263	0.110	3	0.86	0.082	0.38	2.9	0.19	2.2	5.1	0.13	4	5.2	4.6
STD DS8	Standard	17	120	0.63	288	0.119	2	0.95	0.096	0.41	3.0	0.18	2.3	5.5	0.18	5	5.4	5.0
STD DS8	Standard	18	114	0.61	289	0.121	3	0.96	0.097	0.42	3.0	0.18	2.4	5.3	0.17	5	5.5	5.2
STD DS8	Standard	16	127	0.62	282	0.126	3	0.92	0.083	0.41	2.9	0.20	2.4	5.7	0.18	5	5.6	5.1
STD DS8	Standard	15	119	0.64	282	0.121	3	0.95	0.089	0.44	3.0	0.18	2.9	5.6	0.16	5	6.6	5.3
STD DS8	Standard	15	126	0.62	280	0.114	3	0.94	0.090	0.40	3.0	0.21	2.2	5.5	0.17	5	5.0	4.8
STD DS8	Standard	13	125	0.66	270	0.105	2	0.95	0.087	0.44	3.4	0.19	2.0	5.8	0.18	5	5.6	5.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 11, 2011
Report Date: August 30, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS DAW11000183.1

CLIENT JOB INFORMATION

Project: MAH
Shipment ID: MAH2011-04
P.O. Number
Number of Samples: 212

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	212	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	212	Dry at 60C			WHI
1DX2	209	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000183.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151502	Soil	1.1	49.6	26.8	94	0.5	25.1	11.0	588	2.77	304.9	6.4	17.7	11.7	30	0.7	14.3	3.7	54	0.29	0.095
1151501	Soil	1.4	40.4	13.5	71	0.3	21.7	9.8	466	2.57	125.9	3.8	10.7	8.4	28	0.4	2.6	2.8	54	0.28	0.090
1151504	Soil	0.6	40.5	15.4	59	0.2	22.7	9.6	316	2.39	416.5	1.1	13.2	3.3	41	0.3	7.0	3.1	39	0.60	0.071
1151509	Soil	0.7	48.0	19.7	58	0.4	21.4	8.4	386	1.60	134.2	2.7	7.1	2.7	78	0.9	2.2	1.9	23	2.13	0.116
1151503	Soil	1.3	53.4	15.0	65	0.6	19.6	9.0	344	2.42	451.0	3.4	18.6	1.1	37	0.3	11.9	4.1	45	0.47	0.100
1151508	Soil	0.9	24.8	13.3	58	0.1	22.2	9.3	330	2.47	51.3	1.5	5.2	4.5	23	0.3	1.3	0.8	44	0.20	0.065
1151506	Soil	0.7	34.9	22.3	114	0.3	22.4	9.0	372	2.16	96.3	1.9	16.3	3.9	75	0.9	4.7	1.4	33	1.62	0.098
1151505	Soil	0.6	39.2	18.3	64	0.3	27.6	10.3	572	2.59	306.2	0.9	7.5	6.4	104	0.8	16.4	2.0	35	1.96	0.095
1151512	Soil	0.7	26.3	16.1	68	0.2	20.2	8.2	364	2.06	244.8	1.3	6.4	5.0	71	0.6	3.3	2.3	34	1.09	0.105
1151511	Soil	0.4	30.9	16.3	57	0.2	24.7	9.4	242	1.96	166.3	1.4	14.1	4.3	68	0.4	2.0	2.1	31	1.23	0.071
1151510	Soil	0.7	29.5	17.6	70	0.2	24.3	9.7	293	2.41	285.4	1.1	18.7	6.8	63	0.7	5.6	3.6	40	0.85	0.083
1151507	Soil	0.9	24.0	14.6	64	<0.1	24.0	10.6	290	2.77	86.4	1.2	2.9	4.4	15	0.2	1.0	0.8	51	0.15	0.050
1151525	Soil	0.7	26.2	46.1	88	0.4	21.0	9.7	418	1.95	68.9	1.2	1.8	1.7	53	1.9	2.2	1.2	33	1.10	0.082
1151524	Soil	0.7	21.8	19.8	63	0.2	21.7	9.3	428	2.11	37.2	0.8	2.2	1.7	42	0.5	1.7	0.7	35	0.89	0.077
1151523	Soil	0.7	15.8	12.2	49	<0.1	16.5	7.1	273	2.12	36.8	0.7	1.9	1.3	23	0.2	2.0	1.0	37	0.39	0.060
1151522	Soil	0.7	16.9	10.8	62	<0.1	18.5	8.4	412	2.44	28.6	1.0	8.9	1.2	23	0.2	1.9	0.4	44	0.34	0.082
1151529	Soil	0.8	17.1	19.5	62	0.1	17.3	7.4	353	2.00	27.2	0.9	2.5	1.0	38	0.4	0.9	0.7	40	0.80	0.072
1151528	Soil	0.7	28.2	17.2	72	0.3	20.9	8.9	281	2.13	244.5	1.0	8.6	4.2	71	1.2	2.4	2.1	36	1.16	0.083
1151527	Soil	0.7	19.1	17.5	67	0.2	19.8	7.4	230	1.91	70.8	0.9	5.0	2.6	50	0.8	1.4	2.3	34	0.94	0.066
1151526	Soil	0.5	22.4	17.5	57	0.3	16.1	9.4	389	1.77	102.5	1.4	2.3	1.4	48	0.9	3.4	2.8	34	1.25	0.081
1151532	Soil	0.6	21.2	29.9	53	0.2	20.4	8.6	339	1.94	15.6	1.4	3.5	3.3	48	0.4	1.5	0.3	36	1.03	0.065
1151531	Soil	0.6	21.3	31.1	54	0.2	21.6	9.0	369	2.01	15.7	1.4	1.8	3.8	47	0.3	1.4	0.4	37	0.97	0.064
1071033	Soil	0.7	30.6	43.6	64	0.4	24.6	9.4	337	2.16	26.7	1.7	3.9	3.1	53	0.6	2.3	0.8	39	1.06	0.074
1151530	Soil	0.7	29.9	35.1	65	0.3	24.5	10.3	391	2.21	18.5	1.8	3.9	3.2	43	0.4	1.7	0.7	41	0.85	0.069
1151521	Soil	0.7	21.4	13.1	65	0.1	23.0	10.2	491	2.28	34.3	1.3	3.5	3.3	35	0.3	1.7	0.4	40	0.49	0.081
1151519	Soil	0.7	23.0	13.6	66	0.1	24.8	9.6	344	2.32	60.0	1.7	21.2	4.3	43	0.3	1.2	0.8	42	0.61	0.094
1151518	Soil	0.6	25.3	14.7	63	0.2	23.8	9.1	338	2.27	82.7	1.7	29.5	5.2	73	0.4	1.6	1.3	41	1.15	0.099
1151514	Soil	0.8	23.5	17.0	65	0.3	21.4	8.7	292	2.30	179.6	2.5	19.0	6.2	61	0.3	3.3	2.0	40	0.76	0.101
1151513	Soil	0.7	32.6	18.0	55	0.3	19.4	7.9	406	1.71	84.4	2.6	5.0	4.3	92	0.8	1.4	1.7	29	1.92	0.129
1151516	Soil	0.8	28.5	16.9	52	0.2	19.0	8.5	467	1.79	123.7	1.7	17.4	2.6	72	0.6	1.3	1.7	30	1.66	0.110

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000183.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151502	Soil	31	38	0.56	309	0.085	<1	1.54	0.009	0.10	2.4	0.05	4.0	0.3	<0.05	6	<0.5	<0.2
1151501	Soil	28	33	0.49	246	0.078	1	1.50	0.011	0.09	3.7	0.06	2.8	0.3	<0.05	5	<0.5	<0.2
1151504	Soil	18	27	0.54	302	0.034	<1	1.84	0.037	0.05	0.3	0.03	2.7	0.2	<0.05	6	<0.5	<0.2
1151509	Soil	23	20	0.30	316	0.017	5	1.43	0.048	0.04	0.3	0.10	1.6	<0.1	0.20	4	0.7	<0.2
1151503	Soil	22	29	0.46	314	0.032	<1	1.55	0.013	0.06	1.1	0.08	1.8	0.3	0.08	6	0.8	<0.2
1151508	Soil	19	28	0.50	258	0.048	<1	2.00	0.010	0.05	0.6	0.05	2.7	0.2	<0.05	6	0.7	<0.2
1151506	Soil	22	24	0.45	380	0.028	2	1.72	0.042	0.06	0.4	0.06	2.9	0.1	0.08	5	0.7	<0.2
1151505	Soil	21	27	1.44	562	0.036	<1	2.01	0.047	0.08	0.3	0.04	3.7	0.1	<0.05	6	0.5	<0.2
1151512	Soil	21	22	0.35	244	0.027	2	1.38	0.059	0.04	1.0	0.07	2.1	<0.1	0.05	4	<0.5	<0.2
1151511	Soil	17	26	0.42	223	0.034	<1	1.64	0.058	0.04	0.6	0.07	2.3	<0.1	0.08	5	0.6	<0.2
1151510	Soil	23	25	0.42	222	0.041	<1	1.37	0.053	0.05	1.3	0.06	2.5	<0.1	<0.05	4	<0.5	<0.2
1151507	Soil	18	32	0.51	246	0.055	<1	2.28	0.009	0.05	0.3	0.05	3.4	0.2	<0.05	7	<0.5	<0.2
1151525	Soil	14	22	0.39	252	0.025	<1	1.51	0.032	0.04	0.3	0.06	2.0	0.1	0.09	5	0.6	<0.2
1151524	Soil	14	22	0.40	255	0.022	<1	1.59	0.024	0.04	0.4	0.04	1.8	0.1	0.07	5	<0.5	<0.2
1151523	Soil	13	22	0.36	167	0.020	<1	1.54	0.008	0.03	0.5	0.03	1.5	0.1	<0.05	5	<0.5	<0.2
1151522	Soil	13	27	0.48	215	0.021	<1	1.77	0.008	0.04	0.3	0.03	1.7	0.1	<0.05	6	<0.5	<0.2
1151529	Soil	14	24	0.43	225	0.023	<1	1.58	0.014	0.04	0.3	0.03	1.5	0.2	<0.05	6	<0.5	<0.2
1151528	Soil	18	26	0.49	258	0.030	<1	1.69	0.035	0.07	0.6	0.04	2.8	0.2	<0.05	6	<0.5	<0.2
1151527	Soil	17	21	0.39	206	0.028	<1	1.31	0.029	0.05	0.8	0.05	2.1	0.1	<0.05	4	<0.5	<0.2
1151526	Soil	13	20	0.33	232	0.019	<1	1.29	0.017	0.04	0.2	0.06	1.8	0.2	0.09	4	0.6	<0.2
1151532	Soil	18	24	0.45	353	0.032	<1	1.63	0.035	0.05	0.3	0.03	2.3	0.1	<0.05	5	<0.5	<0.2
1151531	Soil	18	26	0.46	353	0.033	2	1.67	0.038	0.05	0.3	0.04	2.6	0.1	<0.05	5	0.6	<0.2
1071033	Soil	20	25	0.45	330	0.028	<1	1.63	0.042	0.05	0.3	0.04	2.5	0.2	<0.05	5	0.5	<0.2
1151530	Soil	20	26	0.50	344	0.031	1	1.86	0.031	0.05	0.3	0.04	2.7	0.2	<0.05	6	0.5	<0.2
1151521	Soil	17	26	0.45	281	0.025	<1	1.77	0.030	0.04	0.3	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
1151519	Soil	19	27	0.46	276	0.035	<1	2.06	0.052	0.04	1.0	0.06	2.4	0.1	<0.05	6	0.5	<0.2
1151518	Soil	23	27	0.44	295	0.038	<1	1.80	0.077	0.05	1.7	0.09	2.4	0.1	<0.05	5	<0.5	<0.2
1151514	Soil	30	24	0.38	278	0.041	<1	1.53	0.036	0.05	1.8	0.05	2.4	<0.1	<0.05	5	<0.5	<0.2
1151513	Soil	29	26	0.36	378	0.032	<1	2.12	0.092	0.05	0.5	0.06	2.0	0.1	0.14	6	1.1	<0.2
1151516	Soil	20	24	0.34	307	0.028	<1	1.67	0.057	0.04	1.1	0.06	1.5	0.1	0.12	5	<0.5	<0.2

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Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000183.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151517	Soil		0.7	24.5	13.1	61	0.1	23.1	9.3	321	2.11	126.7	1.2	11.2	5.3	67	0.5	1.4	1.6	37	0.98	0.085
1151520	Soil		0.7	21.5	13.2	67	0.1	23.1	10.6	508	2.32	36.9	1.4	2.0	2.9	36	0.3	1.5	0.5	42	0.50	0.083
1151515	Soil		0.8	19.6	12.5	39	0.2	12.2	6.5	411	1.20	69.9	1.1	2.6	2.1	94	0.7	0.9	0.8	20	1.64	0.131
1198956	Soil		0.6	30.6	16.1	60	0.3	17.0	8.1	427	1.79	192.6	2.7	5.8	3.0	74	1.0	1.9	3.1	31	1.68	0.114
1198954	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1198955	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1198957	Soil		0.5	26.8	15.0	58	0.2	20.1	8.8	292	2.02	123.4	1.9	6.4	3.6	53	0.5	1.7	2.7	34	0.90	0.097
1198963	Soil		0.5	26.9	12.5	61	0.2	22.6	9.2	400	1.95	35.7	1.0	9.8	2.9	48	0.6	2.6	1.5	33	1.03	0.080
1198971	Soil		0.5	32.6	22.2	57	0.3	17.0	8.1	356	1.80	174.0	2.2	1.8	1.1	59	1.6	5.8	3.4	30	1.74	0.096
1198961	Soil		0.6	28.4	16.3	61	0.2	22.9	8.0	366	1.93	31.0	0.8	5.4	2.2	57	0.5	2.8	2.2	30	1.12	0.094
1198962	Soil		0.8	33.0	15.6	74	0.2	25.0	9.5	400	2.14	37.8	0.8	7.0	2.1	54	0.4	3.5	1.9	35	1.16	0.088
1198960	Soil		0.4	27.9	14.6	56	0.2	23.1	10.1	162	1.93	56.7	1.5	9.6	5.3	46	0.4	2.5	1.3	35	0.79	0.089
1198959	Soil		0.7	32.5	16.3	61	0.2	27.5	12.9	1673	2.06	65.1	1.8	9.3	5.1	91	0.7	2.3	1.5	40	1.33	0.115
1198958	Soil		0.6	30.9	15.6	62	0.2	24.2	11.0	482	2.27	74.3	1.8	10.9	3.9	70	0.4	1.7	1.3	37	1.13	0.113
1198953	Soil		0.6	35.2	19.0	54	0.4	20.6	9.1	426	1.98	330.0	1.7	7.0	2.4	65	0.4	2.4	4.7	30	1.52	0.113
1198966	Soil		0.8	27.6	25.8	181	0.3	20.2	8.4	414	2.21	105.9	1.4	3.9	1.8	46	4.8	1.6	1.1	38	0.97	0.088
1198969	Soil		0.8	49.3	39.0	69	0.3	26.9	9.9	369	2.21	23.7	1.9	6.7	3.5	57	0.6	3.8	1.1	40	1.37	0.088
1198964	Soil		0.6	32.0	23.2	70	0.5	19.3	8.7	343	1.88	243.4	1.4	2.3	1.9	73	1.7	2.0	4.0	29	1.60	0.072
1198968	Soil		0.8	56.3	34.7	67	0.3	29.0	10.7	377	2.30	23.0	1.5	6.6	3.8	43	0.3	2.3	0.7	47	0.73	0.079
1198967	Soil		0.7	39.0	33.5	64	0.3	24.9	10.0	330	2.18	21.9	1.3	3.1	2.8	43	0.3	1.9	0.7	42	0.78	0.083
1198970	Soil		0.8	27.5	41.0	74	0.3	25.5	9.2	318	2.26	19.9	1.3	3.4	4.0	41	0.6	3.3	0.4	38	0.69	0.082
1079919	Soil		0.9	36.3	12.8	71	0.2	20.9	10.2	400	2.78	114.2	2.3	5.1	5.2	46	0.3	2.8	1.9	43	0.86	0.084
1079916	Soil		0.6	157.7	43.2	68	2.4	20.5	8.8	420	2.12	228.5	1.1	187.2	2.4	48	0.8	13.7	34.6	33	1.52	0.092
1079914	Soil		0.8	38.6	8.8	63	0.2	19.9	8.3	359	2.06	232.1	2.1	18.8	7.5	20	0.4	4.2	1.6	37	0.25	0.102
1079915	Soil		1.1	138.7	27.5	97	2.8	23.5	10.4	562	3.03	967.1	4.7	218.1	5.2	48	0.7	62.4	15.6	39	0.55	0.103
1079917	Soil		0.6	48.2	17.5	62	0.4	25.1	11.4	417	2.52	196.7	1.3	48.7	3.3	46	0.4	2.2	7.1	44	0.97	0.063
1079918	Soil		0.7	36.2	12.6	62	0.2	22.3	9.4	380	2.41	181.6	1.0	21.2	2.8	57	0.3	3.7	6.0	35	1.02	0.079
1079920	Soil		1.0	22.6	11.5	61	0.2	21.3	8.7	218	2.15	80.7	1.8	4.7	3.1	26	0.2	1.2	0.7	38	0.23	0.063
1079922	Soil		0.8	22.3	13.6	68	0.1	20.7	9.3	302	2.21	178.2	0.8	10.7	4.8	60	0.4	1.3	2.7	38	0.86	0.095
1079921	Soil		0.9	49.4	23.8	66	0.3	21.3	8.5	248	2.62	363.0	1.8	10.3	4.1	61	0.5	2.8	6.9	32	0.35	0.066

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000183.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151517	Soil		18	26	0.45	273	0.042	<1	1.74	0.079	0.05	1.2	0.04	2.1	<0.1	<0.05	5	<0.5	<0.2
1151520	Soil		18	27	0.46	290	0.028	<1	1.91	0.029	0.04	0.4	0.03	2.5	0.1	<0.05	6	<0.5	<0.2
1151515	Soil		15	18	0.24	271	0.027	<1	1.59	0.072	0.03	0.3	0.09	1.3	0.1	0.16	5	0.5	<0.2
1198956	Soil		25	22	0.37	267	0.031	<1	1.64	0.049	0.05	0.4	0.06	2.0	0.1	0.14	5	1.0	<0.2
1198954	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1198955	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1198957	Soil		22	24	0.41	245	0.025	4	1.85	0.043	0.04	0.8	0.05	2.1	0.1	0.09	5	0.6	<0.2
1198963	Soil		15	24	0.44	260	0.033	4	1.29	0.036	0.04	0.5	0.04	2.3	0.1	0.06	4	0.6	<0.2
1198971	Soil		12	19	0.35	139	0.016	6	1.20	0.019	0.04	0.3	0.06	1.2	0.1	0.11	4	0.6	<0.2
1198961	Soil		17	22	0.39	231	0.018	3	1.55	0.033	0.04	0.5	0.04	1.9	<0.1	0.09	5	<0.5	<0.2
1198962	Soil		15	24	0.43	259	0.024	3	1.39	0.030	0.05	0.6	0.06	2.2	0.1	0.08	4	<0.5	<0.2
1198960	Soil		17	26	0.44	278	0.029	2	1.92	0.043	0.04	0.7	0.03	2.7	0.1	0.05	6	0.8	<0.2
1198959	Soil		21	32	0.54	383	0.034	4	2.26	0.121	0.04	0.9	0.03	2.9	0.1	<0.05	7	0.6	<0.2
1198958	Soil		21	29	0.54	298	0.027	3	2.36	0.080	0.04	0.4	0.05	2.5	0.1	0.08	7	0.5	<0.2
1198953	Soil		18	22	0.38	229	0.024	4	1.74	0.045	0.04	0.6	0.07	1.9	0.1	0.16	5	0.7	<0.2
1198966	Soil		15	23	0.44	227	0.018	2	1.69	0.017	0.05	0.3	0.04	2.1	0.2	0.07	5	<0.5	<0.2
1198969	Soil		20	29	0.53	339	0.030	4	1.86	0.044	0.06	0.4	0.04	3.0	0.2	0.09	6	<0.5	<0.2
1198964	Soil		14	19	0.36	209	0.019	19	1.38	0.031	0.04	0.6	0.05	1.6	<0.1	0.08	4	0.6	<0.2
1198968	Soil		20	28	0.57	316	0.037	3	1.80	0.030	0.06	0.4	0.04	3.0	0.2	<0.05	6	0.6	<0.2
1198967	Soil		17	25	0.53	292	0.027	4	1.83	0.023	0.05	0.4	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1198970	Soil		22	24	0.49	272	0.031	3	1.65	0.030	0.06	0.4	0.03	3.2	0.1	0.06	5	0.6	<0.2
1079919	Soil		19	32	0.57	214	0.054	3	1.77	0.020	0.09	0.4	0.05	4.1	0.2	0.08	6	<0.5	<0.2
1079916	Soil		16	24	0.51	243	0.032	4	1.73	0.042	0.05	0.3	0.06	2.4	0.1	0.09	5	0.7	0.7
1079914	Soil		19	21	0.37	172	0.046	1	1.04	0.006	0.06	3.1	0.02	2.2	0.1	<0.05	3	<0.5	<0.2
1079915	Soil		25	27	0.51	353	0.027	3	1.97	0.018	0.07	1.5	0.07	3.6	0.2	0.07	6	0.6	<0.2
1079917	Soil		17	30	0.66	249	0.058	3	1.84	0.039	0.06	0.3	0.04	3.3	0.2	0.08	6	<0.5	<0.2
1079918	Soil		15	26	0.49	263	0.031	3	1.73	0.029	0.05	0.5	0.09	2.8	0.2	0.09	6	<0.5	<0.2
1079920	Soil		16	23	0.41	198	0.041	2	1.61	0.009	0.05	0.6	0.05	2.2	0.2	0.05	5	<0.5	<0.2
1079922	Soil		15	22	0.37	175	0.037	3	1.25	0.042	0.05	1.2	0.05	2.1	<0.1	0.06	4	<0.5	<0.2
1079921	Soil		23	19	0.34	135	0.022	1	1.60	0.012	0.05	0.8	0.05	2.0	0.1	0.06	5	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000183.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1079923	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1198951	Soil	0.7	13.5	12.1	53	0.1	13.0	5.1	222	1.38	49.2	0.9	5.3	2.2	61	0.5	1.1	1.2	24	1.11	0.092
1198952	Soil	0.9	29.4	20.6	43	0.2	22.8	8.6	395	1.52	302.2	1.7	19.5	4.0	104	0.7	1.4	5.7	21	1.52	0.090
1071335	Soil	0.7	17.8	10.7	67	<0.1	20.3	9.2	384	2.33	65.5	1.2	4.2	1.8	21	0.1	4.6	0.4	40	0.29	0.089
1071332	Soil	0.8	22.3	12.5	69	<0.1	22.6	10.1	432	2.44	82.3	1.4	3.8	2.0	25	0.2	1.1	0.5	42	0.35	0.096
1071339	Soil	0.5	28.6	19.9	82	0.3	20.3	10.9	444	2.14	323.1	1.6	2.5	2.0	66	1.3	2.2	2.1	33	1.12	0.099
1071341	Soil	0.9	28.9	23.6	66	0.2	21.2	9.1	369	2.24	100.8	1.0	4.1	1.5	41	0.3	1.3	1.7	46	0.59	0.074
1071338	Soil	0.4	35.7	18.8	59	0.3	20.6	9.5	378	1.90	106.0	1.5	3.7	2.1	58	0.7	1.5	0.8	33	1.15	0.082
1071240	Soil	0.6	30.7	18.5	66	0.2	27.5	11.8	721	2.28	115.7	2.2	6.2	4.8	60	0.3	1.8	1.3	39	0.69	0.097
1071337	Soil	1.1	28.1	11.4	74	0.1	28.0	10.6	469	2.44	68.9	1.0	6.2	6.0	42	0.6	6.8	1.0	43	0.45	0.105
1071343	Soil	1.1	34.3	61.6	94	0.3	25.4	10.7	392	2.45	86.7	1.1	4.3	2.1	34	0.8	2.5	0.9	45	0.38	0.090
1071334	Soil	0.7	27.6	11.6	65	<0.1	30.5	9.6	495	2.21	46.7	1.3	5.2	3.5	27	0.2	4.0	0.4	37	0.38	0.117
1071241	Soil	0.7	23.5	14.2	61	0.1	20.6	10.2	537	2.26	108.6	1.7	7.8	2.4	34	0.3	1.1	0.9	39	0.49	0.072
1071336	Soil	0.4	17.5	10.4	75	0.1	19.7	8.6	422	2.36	161.4	1.5	6.2	3.4	42	0.5	9.3	0.4	40	0.59	0.081
1078600	Soil	0.6	25.9	22.3	64	0.2	20.7	9.3	383	2.06	176.3	1.4	19.3	3.2	70	1.0	1.4	2.0	32	1.36	0.077
1078949	Soil	0.7	451.7	13.2	43	2.4	22.3	21.3	679	6.82	3989	1.3	1199	4.6	51	0.2	10.0	232.6	24	0.86	0.150
1071236	Soil	0.7	18.6	17.6	64	0.2	20.9	8.3	266	2.17	281.8	1.3	7.8	3.9	45	0.4	1.6	3.2	36	0.61	0.053
1071237	Soil	0.7	32.3	24.7	73	0.3	23.9	10.1	406	2.27	226.0	2.2	15.2	3.0	80	0.4	4.9	2.7	35	1.64	0.099
1078596	Soil	0.5	17.1	14.7	62	0.2	19.3	7.9	239	1.90	57.7	0.6	11.4	3.8	75	0.4	1.8	1.2	32	0.77	0.044
1078950	Soil	0.5	50.7	16.7	58	0.4	21.9	9.0	308	2.06	278.8	1.0	19.7	2.7	83	0.5	3.2	3.8	29	1.30	0.054
1078598	Soil	0.4	37.2	15.9	56	0.2	21.7	7.9	111	2.04	83.7	1.5	8.4	7.5	62	0.6	2.6	2.9	36	0.98	0.083
1071239	Soil	2.3	121.2	29.3	91	0.5	27.2	23.2	1565	5.75	2582	8.6	45.2	19.6	25	0.8	103.2	9.9	41	0.46	0.143
1078595	Soil	0.7	20.9	23.9	57	0.3	21.9	9.9	429	2.08	54.2	1.0	4.1	1.8	67	0.9	1.2	1.0	35	1.30	0.077
1071238	Soil	0.5	27.8	16.2	63	0.2	24.0	10.8	321	2.19	139.1	1.8	6.8	3.5	41	0.4	1.3	1.6	39	0.63	0.078
1078599	Soil	0.7	28.4	19.1	56	0.3	20.6	7.6	242	2.13	233.4	1.6	6.3	3.4	52	0.5	5.9	2.3	32	1.19	0.082
1078597	Soil	0.3	15.5	14.7	57	0.2	15.8	7.4	135	1.97	68.4	0.8	3.6	5.9	211	0.3	2.9	0.6	36	1.05	0.095
1071242	Soil	0.6	25.2	13.1	66	0.1	22.3	9.6	348	2.38	94.1	1.6	6.8	1.8	30	0.3	1.0	0.4	44	0.55	0.082
1071342	Soil	0.9	39.2	32.4	84	0.3	26.5	10.1	351	2.72	57.0	1.0	7.0	3.8	38	0.6	2.8	1.3	51	0.54	0.081
1071331	Soil	0.7	19.5	10.5	63	<0.1	22.9	9.7	347	2.20	41.0	1.0	27.2	3.0	28	0.2	1.3	0.4	42	0.46	0.074
1071344	Soil	0.8	22.3	73.3	91	0.4	20.4	9.7	383	2.31	46.4	0.9	2.1	1.8	36	0.7	1.9	1.0	48	0.68	0.083

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1079923	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1198951	Soil	11	21	0.28	178	0.036	5	1.44	0.062	0.04	0.5	0.05	1.4	<0.1	0.17	5	<0.5	<0.2
1198952	Soil	19	25	0.33	192	0.023	5	2.02	0.133	0.04	1.6	0.05	1.6	<0.1	0.16	5	0.6	<0.2
1071335	Soil	14	24	0.43	174	0.027	1	1.66	0.008	0.04	0.5	0.03	2.0	0.1	<0.05	5	<0.5	<0.2
1071332	Soil	16	27	0.48	232	0.024	1	2.03	0.011	0.05	0.7	0.04	2.0	0.1	<0.05	6	<0.5	<0.2
1071339	Soil	16	24	0.44	243	0.023	3	1.75	0.042	0.05	0.5	0.05	2.0	0.2	0.08	6	0.7	<0.2
1071341	Soil	13	28	0.53	246	0.030	2	1.86	0.015	0.05	0.5	0.02	2.1	0.2	0.06	7	<0.5	<0.2
1071338	Soil	17	22	0.40	291	0.023	2	1.53	0.038	0.04	0.5	0.08	2.0	0.1	0.08	5	0.7	<0.2
1071240	Soil	22	29	0.51	311	0.037	2	2.24	0.063	0.04	0.4	0.04	2.9	0.2	0.05	6	0.6	<0.2
1071337	Soil	19	26	0.49	289	0.051	1	1.53	0.022	0.07	0.8	0.03	2.9	0.1	<0.05	4	<0.5	<0.2
1071343	Soil	16	27	0.49	243	0.030	2	2.03	0.012	0.05	0.7	0.02	2.3	0.2	0.06	6	0.5	<0.2
1071334	Soil	18	24	0.45	172	0.031	2	1.67	0.014	0.04	0.5	0.01	2.5	0.1	<0.05	5	<0.5	<0.2
1071241	Soil	20	25	0.42	266	0.020	3	1.97	0.035	0.04	0.5	0.05	2.1	0.1	0.05	6	<0.5	<0.2
1071336	Soil	19	28	0.50	179	0.033	2	1.66	0.035	0.06	0.6	0.05	2.9	0.1	<0.05	5	<0.5	<0.2
1078600	Soil	18	23	0.38	299	0.023	4	1.91	0.059	0.04	0.5	0.06	1.9	0.1	0.07	5	0.7	<0.2
1078949	Soil	14	17	0.27	188	0.012	1	1.77	0.105	0.06	0.3	0.07	2.2	0.1	0.18	5	4.7	4.7
1071236	Soil	22	23	0.35	205	0.028	<1	1.71	0.035	0.04	1.6	0.05	2.2	<0.1	<0.05	5	1.0	<0.2
1071237	Soil	23	25	0.46	299	0.023	2	2.03	0.063	0.04	0.4	0.07	2.2	0.1	0.12	6	0.9	<0.2
1078596	Soil	14	23	0.46	191	0.041	<1	1.79	0.035	0.06	0.2	0.05	2.6	0.1	<0.05	5	0.8	<0.2
1078950	Soil	17	20	0.42	175	0.020	1	1.99	0.087	0.06	0.3	0.04	2.5	0.1	0.08	5	<0.5	<0.2
1078598	Soil	22	24	0.37	276	0.030	1	1.78	0.059	0.05	0.9	0.07	3.1	<0.1	0.11	5	0.8	<0.2
1071239	Soil	49	26	0.18	531	0.007	<1	0.83	0.003	0.11	0.4	0.03	11.5	0.8	<0.05	3	0.6	<0.2
1078595	Soil	17	23	0.42	246	0.025	1	2.11	0.047	0.06	0.5	0.06	2.3	0.1	0.09	6	<0.5	<0.2
1071238	Soil	21	26	0.45	314	0.028	<1	2.00	0.043	0.04	0.4	0.05	2.8	0.2	<0.05	6	0.7	<0.2
1078599	Soil	22	23	0.41	269	0.018	1	1.78	0.037	0.04	0.6	0.05	2.5	0.1	0.15	5	0.7	<0.2
1078597	Soil	17	24	0.45	374	0.038	<1	1.75	0.039	0.07	0.3	0.04	3.0	0.1	0.10	4	<0.5	<0.2
1071242	Soil	19	30	0.47	246	0.033	<1	2.17	0.036	0.05	0.3	0.07	2.5	0.1	0.13	7	<0.5	<0.2
1071342	Soil	18	30	0.50	484	0.027	1	1.86	0.017	0.06	0.8	0.05	3.5	0.1	0.06	6	<0.5	<0.2
1071331	Soil	17	25	0.41	202	0.033	<1	1.85	0.021	0.04	0.7	0.02	2.5	<0.1	0.07	5	<0.5	<0.2
1071344	Soil	14	27	0.48	286	0.018	<1	1.82	0.020	0.05	1.0	0.04	2.5	0.2	0.06	6	0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000183.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1071340	Soil		0.5	18.0	18.6	87	0.2	21.8	10.3	413	2.53	48.6	1.2	2.9	7.0	167	0.8	1.3	0.5	50	1.86	0.076
1071333	Soil		1.0	19.5	10.7	66	<0.1	22.0	9.3	387	2.36	62.2	1.2	3.3	1.4	21	0.2	0.9	0.4	45	0.34	0.075
1151702	Soil		1.0	296.0	18.5	78	1.6	19.2	10.7	475	3.27	1972	3.0	166.5	7.4	74	1.0	28.9	18.0	41	0.81	0.082
1151701	Soil		1.9	85.2	21.0	89	0.7	20.8	11.3	583	3.61	834.1	7.4	23.3	15.0	24	1.0	50.7	2.6	42	0.39	0.122
1151704	Soil		0.8	57.7	17.0	67	0.4	22.3	9.2	321	2.28	483.7	1.4	26.6	3.8	65	0.5	3.8	8.4	34	1.10	0.069
1151703	Soil		0.7	113.6	18.5	64	0.6	21.3	9.7	361	2.65	1390	2.0	23.2	3.2	34	0.2	7.9	5.3	39	0.55	0.057
1151705	Soil		0.8	44.3	22.6	69	0.4	21.9	9.6	376	2.28	518.5	1.8	17.3	2.5	49	0.8	5.3	1.9	37	0.90	0.081
1151706	Soil		0.4	29.8	19.2	59	0.3	18.1	7.3	212	1.88	315.5	1.4	10.1	5.8	72	0.6	4.8	2.0	30	1.03	0.065
1151707	Soil		0.4	25.0	17.7	55	0.2	19.9	8.1	234	1.79	173.9	1.0	5.5	4.3	80	0.7	2.1	1.3	30	0.96	0.074
1151708	Soil		0.7	22.9	12.2	64	0.1	20.1	8.6	319	2.02	102.3	1.3	3.6	6.2	64	0.5	3.2	1.1	36	0.82	0.077
1151709	Soil		0.3	21.6	21.0	52	0.3	20.1	8.4	353	1.68	43.3	1.3	2.6	3.6	104	0.5	1.7	0.9	29	1.56	0.085
1151710	Soil		0.7	25.7	15.1	69	0.2	24.4	8.8	327	2.08	99.5	1.4	3.1	3.9	69	0.4	2.7	0.9	36	0.80	0.075
1151711	Soil		0.6	25.3	17.8	66	0.2	24.7	10.6	425	2.23	87.7	1.5	12.0	2.8	39	0.4	1.5	0.7	42	0.65	0.077
1151712	Soil		0.6	25.8	21.1	67	0.2	22.4	8.7	122	2.25	182.8	1.9	4.8	3.5	40	0.3	3.7	1.1	39	0.41	0.083
1151719	Soil		0.5	15.4	9.8	54	<0.1	16.7	8.6	234	1.93	36.4	0.9	3.3	2.8	41	0.3	3.2	0.3	37	0.56	0.073
1151720	Soil		0.4	20.9	12.1	74	0.2	21.4	8.4	305	2.44	253.4	2.9	6.3	3.8	72	0.2	28.1	0.6	43	1.00	0.080
1151721	Soil		0.8	24.5	10.2	83	0.2	20.6	10.1	411	2.25	130.4	3.8	15.8	1.8	33	0.3	21.7	0.9	42	0.66	0.091
1151722	Soil		0.5	25.4	16.3	73	0.2	21.6	10.5	413	2.26	31.9	1.2	2.8	3.0	40	0.5	1.0	0.6	47	0.69	0.062
1151723	Soil		0.5	29.5	25.3	92	0.3	25.0	11.9	505	2.48	40.5	1.8	2.8	4.6	63	0.7	2.0	1.0	46	1.01	0.075
1151724	Soil		0.6	25.1	24.5	76	0.3	21.3	9.4	354	2.20	39.2	1.4	9.0	2.6	72	0.5	2.6	1.1	43	1.25	0.076
1151725	Soil		0.4	20.3	19.1	79	0.2	23.6	10.6	380	2.87	32.1	1.0	3.5	6.7	193	0.5	1.4	0.7	57	2.45	0.086
1151727	Soil		0.9	21.6	41.9	86	0.2	18.6	8.5	395	2.41	61.7	0.9	15.3	0.8	23	0.5	2.2	1.0	49	0.39	0.075
1151726	Soil		1.0	22.5	43.6	87	0.2	19.5	8.8	428	2.45	66.5	0.9	1.8	1.0	27	0.4	2.2	1.0	54	0.41	0.077
1151718	Soil		0.5	20.2	12.0	62	0.1	22.0	9.0	290	2.26	28.8	1.2	5.8	3.6	32	0.3	1.4	0.4	41	0.59	0.078
1151716	Soil		0.6	19.7	8.7	58	<0.1	20.8	8.1	350	2.10	36.2	0.8	11.4	5.6	42	0.3	1.1	0.4	44	0.64	0.088
1151717	Soil		0.6	18.0	10.7	59	<0.1	21.0	8.6	320	2.14	33.1	0.8	5.1	4.0	45	0.2	1.5	1.4	39	0.68	0.065
1151714	Soil		0.6	19.2	13.2	62	<0.1	20.6	8.4	366	2.14	63.4	1.2	6.2	3.2	41	0.3	1.1	0.7	39	0.65	0.073
1151715	Soil		0.7	16.3	12.1	58	<0.1	19.0	8.9	416	2.26	40.3	0.9	4.2	2.2	38	0.2	1.5	0.5	42	0.64	0.064
1151713	Soil		0.6	17.5	12.0	62	<0.1	19.8	9.1	419	2.25	91.4	1.3	7.0	2.3	21	0.2	0.9	0.5	41	0.39	0.066
1071404	Soil		0.8	19.2	9.9	75	0.1	15.8	6.9	280	2.46	18.0	2.1	8.6	8.1	27	0.2	1.2	0.4	45	0.37	0.094

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000183.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1071340	Soil		20	43	1.09	271	0.095	1	3.23	0.259	0.20	0.3	0.03	5.0	0.2	<0.05	9	0.8	<0.2
1071333	Soil		16	26	0.45	214	0.024	<1	1.99	0.009	0.05	0.4	0.05	2.2	0.1	0.08	6	0.8	<0.2
1151702	Soil		31	26	0.53	245	0.034	<1	1.84	0.033	0.09	0.6	0.03	3.3	0.2	0.09	6	0.6	0.3
1151701	Soil		42	31	0.41	276	0.051	<1	1.12	0.006	0.13	1.9	0.06	6.7	0.5	<0.05	4	<0.5	<0.2
1151704	Soil		20	21	0.38	240	0.030	<1	1.47	0.057	0.06	0.7	0.03	2.4	0.1	0.09	4	0.5	<0.2
1151703	Soil		22	25	0.47	264	0.023	<1	1.77	0.019	0.07	0.4	0.02	2.5	0.2	<0.05	5	<0.5	<0.2
1151705	Soil		23	23	0.42	281	0.024	1	1.91	0.030	0.06	0.3	0.05	2.1	0.1	0.11	6	0.9	<0.2
1151706	Soil		22	20	0.40	234	0.033	2	1.44	0.059	0.07	0.6	0.03	2.5	0.1	<0.05	4	<0.5	<0.2
1151707	Soil		18	18	0.36	244	0.030	1	1.41	0.069	0.06	1.4	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1151708	Soil		22	23	0.38	278	0.042	<1	1.43	0.042	0.07	0.7	0.04	2.8	0.1	0.05	4	<0.5	<0.2
1151709	Soil		18	24	0.42	327	0.025	1	2.15	0.084	0.04	0.3	0.05	2.0	<0.1	0.13	5	<0.5	<0.2
1151710	Soil		20	24	0.47	314	0.025	<1	1.87	0.037	0.05	0.3	0.03	2.7	<0.1	0.10	5	<0.5	<0.2
1151711	Soil		19	26	0.45	299	0.025	<1	2.09	0.031	0.04	0.5	0.06	2.6	0.1	0.10	6	<0.5	<0.2
1151712	Soil		20	25	0.43	269	0.025	<1	1.97	0.019	0.04	0.6	0.07	2.8	0.1	0.12	6	1.1	<0.2
1151719	Soil		17	25	0.42	216	0.031	<1	1.57	0.016	0.04	0.4	0.04	2.5	<0.1	0.09	5	<0.5	<0.2
1151720	Soil		21	31	0.61	211	0.039	2	1.92	0.053	0.06	0.4	0.04	4.0	0.1	0.12	6	1.0	<0.2
1151721	Soil		17	28	0.46	189	0.024	2	1.65	0.014	0.05	0.3	0.05	2.4	0.2	0.16	5	1.0	<0.2
1151722	Soil		16	28	0.55	236	0.035	1	1.70	0.031	0.06	0.2	0.06	3.2	0.1	0.12	5	<0.5	<0.2
1151723	Soil		18	34	0.69	339	0.048	4	2.11	0.052	0.07	0.4	0.05	3.7	0.2	0.07	7	<0.5	<0.2
1151724	Soil		17	31	0.64	293	0.048	5	2.16	0.057	0.07	0.6	0.06	2.9	0.2	0.07	6	0.7	<0.2
1151725	Soil		19	51	1.30	297	0.128	4	4.03	0.292	0.25	0.4	0.03	6.0	0.3	<0.05	12	<0.5	<0.2
1151727	Soil		13	27	0.49	240	0.019	7	1.71	0.008	0.06	0.6	0.03	1.6	0.2	<0.05	6	0.7	<0.2
1151726	Soil		12	29	0.51	243	0.019	3	1.80	0.009	0.06	0.5	0.03	1.9	0.2	<0.05	6	0.5	<0.2
1151718	Soil		17	27	0.44	268	0.038	2	1.88	0.028	0.06	0.5	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
1151716	Soil		19	24	0.43	211	0.043	<1	1.47	0.051	0.07	0.7	0.04	2.5	0.1	<0.05	4	<0.5	<0.2
1151717	Soil		18	24	0.45	209	0.041	3	1.64	0.052	0.06	0.8	0.02	2.2	0.1	<0.05	5	<0.5	<0.2
1151714	Soil		18	26	0.45	212	0.032	2	1.88	0.046	0.06	0.4	0.03	2.3	0.1	<0.05	6	0.5	<0.2
1151715	Soil		15	26	0.43	228	0.033	2	1.85	0.031	0.05	0.4	0.02	2.2	0.1	0.05	6	0.7	<0.2
1151713	Soil		16	23	0.40	181	0.028	2	1.70	0.013	0.04	0.4	0.03	1.9	<0.1	<0.05	5	<0.5	<0.2
1071404	Soil		24	25	0.54	247	0.093	2	1.44	0.009	0.16	0.4	0.03	4.4	0.2	<0.05	4	0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1071401	Soil		1.3	17.7	24.3	120	0.2	17.8	14.7	979	3.98	59.8	2.9	4.4	14.7	32	0.5	4.8	0.3	46	0.56	0.135
1071099	Soil		1.2	33.9	15.1	99	0.2	23.7	9.9	493	3.39	33.3	2.5	10.3	9.5	44	0.4	1.1	0.5	62	0.42	0.093
1071402	Soil		1.2	23.7	25.6	112	0.8	17.4	11.7	530	3.51	459.2	3.1	64.3	13.9	44	0.3	6.2	4.0	47	0.52	0.123
1071406	Soil		0.5	14.6	10.8	61	<0.1	14.7	7.8	214	2.57	11.5	1.5	10.8	8.1	20	0.1	1.5	0.2	43	0.29	0.092
1071407	Soil		2.1	22.1	9.5	77	0.2	22.6	7.8	316	2.90	12.5	1.6	7.7	8.5	26	0.2	1.7	0.3	45	0.40	0.089
1071098	Soil		1.1	10.6	53.9	158	0.1	8.9	11.4	1446	4.43	50.8	17.9	2.7	16.2	33	2.1	3.1	0.4	33	0.47	0.158
1071403	Soil		0.7	20.4	8.5	71	0.1	18.0	6.8	251	2.30	11.1	5.2	7.6	8.1	25	0.2	0.7	0.1	44	0.34	0.098
1071100	Soil		0.7	11.9	10.4	70	0.1	12.8	7.1	377	2.60	24.2	1.8	4.6	8.9	26	0.1	1.8	0.5	44	0.38	0.123
1071097	Soil		1.2	11.1	54.7	163	0.2	9.5	11.4	1469	4.43	49.5	17.3	3.1	16.2	33	1.9	3.0	0.4	33	0.44	0.164
1071408	Soil		3.6	23.7	8.6	64	<0.1	30.1	8.2	178	2.17	5.6	1.8	2.8	7.4	21	0.1	1.3	<0.1	42	0.25	0.060
1071085	Soil		0.6	31.6	10.0	68	0.1	47.8	14.1	257	2.39	19.0	0.9	11.3	6.2	34	0.4	0.8	0.8	46	0.27	0.071
1071086	Soil		0.4	32.4	7.0	59	<0.1	125.7	17.0	369	2.68	20.9	0.8	2.8	7.5	48	0.2	0.6	0.8	57	0.27	0.057
1071405	Soil		0.4	13.1	16.6	65	<0.1	14.2	7.1	200	2.09	12.2	1.5	2.6	8.4	21	0.3	0.9	0.2	40	0.30	0.093
1071090	Soil		0.7	25.5	11.8	60	0.1	33.7	10.4	288	2.68	11.7	0.9	3.6	4.2	14	0.3	0.7	0.5	51	0.12	0.039
1071093	Soil		0.6	30.7	48.1	79	0.2	37.9	8.8	330	2.45	12.9	2.8	4.7	8.5	18	0.7	2.5	0.7	35	0.15	0.038
1071095	Soil		0.6	40.3	13.0	74	0.2	30.4	13.0	313	2.53	16.9	1.3	6.2	6.0	19	0.2	0.8	0.5	57	0.21	0.057
1071094	Soil		0.7	30.4	12.5	70	0.1	33.0	12.3	200	2.79	15.1	1.2	3.2	5.6	14	0.2	1.1	0.3	50	0.16	0.058
1071092	Soil		0.8	26.9	13.0	69	0.2	41.9	11.2	353	2.66	13.4	1.4	9.1	6.2	17	0.6	0.7	1.0	55	0.21	0.068
1071091	Soil		0.7	36.3	36.7	96	0.3	69.0	15.6	506	3.08	16.9	1.8	2.0	8.6	22	0.9	1.1	0.7	59	0.20	0.065
1071096	Soil		1.1	26.8	41.5	83	0.3	24.0	9.6	336	2.64	10.5	1.8	4.3	4.9	18	0.4	0.8	0.2	52	0.21	0.080
1071089	Soil		0.8	17.3	11.6	52	<0.1	18.2	7.5	278	2.35	12.1	0.6	5.1	2.4	11	0.2	0.8	0.2	43	0.10	0.033
1071088	Soil		0.6	27.5	18.0	72	0.2	25.6	12.1	354	2.51	16.8	1.0	8.2	6.4	31	0.3	0.9	0.8	48	0.18	0.057
1071087	Soil		0.9	24.1	9.0	66	0.2	32.0	10.2	322	2.54	12.7	0.7	3.6	4.4	17	0.2	0.8	0.3	47	0.17	0.059
1071409	Soil		7.8	33.6	11.4	69	0.2	28.6	8.4	247	2.77	8.5	2.4	4.0	6.9	22	<0.1	1.3	0.1	46	0.22	0.054
1071414	Soil		0.9	40.7	9.9	74	0.1	41.0	11.6	302	2.48	9.6	1.1	4.2	5.0	20	0.2	0.9	0.1	46	0.22	0.074
1071415	Soil		0.8	37.8	8.6	81	0.1	91.6	16.2	368	2.96	9.7	1.2	4.4	5.5	27	0.2	1.6	0.2	59	0.25	0.067
1071413	Soil		0.8	38.9	10.1	88	0.2	63.8	14.6	479	3.20	10.4	1.5	2.5	6.5	40	0.1	1.3	0.2	61	0.28	0.059
1071416	Soil		1.0	22.8	10.9	65	0.1	40.3	10.4	314	2.70	15.7	0.7	3.0	3.6	10	0.2	0.9	0.2	47	0.08	0.030
1071417	Soil		1.1	50.2	10.1	78	0.2	54.8	17.4	449	2.87	13.6	1.0	10.6	5.2	25	0.3	0.9	0.3	51	0.16	0.066
1071419	Soil		1.0	41.6	11.8	87	0.3	101.8	20.9	524	3.35	18.0	1.0	10.6	4.0	18	0.4	2.1	0.2	67	0.14	0.066

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000183.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1071401	Soil	41	22	0.47	277	0.064	5	1.23	0.011	0.25	0.6	0.03	8.5	0.4	<0.05	4	<0.5	<0.2
1071099	Soil	28	33	0.64	421	0.110	2	2.12	0.009	0.28	1.3	0.05	5.6	0.4	<0.05	6	0.5	<0.2
1071402	Soil	36	25	0.54	293	0.068	3	1.48	0.010	0.20	0.7	0.03	7.5	0.3	<0.05	4	0.6	<0.2
1071406	Soil	27	23	0.50	253	0.091	2	1.57	0.008	0.13	0.6	0.02	3.6	0.3	<0.05	5	0.5	<0.2
1071407	Soil	26	42	0.58	426	0.091	2	1.63	0.010	0.22	0.6	0.02	5.8	0.3	<0.05	5	0.8	<0.2
1071098	Soil	51	10	0.24	395	0.007	2	1.32	0.004	0.18	3.6	0.02	10.9	0.2	<0.05	4	0.6	<0.2
1071403	Soil	26	25	0.52	206	0.099	2	1.53	0.009	0.14	0.4	0.03	3.8	0.3	<0.05	5	<0.5	<0.2
1071100	Soil	31	21	0.45	232	0.101	3	1.19	0.010	0.17	0.7	0.03	3.9	0.3	<0.05	4	0.6	<0.2
1071097	Soil	51	10	0.24	390	0.006	1	1.30	0.004	0.19	3.9	0.02	10.6	0.2	<0.05	4	<0.5	<0.2
1071408	Soil	21	57	0.59	188	0.090	2	1.47	0.011	0.18	0.8	<0.01	3.5	0.3	<0.05	5	<0.5	<0.2
1071085	Soil	22	99	0.61	151	0.097	1	1.56	0.009	0.33	0.2	0.02	3.1	0.2	<0.05	5	<0.5	<0.2
1071086	Soil	23	295	1.27	148	0.140	<1	2.31	0.012	0.51	0.1	0.02	3.9	0.6	<0.05	6	<0.5	<0.2
1071405	Soil	27	26	0.52	185	0.099	2	1.41	0.009	0.14	0.4	0.02	3.3	0.2	<0.05	4	<0.5	<0.2
1071090	Soil	19	56	0.55	162	0.088	1	1.81	0.006	0.22	0.3	0.03	2.8	0.3	<0.05	5	0.6	<0.2
1071093	Soil	21	82	0.62	247	0.071	1	1.76	0.006	0.29	0.8	0.02	3.6	0.4	<0.05	5	<0.5	<0.2
1071095	Soil	20	43	0.59	204	0.099	1	1.88	0.008	0.12	0.3	0.04	4.5	0.2	<0.05	6	<0.5	<0.2
1071094	Soil	20	61	0.64	147	0.094	2	1.82	0.007	0.19	0.4	0.02	4.1	0.3	<0.05	6	0.6	<0.2
1071092	Soil	21	75	0.62	159	0.092	<1	1.60	0.007	0.25	0.8	0.04	2.9	0.3	<0.05	5	0.8	<0.2
1071091	Soil	23	123	0.77	210	0.100	1	1.98	0.007	0.30	1.0	0.03	3.8	0.4	<0.05	6	<0.5	<0.2
1071096	Soil	20	30	0.52	227	0.081	<1	1.72	0.009	0.13	0.6	0.02	3.4	0.2	<0.05	5	0.5	<0.2
1071089	Soil	16	23	0.36	103	0.048	1	1.32	0.006	0.09	0.2	0.04	1.7	0.1	<0.05	4	<0.5	<0.2
1071088	Soil	23	36	0.57	124	0.088	<1	1.73	0.007	0.26	0.2	0.02	2.7	0.3	<0.05	5	<0.5	<0.2
1071087	Soil	16	41	0.52	133	0.067	2	1.47	0.007	0.13	0.2	0.03	2.4	0.2	0.06	4	0.8	<0.2
1071409	Soil	20	50	0.56	177	0.075	1	1.55	0.008	0.18	0.9	0.04	3.5	0.2	<0.05	5	<0.5	<0.2
1071414	Soil	16	58	0.62	113	0.079	2	1.39	0.007	0.13	0.7	0.03	3.0	0.2	<0.05	4	0.6	<0.2
1071415	Soil	17	187	1.21	181	0.119	1	1.96	0.010	0.38	1.4	0.02	4.4	0.6	<0.05	6	<0.5	<0.2
1071413	Soil	18	126	1.08	209	0.102	2	2.27	0.010	0.30	0.9	0.03	4.8	0.5	<0.05	7	<0.5	<0.2
1071416	Soil	13	57	0.57	100	0.065	2	1.51	0.005	0.09	1.1	0.03	2.4	0.2	<0.05	4	0.7	<0.2
1071417	Soil	15	81	0.65	129	0.076	2	1.53	0.006	0.16	2.0	0.05	3.0	0.3	<0.05	5	<0.5	<0.2
1071419	Soil	13	187	1.03	193	0.097	2	2.05	0.007	0.23	1.2	0.06	3.6	0.5	<0.05	6	<0.5	<0.2

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Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000183.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1071412	Soil	0.8	28.8	6.5	74	<0.1	75.7	13.6	257	2.62	8.5	0.8	1.2	5.0	34	0.3	0.6	0.1	61	0.32	0.074
1071410	Soil	4.8	34.3	15.0	77	0.2	33.1	8.3	284	2.62	8.1	3.1	3.4	8.2	27	<0.1	2.0	0.1	39	0.23	0.047
1071418	Soil	1.0	37.2	9.9	70	0.2	54.5	12.1	336	2.72	12.7	1.0	10.6	5.6	18	0.2	1.5	0.2	51	0.18	0.070
1071411	Soil	1.1	15.3	10.4	54	<0.1	21.4	7.4	219	2.63	10.6	0.6	1.6	3.4	9	<0.1	0.9	0.2	48	0.07	0.023
1079972	Soil	0.9	20.1	16.5	60	<0.1	17.4	8.3	286	2.20	91.9	1.4	2.3	2.4	28	0.2	2.2	0.7	41	0.54	0.066
1151810	Soil	0.8	45.6	10.9	73	0.2	28.0	8.2	248	2.06	149.4	1.3	12.2	3.8	88	0.3	38.6	1.1	48	0.83	0.073
1151816	Soil	0.9	39.7	39.8	87	0.6	26.6	11.1	234	2.54	118.5	0.8	5.7	5.5	44	0.9	6.7	1.1	48	0.88	0.104
1151817	Soil	0.4	61.5	31.6	127	0.7	20.7	10.3	416	1.73	123.3	1.2	4.4	2.3	48	1.5	1.9	1.8	32	1.14	0.073
1151814	Soil	0.4	21.1	16.5	74	0.2	23.9	10.5	276	2.42	24.5	1.1	1.9	4.2	64	0.3	1.2	0.5	43	0.77	0.068
1151811	Soil	1.0	37.1	9.8	62	0.2	23.3	8.8	218	2.10	239.1	1.5	15.4	5.3	30	0.4	20.5	3.3	38	0.48	0.086
1151813	Soil	0.7	25.3	16.1	69	0.2	24.6	10.5	650	2.51	31.0	1.5	3.3	4.2	53	0.4	1.8	0.6	45	0.72	0.075
1151815	Soil	0.9	22.1	29.7	79	0.2	22.7	8.7	329	2.17	43.5	1.1	1.3	2.3	34	0.4	2.1	0.7	45	0.58	0.069
1151812	Soil	1.7	17.6	9.4	55	0.1	17.4	10.2	688	2.08	143.6	1.6	3.4	1.8	22	0.1	10.1	0.9	43	0.37	0.059
1151807	Soil	0.5	20.2	10.3	53	0.1	20.8	8.1	345	2.18	35.9	0.8	6.9	4.7	68	0.2	2.0	0.8	40	0.66	0.081
1079977	Soil	0.5	24.9	20.1	65	0.3	24.3	10.0	279	2.36	140.2	2.0	5.9	4.8	69	0.4	2.8	1.6	40	1.03	0.069
1151806	Soil	0.6	19.7	11.1	58	<0.1	21.1	8.8	244	2.24	21.8	1.0	5.5	3.4	35	0.2	2.1	0.3	40	0.52	0.073
1151803	Soil	0.8	17.4	12.6	66	0.1	22.2	8.9	357	2.24	150.5	2.6	1.8	2.6	47	0.3	1.4	0.5	39	0.58	0.082
1151802	Soil	0.6	18.1	14.2	65	0.1	19.6	8.2	240	1.96	61.6	1.5	3.6	4.0	48	0.2	1.7	0.9	36	0.50	0.077
1151808	Soil	0.8	26.0	13.5	75	0.2	29.0	13.4	555	2.89	140.0	1.0	9.7	8.2	47	0.3	102.8	1.0	34	0.50	0.097
1151805	Soil	0.7	20.9	12.2	62	0.1	23.5	9.8	393	2.13	39.6	1.2	20.9	3.2	60	0.4	1.3	1.1	39	0.92	0.082
1151804	Soil	0.7	22.0	11.0	61	<0.1	24.0	8.8	340	2.20	40.2	1.1	6.8	3.8	30	0.2	1.3	0.7	39	0.38	0.072
1151801	Soil	0.6	17.5	14.3	49	0.2	19.7	10.5	366	2.11	57.3	1.3	6.3	5.0	46	0.2	1.4	0.5	33	0.69	0.057
1151809	Soil	0.8	68.7	10.9	95	0.2	33.6	8.2	226	2.21	56.2	1.0	12.7	5.0	54	0.5	27.4	0.5	61	0.73	0.105
1079969	Soil	0.9	25.6	19.1	66	0.1	18.9	7.4	328	2.10	375.2	1.6	14.3	1.6	40	0.4	4.1	2.5	35	0.49	0.076
1079971	Soil	0.8	20.5	17.9	59	0.1	20.1	8.7	335	2.22	114.0	1.6	2.1	2.0	31	0.2	2.1	0.9	40	0.51	0.072
1079967	Soil	2.1	75.2	34.8	73	0.5	30.8	7.7	351	1.94	635.7	3.2	18.0	3.5	71	0.5	9.3	4.0	30	1.18	0.100
1079965	Soil	0.5	40.9	21.8	67	0.7	22.2	8.0	312	2.10	150.4	1.1	19.2	4.8	70	0.5	11.1	1.6	35	0.98	0.099
1079968	Soil	0.9	22.8	20.8	56	0.2	16.6	7.4	320	2.15	375.0	1.4	6.8	2.2	30	0.3	3.6	1.2	36	0.44	0.066
1079970	Soil	0.7	26.9	19.3	58	0.1	17.0	7.6	307	2.36	432.7	1.9	5.9	2.0	27	0.3	7.5	1.9	37	0.42	0.064
1079975	Soil	0.5	11.5	14.1	47	<0.1	12.8	5.7	148	1.56	37.4	0.9	1.2	2.6	19	<0.1	1.4	0.5	33	0.31	0.064

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1071412	Soil	16	183	1.20	156	0.126	2	1.67	0.012	0.26	0.6	0.02	4.0	0.5	<0.05	5	<0.5	<0.2
1071410	Soil	18	64	0.62	161	0.070	2	1.44	0.008	0.14	1.0	0.03	3.7	0.3	<0.05	4	<0.5	<0.2
1071418	Soil	16	89	0.68	118	0.083	1	1.41	0.006	0.16	1.7	0.03	2.8	0.3	<0.05	4	0.7	<0.2
1071411	Soil	12	33	0.40	88	0.055	2	1.42	0.004	0.08	0.8	0.03	2.1	0.2	<0.05	5	0.5	<0.2
1079972	Soil	16	26	0.50	229	0.037	2	1.34	0.009	0.06	0.4	0.02	2.0	0.2	<0.05	5	0.8	<0.2
1151810	Soil	14	24	0.57	201	0.022	3	1.47	0.018	0.05	0.3	0.03	2.8	0.1	<0.05	4	<0.5	<0.2
1151816	Soil	19	29	0.49	251	0.030	7	1.26	0.026	0.06	0.6	0.10	4.1	0.2	<0.05	4	0.7	<0.2
1151817	Soil	14	22	0.47	250	0.029	10	1.37	0.031	0.05	0.3	0.08	2.3	0.2	0.05	4	0.6	<0.2
1151814	Soil	16	36	0.82	252	0.071	2	2.22	0.066	0.07	0.4	0.04	3.4	0.2	<0.05	7	<0.5	<0.2
1151811	Soil	17	23	0.46	222	0.042	2	1.19	0.011	0.07	0.6	0.02	2.3	0.2	<0.05	4	<0.5	<0.2
1151813	Soil	17	32	0.66	349	0.051	3	1.95	0.046	0.07	0.4	0.04	3.3	0.2	<0.05	6	0.7	<0.2
1151815	Soil	13	28	0.49	245	0.029	2	1.65	0.017	0.05	0.5	0.05	2.4	0.2	<0.05	5	0.8	<0.2
1151812	Soil	11	24	0.43	165	0.026	1	1.28	0.007	0.04	0.4	0.03	1.7	0.2	<0.05	4	<0.5	<0.2
1151807	Soil	20	31	0.57	247	0.052	1	1.79	0.049	0.06	0.3	0.04	2.8	0.2	<0.05	6	<0.5	<0.2
1079977	Soil	26	32	0.56	210	0.037	2	2.27	0.058	0.06	0.3	0.05	3.0	0.2	0.05	7	<0.5	<0.2
1151806	Soil	16	27	0.47	228	0.041	1	1.75	0.031	0.06	0.4	0.03	2.5	0.1	<0.05	5	<0.5	<0.2
1151803	Soil	17	26	0.42	215	0.027	2	1.76	0.036	0.04	0.4	0.03	2.2	0.1	<0.05	5	<0.5	<0.2
1151802	Soil	17	26	0.48	263	0.029	1	1.82	0.019	0.05	0.3	0.03	2.5	0.1	<0.05	5	<0.5	<0.2
1151808	Soil	28	24	0.34	262	0.025	2	1.17	0.010	0.07	0.3	0.03	4.3	0.2	<0.05	3	<0.5	<0.2
1151805	Soil	17	29	0.50	240	0.041	2	2.08	0.076	0.06	0.6	0.04	2.4	0.1	<0.05	6	<0.5	<0.2
1151804	Soil	18	25	0.41	267	0.036	2	1.92	0.019	0.04	0.6	0.03	2.6	<0.1	<0.05	5	0.5	<0.2
1151801	Soil	17	24	0.40	220	0.032	2	1.68	0.042	0.04	0.3	0.03	2.2	0.1	<0.05	5	<0.5	<0.2
1151809	Soil	17	27	0.50	225	0.028	2	1.72	0.012	0.05	0.2	0.07	3.1	0.1	<0.05	6	<0.5	<0.2
1079969	Soil	16	25	0.41	231	0.024	2	1.73	0.020	0.05	0.4	0.04	1.6	0.2	<0.05	6	0.5	<0.2
1079971	Soil	18	26	0.45	303	0.026	1	1.69	0.016	0.05	0.4	0.03	2.0	0.2	<0.05	6	0.6	<0.2
1079967	Soil	22	38	0.37	287	0.030	5	1.83	0.101	0.08	0.9	0.03	1.9	0.2	0.07	5	0.8	<0.2
1079965	Soil	18	27	0.50	242	0.033	2	1.82	0.056	0.04	1.1	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
1079968	Soil	17	22	0.35	253	0.021	1	1.56	0.016	0.04	0.5	0.04	1.6	0.1	<0.05	5	<0.5	<0.2
1079970	Soil	20	22	0.38	206	0.018	1	1.67	0.015	0.04	0.5	0.02	1.7	0.2	<0.05	6	<0.5	<0.2
1079975	Soil	14	22	0.38	147	0.025	1	1.30	0.006	0.04	0.2	0.02	1.8	0.1	<0.05	4	0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000183.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1079974	Soil	0.7	16.8	16.4	51	0.2	14.5	5.9	249	1.87	239.3	1.0	11.7	4.6	32	0.2	2.7	1.9	27	0.38	0.066
1079973	Soil	1.2	22.2	22.7	71	0.2	24.9	12.4	351	2.65	590.2	1.1	10.2	6.4	15	0.5	2.9	3.2	35	0.13	0.034
1079976	Soil	0.6	17.4	27.6	80	0.4	23.7	7.6	292	2.23	124.5	0.7	3.8	5.1	102	0.7	9.1	1.8	33	1.14	0.041
1079966	Soil	0.5	35.7	19.3	66	0.4	19.5	7.9	348	2.00	164.0	1.1	18.9	4.0	52	0.5	9.4	1.8	34	0.83	0.088
1071473	Soil	0.8	15.3	14.5	48	<0.1	15.7	4.6	128	1.68	85.8	1.4	14.9	4.2	28	0.2	1.7	0.7	30	0.33	0.068
1071465	Soil	0.3	31.4	18.6	62	0.2	21.1	8.3	209	1.97	16.0	1.1	8.1	6.6	59	0.5	1.9	0.8	37	1.09	0.064
1071466	Soil	0.2	24.4	22.9	55	0.3	18.4	8.0	340	1.64	25.9	0.8	6.1	3.3	64	0.9	1.8	0.6	24	1.45	0.069
1071463	Soil	0.3	29.6	16.1	74	0.2	23.9	11.7	276	2.61	48.0	0.9	7.7	6.9	59	0.7	1.7	0.5	47	0.99	0.070
1071464	Soil	0.5	31.2	24.1	69	0.3	19.2	7.0	394	1.49	17.4	1.2	13.1	3.0	61	0.7	2.1	1.7	29	1.65	0.082
1071472	Soil	0.8	20.9	15.5	64	0.1	19.0	8.5	257	2.22	108.9	1.9	3.6	5.4	33	0.2	1.4	0.8	36	0.35	0.066
1071471	Soil	0.5	19.4	13.4	62	0.1	20.2	7.7	228	2.00	69.2	0.8	2.8	3.8	76	0.2	1.7	0.5	31	0.89	0.075
1071469	Soil	0.7	22.0	18.5	66	0.1	21.8	8.1	295	2.19	82.9	1.1	12.4	7.6	113	0.6	3.5	0.6	37	1.33	0.076
1071467	Soil	0.1	25.0	22.1	59	0.2	16.5	5.3	173	1.48	19.2	0.9	8.7	4.1	103	0.7	2.1	0.6	20	1.63	0.092
1071468	Soil	0.8	33.1	23.9	55	0.3	13.4	5.4	378	1.61	504.3	11.0	7.2	1.5	53	0.9	7.7	1.9	23	1.17	0.093
1071470	Soil	0.6	18.8	18.3	66	0.2	22.4	8.2	241	2.05	75.5	0.9	5.8	5.1	117	0.3	3.1	0.9	35	0.96	0.064
1071474	Soil	0.8	19.2	19.9	58	0.2	16.5	6.5	302	1.86	125.3	1.6	6.7	3.7	57	0.3	3.4	1.2	29	0.91	0.058
1071461	Soil	0.8	20.3	11.2	60	<0.1	17.8	8.0	364	1.98	74.0	0.6	11.7	2.1	24	0.2	9.1	0.8	47	0.37	0.068
1071459	Soil	0.5	23.5	14.3	69	0.3	21.0	8.4	296	2.30	174.7	2.3	9.7	6.3	64	0.3	22.0	0.6	40	0.89	0.091
1071462	Soil	1.5	19.7	11.0	68	0.2	16.9	11.0	806	2.03	137.8	1.4	3.2	1.5	32	0.3	12.5	0.9	41	0.60	0.063
1071478	Soil	0.5	40.2	34.2	94	0.4	19.6	9.0	464	1.85	97.0	1.4	3.7	2.6	33	0.7	1.8	1.0	36	0.76	0.052
1071479	Soil	0.3	60.2	13.3	74	0.4	16.0	7.0	400	1.34	91.7	2.0	3.5	1.5	51	1.0	1.3	1.2	24	1.71	0.067
1071476	Soil	1.5	27.2	9.7	66	0.3	19.5	9.2	477	1.92	120.2	3.3	4.8	3.1	35	0.3	12.9	1.0	37	0.64	0.071
1071477	Soil	0.8	19.0	19.2	71	0.3	19.1	7.7	455	1.76	56.2	0.6	28.7	4.3	35	0.4	1.7	0.5	35	0.67	0.088
1071454	Soil	0.6	20.2	12.4	62	0.2	20.8	8.4	341	1.97	26.4	0.7	4.5	2.6	91	0.3	1.1	0.4	33	1.61	0.079
1071460	Soil	0.7	39.1	10.4	74	0.3	23.0	8.3	275	2.20	52.4	1.1	3.8	5.3	27	0.2	11.6	0.4	44	0.44	0.091
1071453	Soil	1.0	18.6	10.3	50	0.1	14.1	5.8	375	1.17	20.9	0.6	2.4	1.5	80	0.6	1.2	0.3	23	2.58	0.119
1071451	Soil	0.8	21.6	16.4	65	0.2	21.3	6.9	241	1.79	80.6	1.8	5.4	2.0	71	0.5	2.7	0.8	34	1.65	0.109
1071458	Soil	1.2	72.5	11.9	95	0.5	31.9	7.9	204	2.05	213.3	2.0	12.7	1.4	49	1.0	24.0	1.5	55	1.70	0.104
1071455	Soil	0.4	13.7	11.2	46	<0.1	18.7	8.4	371	2.27	23.7	0.5	1.8	6.1	291	0.1	0.5	0.3	38	8.55	0.083
1071456	Soil	0.5	24.6	9.7	65	0.2	21.4	8.2	271	2.14	170.7	4.2	4.5	2.6	107	0.3	8.6	0.9	39	1.71	0.089

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Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000183.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1079974	Soil	19	17	0.30	163	0.014	<1	1.30	0.015	0.04	0.4	0.01	1.7	0.1	<0.05	4	<0.5	<0.2
1079973	Soil	16	23	0.40	158	0.025	<1	1.86	0.009	0.06	0.3	0.06	2.7	0.1	<0.05	4	<0.5	<0.2
1079976	Soil	20	26	0.63	141	0.036	2	2.13	0.040	0.06	0.3	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1079966	Soil	17	24	0.42	219	0.031	2	1.58	0.031	0.05	0.8	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1071473	Soil	18	19	0.33	225	0.030	<1	1.22	0.009	0.05	0.4	0.01	1.9	0.1	<0.05	4	<0.5	<0.2
1071465	Soil	17	26	0.72	261	0.066	2	1.65	0.053	0.13	0.3	0.02	3.2	0.3	<0.05	5	<0.5	<0.2
1071466	Soil	14	19	0.29	159	0.024	3	1.03	0.036	0.04	0.4	0.04	1.9	0.1	0.09	3	<0.5	<0.2
1071463	Soil	15	38	0.84	322	0.084	3	2.28	0.074	0.17	0.3	0.02	4.2	0.3	0.08	7	<0.5	<0.2
1071464	Soil	16	22	0.32	241	0.031	3	1.15	0.038	0.07	0.4	0.04	2.2	0.1	0.12	4	<0.5	<0.2
1071472	Soil	19	23	0.41	234	0.026	<1	1.41	0.008	0.06	0.2	0.02	2.5	0.1	<0.05	4	<0.5	<0.2
1071471	Soil	15	23	0.43	249	0.017	<1	1.67	0.013	0.04	0.2	0.03	2.6	0.1	0.06	5	<0.5	<0.2
1071469	Soil	24	25	0.57	252	0.048	2	1.64	0.041	0.10	0.3	0.02	2.8	0.2	<0.05	5	<0.5	<0.2
1071467	Soil	15	19	0.45	162	0.015	2	1.48	0.049	0.04	0.3	0.02	2.4	<0.1	0.07	5	<0.5	<0.2
1071468	Soil	23	16	0.27	172	0.010	2	1.20	0.016	0.04	0.3	0.04	1.1	0.2	0.10	4	0.6	<0.2
1071470	Soil	19	32	0.59	266	0.026	2	2.06	0.025	0.08	0.2	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1071474	Soil	20	24	0.36	188	0.021	2	1.55	0.031	0.04	0.4	0.02	1.9	0.1	0.07	5	<0.5	<0.2
1071461	Soil	13	25	0.40	128	0.035	<1	1.07	0.007	0.06	0.4	0.01	1.7	0.1	<0.05	5	<0.5	<0.2
1071459	Soil	22	33	0.56	176	0.030	2	1.64	0.029	0.07	0.3	0.05	4.1	0.2	<0.05	6	<0.5	<0.2
1071462	Soil	12	24	0.40	187	0.021	<1	1.33	0.011	0.04	0.3	0.02	1.8	0.2	0.05	5	<0.5	<0.2
1071478	Soil	14	21	0.36	230	0.016	4	1.17	0.019	0.04	0.3	0.07	2.4	0.1	<0.05	4	<0.5	<0.2
1071479	Soil	10	17	0.30	261	0.015	16	0.98	0.016	0.04	0.2	0.04	1.4	0.2	0.08	3	<0.5	<0.2
1071476	Soil	17	25	0.43	197	0.028	1	1.44	0.014	0.04	0.3	0.03	2.3	0.2	<0.05	4	<0.5	<0.2
1071477	Soil	12	20	0.38	213	0.027	2	1.06	0.026	0.05	0.5	0.02	1.9	0.1	<0.05	3	<0.5	<0.2
1071454	Soil	16	26	0.47	273	0.029	3	1.94	0.095	0.07	0.2	0.03	1.9	0.1	<0.05	6	0.5	<0.2
1071460	Soil	18	27	0.47	273	0.041	2	1.21	0.011	0.06	0.2	0.05	3.2	0.1	<0.05	4	<0.5	<0.2
1071453	Soil	11	22	0.27	231	0.024	5	1.19	0.037	0.05	0.1	0.10	1.4	<0.1	0.16	4	0.8	<0.2
1071451	Soil	20	30	0.37	253	0.024	3	1.74	0.034	0.05	0.3	0.04	1.8	0.1	0.10	5	0.6	<0.2
1071458	Soil	9	24	0.42	239	0.008	3	1.21	0.008	0.06	0.2	0.08	2.9	0.2	0.08	4	0.8	<0.2
1071455	Soil	14	44	1.11	418	0.108	2	3.06	0.239	0.41	0.2	0.01	4.1	0.3	<0.05	10	<0.5	<0.2
1071456	Soil	16	36	0.69	236	0.048	3	2.24	0.061	0.07	0.3	0.05	2.7	0.2	<0.05	7	1.4	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1071452	Soil	0.5	18.3	12.3	51	0.1	20.8	8.2	219	1.76	38.9	0.9	4.5	4.4	52	0.1	1.4	0.5	32	0.69	0.063
1071457	Soil	1.8	78.4	14.2	95	0.2	38.5	12.6	322	2.86	87.3	0.9	8.0	4.4	30	0.7	2.8	0.6	67	0.24	0.043

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1071452	Soil	17	24	0.39	238	0.034	2	1.69	0.050	0.05	0.4	0.04	2.3	0.1	<0.05	5	<0.5	<0.2
1071457	Soil	13	34	0.63	248	0.042	2	2.33	0.007	0.07	0.3	0.04	2.9	0.3	<0.05	6	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

QUALITY CONTROL REPORT DAW11000183.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1151522	Soil	0.7	16.9	10.8	62	<0.1	18.5	8.4	412	2.44	28.6	1.0	8.9	1.2	23	0.2	1.9	0.4	44	0.34	0.082
REP 1151522	QC	0.8	17.5	10.9	64	<0.1	19.1	8.5	417	2.47	29.4	1.0	9.2	1.2	23	0.1	2.0	0.4	44	0.35	0.081
1151530	Soil	0.7	29.9	35.1	65	0.3	24.5	10.3	391	2.21	18.5	1.8	3.9	3.2	43	0.4	1.7	0.7	41	0.85	0.069
REP 1151530	QC	0.7	28.7	32.9	61	0.3	24.3	9.8	371	2.10	17.4	1.7	3.3	3.2	41	0.3	1.7	0.6	38	0.80	0.063
1198969	Soil	0.8	49.3	39.0	69	0.3	26.9	9.9	369	2.21	23.7	1.9	6.7	3.5	57	0.6	3.8	1.1	40	1.37	0.088
REP 1198969	QC	0.7	48.4	39.4	70	0.3	26.3	9.9	366	2.23	24.0	1.8	10.7	3.5	57	0.6	3.8	1.1	39	1.37	0.086
1071343	Soil	1.1	34.3	61.6	94	0.3	25.4	10.7	392	2.45	86.7	1.1	4.3	2.1	34	0.8	2.5	0.9	45	0.38	0.090
REP 1071343	QC	0.9	34.7	61.6	91	0.3	24.6	10.6	393	2.40	87.4	1.1	3.0	1.8	34	0.7	2.5	0.9	44	0.38	0.086
1071342	Soil	0.9	39.2	32.4	84	0.3	26.5	10.1	351	2.72	57.0	1.0	7.0	3.8	38	0.6	2.8	1.3	51	0.54	0.081
REP 1071342	QC	0.8	38.4	31.9	91	0.2	27.5	10.5	346	2.72	56.3	1.1	10.7	4.1	38	0.7	2.7	1.2	50	0.55	0.087
1151705	Soil	0.8	44.3	22.6	69	0.4	21.9	9.6	376	2.28	518.5	1.8	17.3	2.5	49	0.8	5.3	1.9	37	0.90	0.081
REP 1151705	QC	0.8	43.7	22.4	68	0.4	22.8	9.2	367	2.34	516.9	1.7	24.9	2.6	53	0.7	5.5	1.9	36	0.89	0.079
1151724	Soil	0.6	25.1	24.5	76	0.3	21.3	9.4	354	2.20	39.2	1.4	9.0	2.6	72	0.5	2.6	1.1	43	1.25	0.076
REP 1151724	QC	0.6	24.4	25.3	75	0.3	21.2	9.3	358	2.15	38.6	1.5	2.6	3.0	75	0.4	2.6	1.1	43	1.27	0.080
1071403	Soil	0.7	20.4	8.5	71	0.1	18.0	6.8	251	2.30	11.1	5.2	7.6	8.1	25	0.2	0.7	0.1	44	0.34	0.098
REP 1071403	QC	0.7	20.7	8.5	72	<0.1	18.7	7.1	268	2.39	11.4	5.3	3.4	7.8	25	0.2	0.7	0.1	47	0.36	0.100
1151815	Soil	0.9	22.1	29.7	79	0.2	22.7	8.7	329	2.17	43.5	1.1	1.3	2.3	34	0.4	2.1	0.7	45	0.58	0.069
REP 1151815	QC	0.9	22.1	29.3	82	0.2	22.5	8.7	323	2.20	44.7	1.1	3.7	2.4	33	0.4	2.2	0.7	45	0.58	0.068
1079965	Soil	0.5	40.9	21.8	67	0.7	22.2	8.0	312	2.10	150.4	1.1	19.2	4.8	70	0.5	11.1	1.6	35	0.98	0.099
REP 1079965	QC	0.6	41.9	21.6	70	0.7	22.7	8.4	318	2.11	151.4	1.1	19.3	4.8	70	0.5	11.0	1.7	36	0.98	0.098
1071479	Soil	0.3	60.2	13.3	74	0.4	16.0	7.0	400	1.34	91.7	2.0	3.5	1.5	51	1.0	1.3	1.2	24	1.71	0.067
REP 1071479	QC	0.3	59.4	13.5	74	0.5	16.3	7.1	387	1.33	91.2	2.1	4.2	1.6	52	0.9	1.3	1.1	24	1.71	0.067
1071458	Soil	1.2	72.5	11.9	95	0.5	31.9	7.9	204	2.05	213.3	2.0	12.7	1.4	49	1.0	24.0	1.5	55	1.70	0.104
REP 1071458	QC	1.2	72.2	11.8	98	0.5	33.1	7.9	205	2.05	215.4	1.9	13.4	1.3	48	1.0	23.7	1.5	56	1.72	0.106
Reference Materials																					
STD DS8	Standard	13.7	111.9	129.0	327	1.8	39.2	8.1	662	2.63	27.6	3.0	125.5	6.9	71	2.5	5.5	6.9	44	0.77	0.081
STD DS8	Standard	13.3	123.3	128.3	329	1.9	40.1	8.1	640	2.53	27.1	2.9	113.1	6.8	65	2.7	5.8	7.2	44	0.70	0.091
STD DS8	Standard	12.1	100.3	119.3	293	1.8	35.5	6.9	562	2.25	23.6	2.6	106.3	6.7	64	2.2	5.2	6.1	38	0.63	0.075

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

QUALITY CONTROL REPORT DAW11000183.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1151522	Soil	13	27	0.48	215	0.021	<1	1.77	0.008	0.04	0.3	0.03	1.7	0.1	<0.05	6	<0.5	<0.2
REP 1151522	QC	13	26	0.49	217	0.021	<1	1.78	0.008	0.04	0.3	0.04	1.7	0.1	<0.05	6	<0.5	<0.2
1151530	Soil	20	26	0.50	344	0.031	1	1.86	0.031	0.05	0.3	0.04	2.7	0.2	<0.05	6	0.5	<0.2
REP 1151530	QC	19	26	0.47	321	0.030	<1	1.72	0.028	0.05	0.3	0.04	2.5	0.1	<0.05	5	<0.5	<0.2
1198969	Soil	20	29	0.53	339	0.030	4	1.86	0.044	0.06	0.4	0.04	3.0	0.2	0.09	6	<0.5	<0.2
REP 1198969	QC	20	28	0.54	333	0.030	5	1.86	0.043	0.06	0.4	0.05	3.1	0.2	0.07	6	0.6	<0.2
1071343	Soil	16	27	0.49	243	0.030	2	2.03	0.012	0.05	0.7	0.02	2.3	0.2	0.06	6	0.5	<0.2
REP 1071343	QC	16	27	0.49	246	0.028	2	1.95	0.012	0.05	0.7	0.03	2.3	0.2	<0.05	6	<0.5	<0.2
1071342	Soil	18	30	0.50	484	0.027	1	1.86	0.017	0.06	0.8	0.05	3.5	0.1	0.06	6	<0.5	<0.2
REP 1071342	QC	19	28	0.51	487	0.030	1	1.75	0.017	0.06	0.7	0.05	3.3	0.1	0.06	6	<0.5	<0.2
1151705	Soil	23	23	0.42	281	0.024	1	1.91	0.030	0.06	0.3	0.05	2.1	0.1	0.11	6	0.9	<0.2
REP 1151705	QC	22	23	0.42	298	0.024	1	1.91	0.029	0.06	0.4	0.04	2.1	0.1	0.11	6	0.6	<0.2
1151724	Soil	17	31	0.64	293	0.048	5	2.16	0.057	0.07	0.6	0.06	2.9	0.2	0.07	6	0.7	<0.2
REP 1151724	QC	16	31	0.64	290	0.051	5	2.18	0.058	0.07	0.6	0.05	3.2	0.2	0.09	7	0.9	<0.2
1071403	Soil	26	25	0.52	206	0.099	2	1.53	0.009	0.14	0.4	0.03	3.8	0.3	<0.05	5	<0.5	<0.2
REP 1071403	QC	26	26	0.54	206	0.103	1	1.58	0.009	0.14	0.5	0.03	3.9	0.3	<0.05	5	0.6	<0.2
1151815	Soil	13	28	0.49	245	0.029	2	1.65	0.017	0.05	0.5	0.05	2.4	0.2	<0.05	5	0.8	<0.2
REP 1151815	QC	13	28	0.47	248	0.027	2	1.63	0.016	0.05	0.3	0.04	2.5	0.2	<0.05	5	0.6	<0.2
1079965	Soil	18	27	0.50	242	0.033	2	1.82	0.056	0.04	1.1	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
REP 1079965	QC	18	27	0.50	238	0.035	3	1.85	0.057	0.05	0.8	0.05	3.0	0.1	<0.05	5	<0.5	<0.2
1071479	Soil	10	17	0.30	261	0.015	16	0.98	0.016	0.04	0.2	0.04	1.4	0.2	0.08	3	<0.5	<0.2
REP 1071479	QC	11	16	0.30	262	0.015	19	1.01	0.016	0.04	0.2	0.05	1.5	0.2	0.08	3	0.6	<0.2
1071458	Soil	9	24	0.42	239	0.008	3	1.21	0.008	0.06	0.2	0.08	2.9	0.2	0.08	4	0.8	<0.2
REP 1071458	QC	9	25	0.41	240	0.009	4	1.21	0.008	0.07	0.2	0.10	3.0	0.2	0.10	4	0.6	<0.2
Reference Materials																		
STD DS8	Standard	17	120	0.62	285	0.126	3	1.00	0.106	0.46	3.2	0.21	2.7	5.5	0.18	5	5.5	5.2
STD DS8	Standard	15	121	0.64	284	0.121	3	0.92	0.087	0.44	3.0	0.20	2.1	5.7	0.18	5	5.2	4.8
STD DS8	Standard	15	107	0.56	256	0.104	<1	0.84	0.087	0.38	2.7	0.18	1.8	5.1	0.16	4	4.6	5.0

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

QUALITY CONTROL REPORT DAW11000183.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.6	120.9	131.9	332	1.9	41.5	8.2	642	2.64	27.1	2.9	122.8	7.2	67	2.6	6.0	7.4	44	0.70	0.089
STD DS8	Standard	13.3	111.7	125.0	314	1.8	38.4	7.6	606	2.50	24.4	2.8	111.3	6.9	67	2.2	5.7	6.8	43	0.69	0.079
STD DS8	Standard	13.4	108.3	123.9	320	1.7	35.9	7.6	598	2.42	27.1	2.6	101.0	6.7	65	2.6	6.0	6.1	42	0.72	0.080
STD DS8	Standard	15.0	112.3	128.4	322	1.9	38.8	8.0	646	2.58	25.3	2.9	125.1	7.4	67	2.4	5.5	6.9	45	0.75	0.079
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: August 30, 2011

QUALITY CONTROL REPORT DAW11000183.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	15	122	0.62	298	0.122	<1	0.91	0.091	0.42	3.1	0.22	2.2	5.8	0.18	5	5.4	5.2
STD DS8	Standard	14	119	0.61	276	0.118	3	0.90	0.084	0.41	2.8	0.19	2.0	5.4	0.18	5	6.0	5.1
STD DS8	Standard	15	118	0.59	278	0.118	2	0.94	0.096	0.42	2.8	0.20	2.6	5.2	0.19	5	6.1	4.6
STD DS8	Standard	17	125	0.64	291	0.129	3	0.97	0.097	0.43	3.1	0.21	2.3	5.7	0.08	5	6.2	5.4
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 13, 2011
Report Date: September 01, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000185.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-03
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
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BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS DAW11000185.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096151	Soil	1.0	41.0	9.4	84	<0.1	29.2	15.4	421	2.68	5.9	1.1	3.5	8.1	21	0.3	0.5	0.3	38	0.16	0.046
1096152	Soil	1.2	19.5	9.9	52	<0.1	16.8	6.8	182	2.43	8.7	0.6	1.2	1.1	9	0.2	0.6	0.4	46	0.07	0.039
1096153	Soil	0.7	22.2	10.4	57	<0.1	21.8	10.2	407	2.62	13.3	0.5	4.1	3.7	8	0.2	0.5	0.3	41	0.09	0.032
1096154	Soil	0.7	35.2	14.7	69	0.1	30.4	15.6	464	2.99	14.1	1.1	4.3	5.3	24	0.2	0.5	3.3	46	0.11	0.035
1096155	Soil	0.8	31.9	22.9	78	0.3	28.7	16.1	525	2.92	18.9	0.9	15.2	6.2	16	0.5	0.7	0.5	41	0.14	0.056
1096156	Soil	0.7	36.2	19.7	64	0.2	26.4	13.1	320	2.74	85.8	1.1	3.4	6.3	21	0.2	0.8	2.2	36	0.16	0.064
1096157	Soil	0.9	35.3	41.4	82	0.4	28.8	14.3	426	3.11	75.1	1.2	12.1	5.4	18	0.4	0.8	2.1	41	0.11	0.051
1096158	Soil	1.0	39.3	44.0	85	0.5	27.3	12.7	330	3.23	97.1	1.2	3.6	7.2	22	0.4	0.7	1.9	40	0.11	0.045
1096161	Soil	0.8	29.7	15.8	69	0.2	21.5	9.2	303	2.86	22.3	1.2	4.3	4.4	14	0.2	0.7	0.6	37	0.08	0.041
1096159	Soil	0.9	30.4	15.9	72	0.2	24.7	12.3	372	2.90	30.0	1.0	5.0	6.0	15	0.3	0.7	0.6	38	0.11	0.047
1096162	Soil	0.9	29.4	15.9	69	0.2	20.7	9.2	300	2.79	21.7	1.1	2.3	3.7	13	0.2	0.7	0.5	36	0.08	0.039
1096160	Soil	0.8	30.5	15.6	74	0.1	23.1	11.5	359	2.83	25.7	1.1	10.7	5.9	15	0.3	0.7	0.6	37	0.10	0.044
1096164	Soil	0.9	27.9	15.9	68	<0.1	24.6	10.4	337	2.63	20.1	1.3	4.6	3.2	12	0.2	1.1	0.5	38	0.08	0.037
1096163	Soil	0.9	27.6	15.6	71	0.2	22.8	9.6	324	2.77	20.1	1.3	4.0	2.9	13	0.3	0.7	0.5	40	0.08	0.040
1096166	Soil	0.9	25.3	12.5	68	0.1	22.4	8.8	231	2.52	15.1	1.2	10.1	2.7	11	0.3	0.9	0.3	41	0.12	0.053
1096165	Soil	1.1	30.2	14.7	73	0.2	26.4	10.5	304	2.49	18.4	1.0	0.8	6.4	17	0.4	1.1	0.4	39	0.20	0.074
1096167	Soil	1.0	23.5	12.5	65	<0.1	20.2	8.2	219	2.54	14.0	1.3	3.0	2.8	10	0.1	0.8	0.3	42	0.10	0.049
1096168	Soil	1.0	33.3	22.1	95	<0.1	26.6	11.5	261	2.82	16.1	1.6	1.5	5.5	11	0.2	2.5	0.3	39	0.06	0.035
1096169	Soil	0.9	21.5	15.0	62	<0.1	19.9	7.2	170	2.56	16.8	1.1	2.2	2.3	9	0.1	1.2	0.4	40	0.07	0.035
1096170	Soil	0.8	25.0	13.8	72	<0.1	22.7	8.8	202	2.56	13.7	1.1	1.3	3.6	10	0.3	1.2	0.3	39	0.09	0.044
1096171	Soil	1.0	19.7	13.6	57	<0.1	17.8	7.0	171	2.45	14.6	1.1	2.9	1.2	8	0.2	0.9	0.3	42	0.07	0.038
1096172	Soil	0.9	17.1	14.3	52	<0.1	16.2	6.3	146	2.22	12.5	0.9	3.1	1.5	8	0.2	0.7	0.4	39	0.07	0.040
1096173	Soil	1.0	15.8	12.2	56	<0.1	16.0	6.4	179	2.22	10.9	0.8	1.8	1.2	7	0.1	0.8	0.3	38	0.07	0.042
1096174	Soil	0.8	18.9	14.0	61	0.1	18.5	8.8	322	2.26	11.6	0.8	2.7	1.6	8	0.1	1.3	0.3	33	0.08	0.046
1096175	Soil	0.8	16.1	14.3	55	<0.1	15.4	7.4	257	2.15	10.9	0.8	8.4	1.3	7	0.2	2.0	0.2	33	0.06	0.042
1096176	Soil	0.9	19.3	13.0	56	<0.1	18.4	7.4	200	2.13	10.2	0.8	1.2	1.4	8	0.1	1.3	0.3	34	0.08	0.047
1096179	Soil	1.0	17.9	19.7	53	<0.1	18.8	6.5	181	2.14	11.4	0.7	4.3	1.0	9	0.2	2.2	0.2	38	0.08	0.044
1096178	Soil	0.9	18.3	17.1	48	<0.1	17.2	6.2	149	2.15	11.2	0.9	2.1	0.4	7	0.1	1.1	0.3	42	0.07	0.044
1096177	Soil	1.1	14.6	17.7	52	<0.1	16.8	8.7	348	2.66	12.9	0.7	4.3	0.5	7	0.1	1.4	0.3	42	0.05	0.051
1074593	Soil	1.0	32.1	17.1	104	0.3	34.5	16.1	534	3.05	10.9	1.3	1.9	3.4	40	0.3	4.0	0.2	40	0.83	0.094

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096151	Soil	23	27	0.50	143	0.085	1	1.32	0.006	0.29	0.1	<0.01	2.7	0.3	<0.05	4	<0.5	<0.2
1096152	Soil	14	24	0.31	113	0.036	1	1.31	0.004	0.10	0.2	0.04	1.3	0.2	<0.05	5	<0.5	<0.2
1096153	Soil	13	26	0.47	90	0.057	1	1.47	0.004	0.13	0.2	0.02	2.3	0.2	<0.05	4	<0.5	<0.2
1096154	Soil	19	33	0.62	141	0.088	1	1.78	0.007	0.31	0.2	0.04	2.8	0.3	<0.05	5	<0.5	<0.2
1096155	Soil	19	27	0.48	158	0.073	1	1.46	0.006	0.19	0.4	0.04	2.2	0.2	<0.05	4	<0.5	<0.2
1096156	Soil	16	30	0.42	101	0.050	1	1.08	0.007	0.16	0.4	0.02	1.8	0.2	<0.05	3	<0.5	<0.2
1096157	Soil	19	33	0.49	160	0.061	1	1.56	0.008	0.22	0.3	0.04	2.1	0.2	<0.05	5	<0.5	<0.2
1096158	Soil	20	32	0.48	164	0.072	2	1.55	0.010	0.27	0.3	0.03	2.2	0.3	0.06	5	<0.5	<0.2
1096161	Soil	21	26	0.46	156	0.052	2	1.49	0.006	0.19	0.2	0.04	2.0	0.3	<0.05	5	<0.5	<0.2
1096159	Soil	19	27	0.47	156	0.059	1	1.52	0.007	0.21	0.3	0.03	2.1	0.2	<0.05	5	<0.5	<0.2
1096162	Soil	19	26	0.46	147	0.048	1	1.47	0.006	0.18	0.2	0.03	2.0	0.2	<0.05	5	<0.5	<0.2
1096160	Soil	20	26	0.48	170	0.057	1	1.55	0.007	0.22	0.2	0.03	2.2	0.3	<0.05	5	<0.5	<0.2
1096164	Soil	18	28	0.46	117	0.046	1	1.50	0.005	0.15	0.1	0.02	1.9	0.2	<0.05	4	<0.5	<0.2
1096163	Soil	19	30	0.48	157	0.050	1	1.59	0.005	0.15	0.2	0.04	2.0	0.3	<0.05	5	<0.5	<0.2
1096166	Soil	18	26	0.40	161	0.046	<1	1.30	0.005	0.11	0.2	0.02	2.0	0.2	<0.05	4	<0.5	<0.2
1096165	Soil	19	25	0.42	151	0.062	<1	1.12	0.007	0.18	0.2	0.02	2.2	0.2	<0.05	4	<0.5	<0.2
1096167	Soil	17	27	0.41	139	0.037	1	1.44	0.004	0.08	0.2	0.03	2.1	0.2	<0.05	4	<0.5	<0.2
1096168	Soil	27	33	0.52	116	0.043	1	1.56	0.004	0.13	0.2	0.02	2.5	0.2	<0.05	4	<0.5	<0.2
1096169	Soil	17	28	0.43	94	0.032	1	1.49	0.004	0.10	0.2	0.04	1.7	0.2	<0.05	5	<0.5	<0.2
1096170	Soil	20	28	0.46	126	0.043	1	1.52	0.005	0.11	0.2	0.02	2.4	0.2	<0.05	4	<0.5	<0.2
1096171	Soil	15	28	0.41	91	0.030	1	1.44	0.004	0.08	0.2	0.03	1.6	0.2	<0.05	5	<0.5	<0.2
1096172	Soil	16	26	0.35	90	0.026	<1	1.39	0.004	0.08	0.2	0.04	1.5	0.2	<0.05	5	<0.5	<0.2
1096173	Soil	16	25	0.37	77	0.030	<1	1.33	0.004	0.07	0.2	0.03	1.4	0.2	<0.05	4	<0.5	<0.2
1096174	Soil	15	22	0.33	81	0.027	<1	1.20	0.003	0.07	0.2	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
1096175	Soil	18	22	0.32	89	0.023	<1	1.24	0.003	0.06	0.1	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
1096176	Soil	18	23	0.36	85	0.027	<1	1.18	0.004	0.07	0.1	0.02	1.4	0.1	<0.05	4	<0.5	<0.2
1096179	Soil	18	28	0.41	72	0.019	<1	1.17	0.003	0.04	0.2	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
1096178	Soil	17	27	0.36	85	0.017	1	1.26	0.003	0.04	0.2	0.04	0.8	0.1	<0.05	5	<0.5	<0.2
1096177	Soil	14	26	0.36	69	0.019	<1	1.26	0.004	0.04	0.2	0.02	1.0	0.1	<0.05	5	<0.5	<0.2
1074593	Soil	15	27	0.78	347	0.009	2	1.46	0.005	0.05	0.2	0.08	3.0	0.2	<0.05	4	1.3	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078798	Soil	1.8	34.1	23.2	98	0.3	27.3	12.3	547	3.40	10.9	1.0	1.8	8.7	45	0.5	5.4	0.3	70	0.59	0.100
1078799	Soil	0.8	22.8	15.2	61	0.2	24.4	10.7	535	2.63	8.6	0.8	3.9	4.5	76	0.2	1.8	0.2	38	2.36	0.071
1078800	Soil	0.7	24.8	14.9	66	0.2	23.9	10.9	372	2.48	8.2	0.6	1.8	4.6	114	0.3	2.5	0.2	33	5.72	0.071
1074594	Soil	1.4	28.4	15.1	113	0.4	45.6	15.1	510	3.16	8.3	0.6	2.5	5.3	40	0.6	2.5	0.1	42	0.96	0.099
1074597	Soil	0.5	28.7	11.4	65	0.2	24.7	10.5	312	2.28	6.3	0.6	3.9	3.6	48	0.3	1.1	0.1	26	1.57	0.079
1074591	Soil	0.5	20.0	15.0	64	0.2	23.4	10.6	509	2.32	6.9	0.5	0.8	3.0	88	0.4	1.9	0.1	24	2.53	0.106
1074595	Soil	0.5	25.0	14.0	69	0.2	27.2	12.3	546	2.77	9.6	0.4	3.2	3.2	41	0.3	1.3	0.2	32	1.05	0.084
1074596	Soil	0.2	19.5	8.8	53	0.1	15.8	7.1	429	1.63	4.1	1.2	2.6	1.2	99	0.5	0.8	0.1	17	2.86	0.087
1074592	Soil	0.6	26.8	31.1	68	0.3	16.4	8.2	857	2.28	15.5	2.3	4.5	2.2	71	1.1	13.9	0.2	33	2.03	0.121
1074590	Soil	0.6	22.2	19.5	77	0.2	23.5	10.7	387	2.56	7.7	0.6	2.2	5.0	55	0.4	4.6	0.2	36	2.04	0.117
1078797	Soil	2.0	45.8	42.2	113	0.9	29.3	11.0	403	2.96	12.5	1.4	5.2	6.8	35	0.9	11.3	0.2	44	0.46	0.117
1079897	Soil	2.4	65.0	50.6	225	1.0	55.8	21.1	645	4.18	15.4	1.6	2.4	11.2	39	3.2	76.7	0.3	37	0.38	0.105
1079896	Soil	2.2	53.7	32.3	146	0.6	51.8	20.4	543	4.25	14.3	1.3	2.4	7.5	35	1.6	35.0	0.3	36	0.29	0.101
1079889	Soil	2.0	48.3	20.6	102	0.2	46.7	19.1	451	4.19	12.6	1.1	2.7	5.1	30	0.5	4.3	0.3	34	0.21	0.097
1079886	Soil	3.4	166.3	122.6	142	1.8	60.8	13.8	432	4.15	71.7	2.5	3.7	5.0	46	1.3	28.7	1.9	62	0.45	0.128
1079888	Soil	1.1	33.6	20.9	77	0.1	27.7	10.9	353	2.68	88.6	1.1	10.3	5.4	22	0.4	3.9	0.5	44	0.25	0.073
1079887	Soil	1.5	44.0	30.9	68	0.4	26.9	15.0	562	3.37	50.7	1.4	2.9	4.5	41	0.3	8.2	0.8	62	0.43	0.100
1079890	Soil	1.0	26.9	20.6	80	0.2	25.4	11.3	460	3.02	17.5	1.5	4.3	4.1	37	0.2	4.1	0.2	58	0.35	0.097
1079894	Soil	1.7	34.7	39.6	164	0.5	45.8	18.5	622	2.89	13.2	1.0	2.6	3.2	30	1.3	16.0	0.1	31	0.28	0.078
1079895	Soil	2.4	93.2	298.5	289	1.3	45.6	14.3	617	3.38	51.2	1.6	5.1	9.2	70	1.1	39.2	1.1	86	0.72	0.158
1079891	Soil	0.9	24.6	16.2	67	0.1	25.6	11.4	448	2.58	12.8	1.3	1.9	4.7	30	0.2	3.9	0.2	42	0.33	0.083
1079892	Soil	3.7	81.8	31.6	223	0.5	72.4	17.0	406	3.92	26.5	1.2	3.3	4.5	28	1.7	13.3	0.2	26	0.18	0.101
1079893	Soil	3.0	67.4	24.1	184	0.3	59.4	14.7	347	3.46	22.1	1.0	3.7	4.1	23	1.2	7.1	0.2	27	0.17	0.086
1071249	Soil	3.3	59.4	13.7	104	0.4	45.6	25.6	1380	4.06	5.8	0.7	1.7	1.3	118	1.8	2.3	0.2	64	0.36	0.157
1074598	Soil	3.1	71.5	21.8	144	0.6	42.5	16.9	487	3.49	8.0	1.6	4.8	10.4	66	1.0	2.6	0.2	25	0.60	0.098
1074600	Soil	1.6	38.7	19.7	84	0.2	43.0	22.0	567	3.67	13.4	1.2	2.0	3.8	45	0.6	4.6	0.2	54	0.20	0.111
1071247	Soil	2.7	49.6	28.8	114	0.5	52.1	25.5	549	3.53	7.8	1.2	1.3	2.0	126	1.4	4.1	0.1	50	0.47	0.130
1071246	Soil	2.6	42.6	45.7	160	0.2	35.2	13.0	385	3.67	20.8	3.0	3.6	6.3	34	0.5	16.3	0.4	52	0.22	0.095
1074599	Soil	9.8	148.1	27.7	245	0.3	54.5	16.1	306	3.29	16.7	2.0	14.4	5.0	61	1.2	8.0	0.3	50	0.33	0.181
1071250	Soil	1.6	17.3	14.3	52	0.2	17.5	10.2	287	1.66	3.7	0.7	1.4	0.9	40	0.4	1.9	0.2	45	0.29	0.090

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS DAW11000185.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078798	Soil	21	50	1.33	348	0.107	1	1.93	0.009	0.17	0.2	0.04	5.4	0.3	<0.05	6	<0.5	<0.2
1078799	Soil	19	27	1.02	291	0.043	<1	1.52	0.007	0.07	0.2	0.03	3.6	0.1	<0.05	4	<0.5	<0.2
1078800	Soil	14	28	1.18	226	0.052	2	1.40	0.008	0.08	0.2	0.03	3.1	0.1	<0.05	4	<0.5	<0.2
1074594	Soil	22	37	1.49	215	0.035	1	1.80	0.006	0.05	0.2	0.05	4.8	0.2	<0.05	5	<0.5	<0.2
1074597	Soil	14	23	1.10	167	0.011	2	1.39	0.005	0.04	0.1	0.06	2.7	<0.1	<0.05	4	<0.5	<0.2
1074591	Soil	18	22	0.85	175	0.010	<1	1.29	0.007	0.03	<0.1	0.06	2.9	<0.1	0.05	3	<0.5	<0.2
1074595	Soil	20	26	1.13	218	0.015	1	1.67	0.007	0.04	0.1	0.06	3.1	<0.1	<0.05	4	<0.5	<0.2
1074596	Soil	10	17	0.67	215	0.009	3	1.06	0.007	0.02	<0.1	0.07	1.3	<0.1	0.12	3	<0.5	<0.2
1074592	Soil	25	19	0.30	661	0.007	3	0.85	0.007	0.05	0.1	0.07	4.6	0.2	0.10	3	1.1	<0.2
1074590	Soil	18	29	1.13	260	0.038	2	1.59	0.008	0.07	0.2	0.04	3.3	<0.1	<0.05	5	<0.5	<0.2
1078797	Soil	21	32	1.03	305	0.058	1	1.50	0.006	0.09	0.1	0.04	3.2	0.2	<0.05	5	0.5	<0.2
1079897	Soil	30	25	2.34	308	0.037	<1	2.39	0.004	0.32	<0.1	0.02	2.5	0.4	<0.05	6	1.3	<0.2
1079896	Soil	28	32	1.33	277	0.030	1	1.83	0.007	0.16	<0.1	0.02	2.3	0.2	<0.05	5	1.1	<0.2
1079889	Soil	25	34	0.80	252	0.025	<1	1.57	0.008	0.06	<0.1	0.02	2.2	<0.1	<0.05	4	0.7	<0.2
1079886	Soil	17	40	0.81	692	0.046	1	1.55	0.016	0.21	0.2	0.04	3.2	0.7	0.12	5	2.2	<0.2
1079888	Soil	16	30	0.65	318	0.044	1	1.50	0.007	0.08	0.3	0.02	2.9	0.2	<0.05	4	<0.5	<0.2
1079887	Soil	18	42	0.88	726	0.069	1	1.81	0.010	0.22	0.2	0.03	4.4	0.6	<0.05	6	<0.5	<0.2
1079890	Soil	19	40	0.78	470	0.064	1	1.76	0.009	0.19	0.3	0.04	4.7	0.3	<0.05	5	<0.5	<0.2
1079894	Soil	20	21	0.45	1266	0.022	1	1.11	0.008	0.06	0.1	0.04	2.5	0.1	<0.05	3	<0.5	<0.2
1079895	Soil	20	48	1.67	777	0.159	2	2.56	0.010	0.37	0.4	0.02	4.9	0.8	<0.05	8	1.0	<0.2
1079891	Soil	20	27	0.63	500	0.048	2	1.34	0.008	0.09	0.3	0.03	3.3	0.2	<0.05	4	<0.5	<0.2
1079892	Soil	17	19	0.32	391	0.020	2	1.07	0.006	0.08	0.1	0.04	2.1	0.2	<0.05	3	1.3	<0.2
1079893	Soil	16	18	0.32	307	0.022	1	1.04	0.005	0.07	0.1	0.04	1.9	0.2	<0.05	3	1.2	<0.2
1071249	Soil	16	28	0.85	225	0.016	1	1.78	0.015	0.04	<0.1	0.04	2.8	<0.1	0.08	6	0.5	<0.2
1074598	Soil	32	14	0.44	251	0.005	1	0.88	0.004	0.13	<0.1	0.06	2.3	0.2	<0.05	3	1.0	<0.2
1074600	Soil	17	33	0.68	265	0.022	<1	1.75	0.009	0.04	0.2	0.03	3.2	<0.1	<0.05	5	<0.5	<0.2
1071247	Soil	15	27	0.71	218	0.020	1	1.36	0.015	0.04	<0.1	0.06	2.7	<0.1	0.08	4	0.6	<0.2
1071246	Soil	29	40	0.62	465	0.049	<1	1.47	0.006	0.11	0.1	0.04	4.3	0.5	<0.05	5	0.6	<0.2
1074599	Soil	17	20	0.54	172	0.020	2	1.02	0.005	0.13	0.1	0.03	1.7	0.2	<0.05	4	3.7	<0.2
1071250	Soil	10	43	0.35	191	0.030	2	0.89	0.009	0.04	0.2	0.05	1.9	0.2	0.05	4	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096050	Soil	1.3	19.0	23.8	70	0.2	20.3	8.9	233	2.35	11.2	1.6	2.3	3.3	13	0.4	3.4	0.2	44	0.13	0.063
1071245	Soil	3.1	69.6	19.8	123	0.8	85.8	33.7	1577	6.15	9.5	1.1	1.3	2.9	96	0.9	7.8	0.2	72	0.38	0.212
1071248	Soil	3.0	43.7	13.8	100	0.3	43.9	22.8	1101	3.94	7.5	0.8	1.3	1.7	79	1.0	2.3	0.1	61	0.32	0.148
1096049	Soil	22.0	51.5	52.1	303	1.6	49.3	8.6	146	4.30	54.6	6.5	2.3	7.2	46	0.6	22.3	0.3	114	0.04	0.179
1096109	Soil	0.8	25.1	13.7	63	0.2	23.1	9.0	308	2.50	11.4	1.1	4.5	4.0	15	0.3	2.2	0.5	43	0.15	0.056
1096108	Soil	1.2	18.8	16.4	52	0.2	19.8	7.7	257	2.73	14.1	0.8	2.8	3.8	13	0.2	1.1	0.5	51	0.09	0.033
1096110	Soil	1.0	25.2	17.6	80	0.2	26.2	13.4	436	3.10	12.0	1.0	2.9	5.0	22	0.4	3.2	0.7	75	0.21	0.065
1096112	Soil	0.9	28.1	13.0	59	0.2	20.8	8.6	153	2.04	11.6	1.4	9.0	3.6	15	0.2	1.6	0.6	43	0.14	0.058
1096111	Soil	0.8	29.6	12.2	68	0.2	24.9	11.4	316	2.67	12.0	1.1	4.3	6.0	20	0.3	1.7	0.7	50	0.18	0.064
1096114	Soil	0.7	32.3	16.2	63	0.1	30.7	12.3	217	2.77	27.7	1.1	5.0	6.5	21	0.2	2.0	0.9	43	0.12	0.042
1096113	Soil	0.6	30.3	46.8	72	0.2	37.0	9.2	206	2.44	28.5	1.1	6.5	6.7	26	0.4	8.6	1.2	41	0.21	0.062
1096115	Soil	0.6	29.4	40.2	68	0.2	25.3	11.5	245	2.55	45.4	1.0	2.4	6.2	17	0.2	2.2	0.8	39	0.14	0.049
1096116	Soil	0.7	35.7	16.8	71	0.2	30.0	11.7	239	2.94	18.9	1.1	3.0	4.6	15	0.2	1.4	0.6	39	0.13	0.051
1096118	Soil	0.7	25.4	11.0	62	0.1	26.1	11.2	263	2.47	16.7	0.7	1.0	4.5	15	0.3	1.3	0.4	40	0.14	0.038
1096117	Soil	0.7	29.9	16.0	82	0.2	23.9	10.8	272	2.45	28.2	0.8	1.7	5.9	18	0.7	1.2	0.6	35	0.19	0.050
1096120	Soil	0.7	41.0	15.6	187	0.1	42.8	17.4	320	3.21	53.1	0.9	2.3	7.5	22	2.3	2.3	1.1	44	0.13	0.042
1096119	Soil	0.7	34.5	10.5	73	0.1	24.5	9.0	195	3.00	18.1	1.0	3.0	8.6	16	0.2	1.8	0.7	41	0.10	0.033
1096122	Soil	0.9	20.2	21.8	95	0.2	24.0	12.0	368	2.60	15.6	0.6	2.5	5.8	9	1.9	1.0	0.2	37	0.10	0.046
1096121	Soil	0.8	38.6	15.8	130	<0.1	24.4	12.5	253	2.91	48.0	1.4	1.6	9.9	11	0.9	1.9	0.9	32	0.07	0.033
1096123	Soil	0.7	31.5	23.4	61	0.2	26.7	14.7	347	2.65	12.1	1.1	2.3	9.9	8	0.4	1.1	0.2	33	0.05	0.021
1096126	Soil	0.6	22.9	43.1	64	0.2	18.7	6.9	178	2.15	11.1	0.8	3.9	3.0	10	0.3	1.0	0.2	35	0.13	0.058
1096125	Soil	1.0	20.2	29.7	99	0.1	23.5	11.1	394	2.64	12.3	0.6	15.3	4.2	8	1.3	0.9	0.2	40	0.07	0.032
1096128	Soil	0.8	26.4	32.3	70	0.3	22.2	9.2	277	2.21	10.3	0.9	4.1	4.8	11	0.5	1.2	0.2	33	0.14	0.054
1096127	Soil	0.9	9.5	22.3	38	0.1	11.1	4.7	160	2.51	11.1	0.5	1.5	2.3	8	0.3	0.7	0.2	45	0.08	0.029
1096129	Soil	0.6	21.8	37.3	85	0.3	18.2	7.5	185	2.11	18.7	0.7	3.5	4.0	10	0.6	2.4	0.4	29	0.11	0.048
1096132	Soil	0.8	21.1	19.0	62	0.3	19.6	8.9	256	2.23	11.5	0.8	2.1	3.5	9	0.4	1.8	0.3	31	0.09	0.044
1096133	Soil	1.0	14.3	21.8	44	0.2	13.2	5.0	177	2.50	12.3	0.7	1.7	5.2	7	0.1	2.4	0.3	41	0.06	0.023
1096131	Soil	0.8	23.3	19.1	68	0.3	22.3	10.7	314	2.34	12.0	0.9	1.3	3.6	10	0.5	1.9	0.3	32	0.11	0.050
1096130	Soil	0.6	22.4	33.3	81	0.3	18.2	7.4	195	2.12	16.7	0.8	1.6	3.1	10	0.5	2.1	0.3	30	0.12	0.048
1096102	Soil	1.0	24.0	16.8	76	<0.1	41.2	13.4	402	2.64	11.0	1.2	11.8	4.8	11	0.4	2.1	0.2	46	0.13	0.047

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096050	Soil	19	26	0.41	174	0.027	<1	1.47	0.006	0.05	0.2	0.05	2.3	0.2	<0.05	4	<0.5	<0.2
1071245	Soil	29	42	1.24	223	0.010	<1	2.05	0.008	0.04	<0.1	0.08	4.8	0.2	0.06	6	1.1	<0.2
1071248	Soil	14	33	0.78	207	0.017	1	1.73	0.013	0.04	0.1	0.05	2.9	<0.1	0.05	5	0.6	<0.2
1096049	Soil	30	35	0.29	290	0.009	1	0.97	0.016	0.10	<0.1	0.08	1.9	0.6	0.19	3	5.4	<0.2
1096109	Soil	17	31	0.42	197	0.046	1	1.15	0.006	0.12	0.4	0.04	2.1	0.2	<0.05	4	<0.5	<0.2
1096108	Soil	17	32	0.36	128	0.058	1	1.31	0.006	0.08	0.4	0.04	2.0	0.2	<0.05	5	<0.5	<0.2
1096110	Soil	17	114	0.90	295	0.125	1	1.62	0.009	0.26	0.4	0.05	4.0	0.3	<0.05	6	<0.5	<0.2
1096112	Soil	18	34	0.46	236	0.049	1	1.34	0.007	0.12	0.3	0.04	2.7	0.2	<0.05	4	<0.5	<0.2
1096111	Soil	19	57	0.68	204	0.087	<1	1.46	0.008	0.24	0.3	0.03	2.9	0.3	<0.05	5	<0.5	<0.2
1096114	Soil	21	48	0.65	167	0.071	<1	1.78	0.007	0.24	0.2	0.02	2.7	0.4	<0.05	5	<0.5	<0.2
1096113	Soil	19	62	0.68	190	0.068	<1	1.54	0.009	0.27	0.2	0.02	2.7	0.3	<0.05	5	<0.5	<0.2
1096115	Soil	20	37	0.57	149	0.061	<1	1.57	0.007	0.24	0.2	0.02	2.5	0.3	<0.05	5	<0.5	<0.2
1096116	Soil	18	37	0.67	168	0.047	1	2.06	0.007	0.41	0.1	0.04	2.8	0.4	<0.05	6	<0.5	<0.2
1096118	Soil	18	30	0.46	212	0.033	<1	1.40	0.005	0.20	0.2	0.04	2.2	0.2	<0.05	5	<0.5	<0.2
1096117	Soil	18	24	0.47	175	0.045	<1	1.22	0.006	0.21	0.1	0.03	2.5	0.2	<0.05	4	<0.5	<0.2
1096120	Soil	23	62	0.87	151	0.057	<1	1.91	0.005	0.36	0.1	0.03	3.0	0.4	<0.05	6	<0.5	<0.2
1096119	Soil	27	41	0.70	176	0.064	1	1.70	0.006	0.32	0.1	0.03	3.1	0.4	<0.05	5	<0.5	<0.2
1096122	Soil	14	26	0.43	91	0.029	1	1.58	0.004	0.09	0.2	0.06	2.1	0.1	<0.05	3	<0.5	<0.2
1096121	Soil	32	25	0.55	108	0.033	<1	1.60	0.004	0.21	0.2	0.03	2.6	0.2	<0.05	4	<0.5	<0.2
1096123	Soil	31	23	0.43	110	0.024	1	1.57	0.004	0.17	0.1	0.05	2.0	0.2	<0.05	4	<0.5	<0.2
1096126	Soil	17	21	0.38	101	0.021	<1	1.25	0.004	0.07	0.2	0.07	2.0	0.1	<0.05	4	<0.5	<0.2
1096125	Soil	21	22	0.35	126	0.024	2	1.44	0.005	0.10	0.2	0.05	1.5	0.1	<0.05	4	<0.5	<0.2
1096128	Soil	19	21	0.40	126	0.030	1	1.16	0.005	0.07	0.2	0.03	2.3	0.1	<0.05	3	<0.5	<0.2
1096127	Soil	12	21	0.24	94	0.024	<1	1.25	0.004	0.05	0.2	0.04	1.4	<0.1	<0.05	5	<0.5	<0.2
1096129	Soil	21	19	0.39	89	0.019	<1	1.24	0.004	0.09	0.2	0.03	1.6	0.2	<0.05	4	<0.5	<0.2
1096132	Soil	22	22	0.42	128	0.018	1	1.37	0.004	0.11	0.2	0.05	1.6	0.1	<0.05	4	<0.5	<0.2
1096133	Soil	19	21	0.30	75	0.020	<1	1.35	0.004	0.07	0.2	0.05	1.6	0.2	<0.05	5	<0.5	<0.2
1096131	Soil	22	22	0.44	137	0.020	<1	1.37	0.004	0.11	0.2	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1096130	Soil	20	20	0.39	95	0.021	<1	1.27	0.004	0.09	0.1	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1096102	Soil	17	57	0.51	140	0.051	1	1.44	0.005	0.10	1.3	0.04	2.7	0.3	<0.05	4	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096104	Soil		2.1	43.1	30.8	95	0.3	68.0	15.4	516	2.90	15.6	2.2	18.3	6.7	18	0.6	3.5	0.3	52	0.21	0.073
1096101	Soil		1.6	35.2	10.6	75	0.1	38.1	15.0	588	2.72	10.2	1.5	2.1	5.6	14	0.2	1.4	0.1	47	0.14	0.054
1096103	Soil		0.9	31.0	32.9	87	0.2	40.3	15.7	464	2.77	16.8	1.6	13.8	6.1	13	0.6	5.3	0.2	42	0.17	0.067
1096106	Soil		0.9	31.8	21.6	69	0.3	34.7	11.1	291	2.80	18.4	1.1	12.7	4.8	13	0.3	3.3	0.5	49	0.13	0.049
1096105	Soil		0.8	21.6	14.9	53	0.2	21.8	8.3	277	3.12	11.4	0.8	5.9	5.8	7	0.3	1.2	0.3	49	0.07	0.030
1096107	Soil		0.9	25.3	14.6	69	0.3	25.8	10.1	354	2.62	13.1	1.1	21.2	4.7	14	0.3	1.6	0.4	44	0.14	0.054
1096124	Soil		0.3	29.8	50.7	138	0.2	29.8	14.2	524	2.77	9.8	1.4	1.2	12.6	5	1.6	3.9	0.3	16	0.02	0.026
1149855	Soil		1.8	71.1	11.2	70	0.1	100.5	29.4	1328	4.69	4.1	0.6	4.0	10.1	123	0.2	0.3	0.1	148	1.21	0.136
1149854	Soil		1.1	13.8	12.5	44	<0.1	16.4	7.7	311	2.39	10.4	0.6	11.4	5.0	8	0.2	0.7	0.2	46	0.08	0.033
1149852	Soil		0.7	72.0	10.6	59	<0.1	41.5	20.3	603	3.48	7.5	0.6	2.0	3.0	8	<0.1	0.6	0.2	58	0.11	0.031
1149853	Soil		0.8	13.7	13.1	48	<0.1	17.1	8.6	336	2.22	12.1	0.6	3.9	4.4	8	0.1	0.8	0.2	33	0.08	0.030
1149856	Soil		3.8	50.2	13.9	107	<0.1	88.2	38.5	1968	6.87	17.6	0.7	3.0	19.3	113	0.2	0.4	<0.1	168	0.70	0.157
1149851	Soil		0.7	23.2	11.0	36	<0.1	16.1	7.0	237	2.48	9.0	0.6	1.6	0.3	6	<0.1	0.5	0.2	49	0.06	0.044
1149858	Soil		21.5	49.4	19.2	106	<0.1	65.2	14.1	2102	4.01	3.8	1.3	1.0	4.9	27	0.2	0.5	0.5	33	0.18	0.038
1149862	Soil		0.9	11.7	12.2	41	<0.1	12.8	5.7	219	2.57	9.9	0.6	4.0	2.2	6	<0.1	0.6	0.2	43	0.05	0.027
1149859	Soil		3.9	17.9	38.8	99	0.2	29.3	15.8	1696	4.39	12.9	1.9	2.4	8.5	100	0.2	0.4	0.7	52	0.43	0.070
1149860	Soil		3.9	32.1	17.5	62	<0.1	29.7	16.3	1287	3.88	12.9	0.8	11.2	6.4	21	0.2	2.1	0.3	42	0.13	0.042
1149857	Soil		20.4	28.7	189.1	221	<0.1	22.4	12.1	1508	4.09	13.3	1.1	1.1	36.5	42	0.4	0.5	2.7	59	0.14	0.073
1149861	Soil		1.7	48.9	15.9	112	0.1	84.5	31.8	1315	7.32	13.0	0.8	2.4	6.2	87	0.2	0.8	0.2	90	0.58	0.166
1149781	Soil		1.2	25.6	14.4	66	<0.1	28.0	12.5	612	3.38	11.5	1.0	<0.5	1.3	12	0.2	0.8	0.2	40	0.05	0.044
1149782	Soil		1.0	20.9	15.8	53	0.2	28.9	10.4	398	2.65	13.1	0.9	5.2	2.8	16	0.1	1.5	0.1	26	0.12	0.071
1149783	Soil		1.8	15.8	11.8	50	0.1	13.1	6.6	320	2.71	9.0	0.8	1.1	0.2	8	0.3	0.8	0.3	52	0.06	0.055
1149784	Soil		1.4	15.2	51.7	66	<0.1	16.7	7.7	315	2.82	13.7	0.6	5.4	0.8	10	0.3	2.9	0.2	43	0.09	0.063
1149780	Soil		1.2	18.8	17.8	79	<0.1	33.5	14.8	768	3.65	15.9	0.7	2.0	2.3	16	0.3	0.7	0.2	54	0.12	0.061
1149875	Soil		1.0	8.2	12.4	28	<0.1	7.1	3.3	182	1.95	8.1	0.5	<0.5	0.2	5	<0.1	0.6	0.2	44	0.04	0.040
1149737	Soil		1.2	14.2	10.5	37	<0.1	15.6	5.1	219	2.00	6.6	0.6	6.6	0.4	7	<0.1	0.9	0.2	29	0.07	0.044
1149786	Soil		1.5	42.5	14.7	89	<0.1	123.6	32.2	1543	5.11	45.6	1.4	1.5	6.9	35	0.3	2.8	0.2	38	0.29	0.154
1149738	Soil		1.2	45.6	9.1	80	<0.1	39.8	21.6	931	3.10	8.3	0.8	<0.5	13.2	6	0.1	1.5	0.3	19	0.03	0.034
1149789	Soil		1.1	29.6	15.5	60	<0.1	27.6	9.2	519	3.13	8.5	1.1	<0.5	2.7	15	<0.1	1.9	0.2	23	0.16	0.072
1149787	Soil		1.0	50.6	21.4	55	0.1	59.2	15.6	989	4.57	14.7	1.6	<0.5	6.9	27	<0.1	2.8	0.2	23	0.27	0.101

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS DAW11000185.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096104	Soil	19	95	0.73	222	0.070	1	1.56	0.006	0.14	1.1	0.07	3.8	0.4	<0.05	5	<0.5	<0.2
1096101	Soil	17	57	0.53	126	0.065	1	1.47	0.007	0.16	1.4	0.03	3.3	0.3	<0.05	5	<0.5	<0.2
1096103	Soil	20	51	0.46	170	0.050	2	1.27	0.006	0.10	1.1	0.05	3.0	0.2	<0.05	4	<0.5	<0.2
1096106	Soil	17	53	0.49	153	0.061	1	1.41	0.005	0.16	1.0	0.07	2.9	0.3	<0.05	5	<0.5	<0.2
1096105	Soil	17	34	0.42	129	0.063	1	1.65	0.004	0.11	0.6	0.06	2.5	0.3	<0.05	5	<0.5	<0.2
1096107	Soil	18	35	0.43	197	0.051	<1	1.35	0.006	0.14	0.7	0.05	2.5	0.2	<0.05	4	<0.5	<0.2
1096124	Soil	40	15	0.36	81	0.008	2	1.31	0.003	0.19	<0.1	0.04	1.8	0.2	<0.05	4	<0.5	<0.2
1149855	Soil	24	284	2.80	521	0.202	<1	2.46	0.006	0.94	<0.1	0.02	15.5	0.3	<0.05	10	<0.5	<0.2
1149854	Soil	15	20	0.31	77	0.036	1	1.26	0.004	0.05	0.2	0.04	2.1	0.1	<0.05	5	<0.5	<0.2
1149852	Soil	10	40	0.84	127	0.067	<1	1.77	0.004	0.15	0.2	0.03	2.7	0.2	<0.05	5	<0.5	<0.2
1149853	Soil	13	22	0.36	85	0.030	1	1.30	0.004	0.04	0.2	0.04	2.3	0.1	<0.05	3	<0.5	<0.2
1149856	Soil	47	136	2.29	683	0.268	1	2.90	0.009	1.22	0.2	0.04	16.2	0.9	<0.05	12	<0.5	<0.2
1149851	Soil	12	24	0.30	99	0.020	<1	1.30	0.003	0.04	0.1	0.04	1.3	0.1	<0.05	5	<0.5	<0.2
1149858	Soil	78	26	0.69	398	0.062	<1	1.31	0.007	0.26	0.4	0.02	5.4	0.2	<0.05	4	<0.5	<0.2
1149862	Soil	12	22	0.25	59	0.029	<1	0.98	0.003	0.04	0.2	0.04	1.5	0.1	<0.05	4	<0.5	<0.2
1149859	Soil	30	34	0.78	199	0.129	1	1.53	0.007	0.17	0.2	0.05	5.2	0.3	<0.05	6	<0.5	<0.2
1149860	Soil	23	23	0.41	202	0.029	1	1.30	0.009	0.06	0.2	0.03	3.9	0.1	<0.05	4	<0.5	<0.2
1149857	Soil	63	37	0.45	159	0.071	<1	1.12	0.006	0.27	0.2	0.03	5.0	0.3	<0.05	6	<0.5	0.3
1149861	Soil	16	95	1.36	407	0.162	1	2.06	0.005	0.47	<0.1	0.05	8.7	0.4	<0.05	7	1.1	<0.2
1149781	Soil	15	27	0.39	92	0.021	1	1.49	0.005	0.06	0.2	0.03	1.6	0.1	<0.05	4	1.2	<0.2
1149782	Soil	12	16	0.30	89	0.020	2	0.93	0.006	0.05	0.2	0.05	1.9	<0.1	0.08	2	0.8	<0.2
1149783	Soil	9	24	0.28	107	0.021	<1	1.61	0.005	0.03	0.1	0.07	0.9	0.1	0.09	6	1.3	<0.2
1149784	Soil	12	21	0.28	68	0.022	2	1.24	0.004	0.03	0.3	0.02	1.1	<0.1	0.06	4	1.0	<0.2
1149780	Soil	22	40	0.69	105	0.045	2	1.73	0.004	0.15	0.2	0.03	2.1	0.2	<0.05	6	0.6	<0.2
1149875	Soil	9	15	0.14	64	0.015	<1	0.85	0.003	0.02	0.2	0.04	0.5	0.1	<0.05	5	0.8	<0.2
1149737	Soil	17	19	0.21	70	0.009	1	0.83	0.003	0.03	0.1	0.03	0.6	<0.1	<0.05	3	1.1	<0.2
1149786	Soil	49	99	0.47	139	0.012	<1	1.09	0.003	0.07	0.1	0.04	4.4	0.2	<0.05	3	1.1	<0.2
1149738	Soil	55	16	0.24	118	0.003	2	1.30	0.002	0.06	<0.1	0.06	1.5	0.1	<0.05	3	1.0	<0.2
1149789	Soil	29	25	0.20	179	0.009	1	0.68	0.002	0.04	0.2	0.06	1.7	<0.1	<0.05	2	1.0	<0.2
1149787	Soil	37	45	0.24	158	0.006	<1	0.69	0.002	0.05	0.2	0.11	3.7	0.1	0.06	2	1.0	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1149739	Soil	1.1	44.7	9.0	76	<0.1	40.1	19.4	896	2.92	7.9	0.8	<0.5	13.0	6	0.3	1.2	0.3	17	0.03	0.036
1149788	Soil	1.2	53.2	23.3	56	0.1	63.0	16.7	1083	4.59	13.9	1.7	<0.5	9.1	23	<0.1	2.9	0.2	22	0.19	0.101
1149865	Soil	1.0	10.7	14.4	66	<0.1	15.3	8.0	1897	4.59	7.9	0.6	<0.5	1.7	67	0.3	1.0	0.2	33	1.02	0.068
1149785	Soil	1.0	17.3	15.3	53	<0.1	18.6	7.4	248	2.58	12.2	0.6	2.1	1.7	7	0.2	1.5	0.1	32	0.07	0.039
1149870	Soil	1.3	24.7	37.4	79	<0.1	28.4	13.3	642	3.80	14.6	0.7	<0.5	3.7	11	0.3	1.5	0.2	31	0.08	0.047
1149790	Soil	1.2	31.9	16.0	60	<0.1	29.1	9.4	535	3.33	9.2	1.0	2.1	3.0	15	<0.1	2.0	0.2	23	0.15	0.071
1149868	Soil	0.9	17.5	13.1	75	<0.1	22.9	12.6	546	3.36	14.3	1.0	27.3	0.8	24	0.2	0.5	0.2	41	0.19	0.068
1149863	Soil	0.9	24.2	64.2	149	0.1	39.7	13.3	1671	3.80	12.0	1.2	1.7	7.6	46	0.2	1.1	0.3	40	0.27	0.086
1149864	Soil	0.8	12.7	11.4	52	<0.1	16.4	9.5	296	2.61	11.6	0.6	0.6	4.6	8	0.2	0.8	0.1	35	0.09	0.039
1149866	Soil	0.8	13.4	12.3	61	<0.1	17.9	8.9	343	2.87	12.7	0.6	<0.5	0.8	8	0.2	0.7	0.2	39	0.06	0.046
1149869	Soil	1.0	14.6	14.7	55	<0.1	17.7	9.3	353	2.68	12.1	0.8	<0.5	1.0	8	<0.1	0.8	0.2	39	0.07	0.038
1149867	Soil	1.2	36.6	16.1	73	<0.1	39.8	15.2	878	4.50	14.3	0.8	4.2	3.1	17	0.1	1.7	0.3	54	0.15	0.064
1149874	Soil	0.8	16.6	10.6	61	<0.1	19.2	10.4	309	2.21	9.8	0.7	<0.5	2.4	8	0.1	0.7	0.1	30	0.10	0.046
1149871	Soil	2.2	27.5	17.5	62	<0.1	17.4	10.7	645	3.63	5.3	0.8	4.1	0.3	29	0.1	1.0	0.2	25	0.04	0.090
1149872	Soil	1.2	35.7	100.3	119	0.2	24.0	16.5	1126	3.37	16.6	1.3	6.1	2.7	21	0.7	3.9	0.3	24	0.05	0.048
1149873	Soil	0.7	32.9	25.2	88	<0.1	40.5	20.6	447	3.76	4.3	2.1	<0.5	13.3	7	<0.1	1.0	0.3	12	0.04	0.045
1147982	Soil	0.8	15.7	19.0	51	<0.1	18.5	8.4	196	2.72	10.3	0.7	<0.5	5.8	8	0.2	0.8	0.2	30	0.06	0.032
1147983	Soil	1.4	31.9	22.3	63	<0.1	53.0	15.0	350	3.71	36.2	1.5	<0.5	6.4	11	<0.1	0.9	0.3	31	0.06	0.046
1147984	Soil	0.8	25.0	15.8	47	<0.1	17.2	8.0	234	3.37	6.7	1.3	3.9	11.6	17	<0.1	1.7	0.3	29	0.07	0.028
1147985	Soil	1.1	31.3	29.3	67	<0.1	30.9	13.9	700	3.46	14.1	1.8	0.7	4.9	33	0.2	0.9	0.4	18	0.41	0.070
1147986	Soil	1.1	19.9	25.6	80	<0.1	21.8	11.6	494	3.13	12.4	1.0	<0.5	4.4	13	0.2	1.5	0.3	40	0.10	0.032
1147987	Soil	0.8	29.6	60.2	94	<0.1	25.4	16.1	659	3.29	5.9	2.2	<0.5	9.0	12	0.1	1.6	0.6	18	0.10	0.047
1147992	Soil	1.1	12.8	16.8	35	<0.1	11.3	4.2	114	2.75	9.9	0.8	<0.5	1.4	10	<0.1	0.5	0.2	36	0.04	0.039
1147990	Soil	2.1	36.4	32.1	66	0.1	29.5	16.5	309	4.25	5.4	1.9	<0.5	9.9	16	0.2	0.4	0.5	17	0.02	0.057
1147991	Soil	1.1	25.3	25.2	63	<0.1	13.6	6.9	202	3.05	9.0	1.8	1.7	6.1	22	<0.1	0.4	0.5	20	0.03	0.050
1147989	Soil	1.2	15.7	18.8	61	<0.1	17.6	13.6	896	2.26	7.7	0.6	0.9	1.1	6	0.2	1.1	0.2	38	0.05	0.043
1147988	Soil	0.7	19.7	26.5	61	<0.1	20.4	10.7	596	2.15	9.0	0.9	2.6	1.0	10	0.2	2.4	0.3	25	0.06	0.039
1151007	Soil	0.8	17.0	12.6	46	<0.1	13.2	8.2	260	2.11	7.0	0.8	2.6	1.8	8	<0.1	0.4	0.2	24	0.06	0.046
1151006	Soil	0.9	23.2	12.3	61	<0.1	20.8	14.2	412	2.35	9.6	1.7	2.4	3.1	9	0.1	0.6	0.2	36	0.09	0.058
1151008	Soil	0.6	20.4	9.6	51	<0.1	16.5	7.3	206	1.90	7.9	1.2	2.0	2.9	8	0.1	0.5	0.2	24	0.08	0.044

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Client: **Ryan Gold Corp.**
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Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS DAW11000185.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1149739	Soil	55	15	0.24	124	0.003	<1	1.29	0.002	0.07	<0.1	0.02	1.6	0.1	<0.05	3	1.0	<0.2
1149788	Soil	39	41	0.22	130	0.008	<1	0.62	0.002	0.05	0.1	0.13	4.0	0.1	<0.05	2	0.6	<0.2
1149865	Soil	11	16	0.42	235	0.014	2	0.93	0.005	0.04	0.3	0.05	2.1	<0.1	0.10	3	0.8	<0.2
1149785	Soil	13	19	0.32	95	0.023	<1	1.09	0.003	0.04	0.2	0.01	1.4	<0.1	<0.05	3	0.9	<0.2
1149870	Soil	22	22	0.35	99	0.015	1	1.31	0.003	0.07	0.1	0.04	1.8	0.2	0.06	3	0.9	<0.2
1149790	Soil	31	27	0.19	175	0.008	<1	0.67	0.002	0.04	0.2	0.07	1.8	0.1	<0.05	2	0.6	<0.2
1149868	Soil	18	27	0.42	138	0.010	<1	1.43	0.004	0.04	0.3	0.02	1.3	0.1	0.06	4	<0.5	<0.2
1149863	Soil	28	54	0.49	243	0.068	1	1.07	0.006	0.22	0.1	0.02	4.2	0.3	<0.05	3	0.6	<0.2
1149864	Soil	12	22	0.36	93	0.028	1	1.55	0.004	0.04	0.2	0.04	2.3	<0.1	0.05	4	1.4	<0.2
1149866	Soil	14	22	0.34	74	0.022	<1	1.37	0.003	0.04	0.2	0.04	1.1	<0.1	<0.05	4	0.9	<0.2
1149869	Soil	14	23	0.37	99	0.022	1	1.35	0.004	0.04	0.3	0.04	1.5	<0.1	<0.05	4	1.0	<0.2
1149867	Soil	20	62	0.46	139	0.034	<1	1.30	0.004	0.07	0.2	0.03	3.6	0.2	<0.05	5	0.9	<0.2
1149874	Soil	15	17	0.33	55	0.027	<1	1.04	0.004	0.04	0.2	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1149871	Soil	18	15	0.12	73	0.007	1	0.65	0.011	0.10	<0.1	0.04	0.5	0.1	0.14	3	0.5	<0.2
1149872	Soil	28	14	0.20	100	0.011	<1	0.94	0.004	0.08	<0.1	0.02	1.6	0.1	0.06	3	0.5	<0.2
1149873	Soil	52	13	0.56	67	0.005	<1	1.38	0.002	0.04	<0.1	0.01	0.9	<0.1	<0.05	4	<0.5	<0.2
1147982	Soil	20	16	0.28	59	0.018	1	1.02	0.003	0.04	0.1	0.02	1.2	<0.1	<0.05	3	0.6	<0.2
1147983	Soil	23	39	0.56	45	0.013	<1	1.27	0.003	0.03	<0.1	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
1147984	Soil	27	15	0.26	118	0.021	<1	1.18	0.004	0.09	0.1	0.03	1.7	0.2	0.07	4	<0.5	<0.2
1147985	Soil	37	27	0.32	104	0.011	1	1.03	0.006	0.16	<0.1	0.03	1.6	0.2	0.09	3	0.9	<0.2
1147986	Soil	21	27	0.29	94	0.023	<1	1.21	0.004	0.09	0.1	0.04	1.7	0.2	0.05	5	0.5	<0.2
1147987	Soil	47	11	0.26	69	0.005	<1	1.10	0.004	0.12	<0.1	0.03	1.2	0.2	<0.05	3	<0.5	<0.2
1147992	Soil	22	16	0.25	46	0.017	<1	0.94	0.004	0.02	<0.1	0.04	0.8	0.1	0.07	5	<0.5	<0.2
1147990	Soil	35	18	0.50	43	0.004	<1	1.47	0.004	0.04	<0.1	0.04	1.1	<0.1	0.06	4	0.7	<0.2
1147991	Soil	35	18	0.51	58	0.007	1	1.32	0.006	0.03	<0.1	0.02	0.7	<0.1	<0.05	4	<0.5	<0.2
1147989	Soil	9	19	0.23	91	0.015	<1	1.02	0.003	0.04	0.2	0.03	1.0	0.1	<0.05	4	<0.5	<0.2
1147988	Soil	18	15	0.22	77	0.010	<1	0.89	0.003	0.04	0.2	0.03	0.7	0.1	<0.05	3	<0.5	<0.2
1151007	Soil	18	17	0.34	67	0.012	<1	1.04	0.003	0.02	0.1	0.02	0.8	<0.1	<0.05	3	<0.5	<0.2
1151006	Soil	18	22	0.40	109	0.024	<1	1.52	0.004	0.03	0.2	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1151008	Soil	17	18	0.35	74	0.016	<1	1.08	0.003	0.03	0.2	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151009	Soil	0.7	22.3	8.9	56	<0.1	19.0	8.3	280	2.01	9.6	1.2	4.0	2.7	9	0.2	0.6	0.2	33	0.10	0.056
1151010	Soil	0.6	14.9	8.0	47	<0.1	14.1	5.7	190	1.84	9.2	0.7	1.9	1.6	7	<0.1	0.5	0.1	29	0.08	0.048
1151011	Soil	0.9	26.4	15.0	72	<0.1	26.5	15.1	411	2.38	7.4	1.2	1.9	6.6	17	0.2	0.7	0.2	23	0.08	0.052
1151012	Soil	0.8	25.8	14.4	68	<0.1	25.3	14.2	427	2.39	7.9	1.1	3.0	5.6	16	0.2	0.7	0.2	24	0.09	0.051
1151013	Soil	0.6	14.6	10.1	48	<0.1	14.2	5.9	208	1.93	8.8	0.9	2.9	1.0	8	0.1	0.6	0.2	30	0.09	0.048
1151014	Soil	0.6	22.1	8.5	53	<0.1	18.0	7.3	267	1.86	9.2	0.8	1.8	1.8	9	0.1	0.6	0.1	29	0.10	0.051
1151015	Soil	0.6	33.9	18.6	71	0.1	21.9	7.7	251	2.77	6.7	1.4	1.3	8.3	11	0.2	0.6	0.3	21	0.08	0.050
1147993	Soil	1.1	48.2	35.1	55	<0.1	12.4	5.5	101	3.53	7.1	2.2	<0.5	17.0	19	<0.1	1.2	0.6	12	0.01	0.049
1147994	Soil	0.8	29.1	20.3	63	<0.1	33.4	16.2	332	2.82	8.8	1.4	1.8	5.4	12	<0.1	0.6	0.4	22	0.06	0.050
1147995	Soil	1.2	15.3	12.7	28	<0.1	12.2	4.8	114	1.59	6.7	1.5	2.3	0.3	15	<0.1	0.5	0.2	35	0.11	0.074
1147996	Soil	1.1	26.7	14.0	53	<0.1	30.2	11.6	208	3.14	19.8	1.0	<0.5	1.6	15	<0.1	0.6	0.2	39	0.07	0.057
1147998	Soil	1.3	26.7	25.5	42	<0.1	16.5	4.8	105	3.03	5.9	1.4	3.5	15.7	22	<0.1	0.4	0.4	22	0.02	0.037
1147997	Soil	1.3	64.1	28.9	109	<0.1	114.1	54.4	1082	4.82	37.1	1.3	1.4	7.9	20	0.4	1.1	0.3	52	0.29	0.126
1147999	Soil	1.0	11.6	13.4	35	<0.1	12.3	5.1	164	2.14	9.3	0.5	1.5	0.5	7	<0.1	0.6	0.2	43	0.07	0.039
1151005	Soil	0.9	13.5	13.5	41	<0.1	14.3	6.2	157	2.13	7.8	1.0	1.3	2.3	9	<0.1	0.4	0.2	32	0.05	0.035
1151004	Soil	0.7	12.7	11.8	38	<0.1	12.5	5.7	133	1.94	8.3	0.9	1.2	0.7	9	<0.1	0.5	0.2	35	0.06	0.034
1151003	Soil	0.8	15.8	14.7	51	<0.1	19.0	8.8	204	2.12	9.1	0.8	1.6	1.7	9	0.1	0.6	0.2	31	0.07	0.039
1151002	Soil	0.8	11.3	12.8	49	<0.1	18.2	10.1	340	2.23	9.2	0.6	2.4	0.9	9	0.2	0.6	0.2	31	0.09	0.052
1151001	Soil	0.7	15.3	10.5	46	<0.1	17.0	6.7	206	2.02	10.1	0.7	1.4	1.3	8	0.1	0.6	0.1	33	0.09	0.042
1148000	Soil	1.5	13.1	13.7	49	<0.1	19.8	10.4	313	2.83	11.6	0.7	2.1	4.6	10	0.2	0.7	0.2	49	0.07	0.034
1079854	Soil	0.9	22.3	7.8	56	0.1	21.5	8.0	235	2.27	7.1	0.9	10.2	3.7	14	0.2	0.8	0.2	40	0.19	0.062
1079852	Soil	0.8	26.2	7.1	66	<0.1	39.2	11.2	290	2.56	6.8	0.8	1.7	4.8	15	0.1	0.8	0.1	51	0.19	0.056
1079862	Soil	1.1	24.0	14.1	66	0.2	22.5	8.6	331	3.03	21.0	0.7	7.9	4.3	14	0.2	1.0	0.6	47	0.11	0.050
1079858	Soil	0.8	26.5	9.9	64	0.2	32.6	12.8	393	2.56	12.0	0.9	7.8	4.0	14	0.2	0.8	0.3	47	0.15	0.042
1079859	Soil	1.1	35.0	15.5	74	0.4	26.6	12.7	452	3.09	14.1	1.0	18.3	3.8	22	0.3	1.4	0.4	44	0.19	0.057
1079860	Soil	0.9	25.7	11.1	61	<0.1	27.7	13.0	374	2.54	13.0	0.8	5.9	4.6	14	0.2	1.3	0.3	40	0.16	0.058
1079851	Soil	0.7	18.4	8.4	49	<0.1	17.0	6.3	295	1.87	6.5	0.9	2.1	3.6	12	0.2	0.9	0.2	33	0.13	0.044
1079855	Soil	0.9	27.5	9.8	65	<0.1	25.8	11.4	332	2.53	8.4	0.8	1.9	3.9	13	0.2	0.7	0.2	43	0.12	0.038
1079853	Soil	0.8	18.6	8.4	50	<0.1	22.4	9.7	306	2.29	8.9	0.6	1.2	3.8	11	0.2	0.7	0.2	37	0.11	0.042
1079857	Soil	0.8	27.1	11.2	64	0.1	39.7	11.5	275	2.52	7.0	0.7	3.6	4.1	15	0.2	0.6	0.3	49	0.13	0.047

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151009	Soil	15	20	0.35	97	0.024	<1	1.16	0.004	0.03	0.3	0.05	1.8	<0.1	<0.05	3	<0.5	<0.2
1151010	Soil	12	17	0.29	67	0.020	<1	0.91	0.003	0.03	0.2	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1151011	Soil	25	21	0.43	78	0.018	<1	1.13	0.003	0.04	0.1	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1151012	Soil	25	21	0.40	73	0.020	<1	1.11	0.003	0.04	0.1	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1151013	Soil	15	20	0.31	93	0.017	<1	1.06	0.004	0.03	0.2	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1151014	Soil	13	18	0.31	107	0.021	<1	0.97	0.003	0.03	0.2	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1151015	Soil	32	19	0.52	122	0.015	<1	1.24	0.004	0.04	<0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
1147993	Soil	48	15	0.47	26	0.005	<1	1.08	0.008	0.04	<0.1	0.01	0.6	<0.1	<0.05	3	<0.5	<0.2
1147994	Soil	30	16	0.51	32	0.012	<1	1.14	0.004	0.02	0.1	0.01	0.8	<0.1	<0.05	4	<0.5	<0.2
1147995	Soil	15	15	0.13	75	0.012	<1	0.80	0.003	0.02	0.2	0.03	0.4	<0.1	<0.05	4	<0.5	<0.2
1147996	Soil	28	27	0.69	44	0.011	<1	1.40	0.005	0.02	<0.1	0.02	0.9	<0.1	<0.05	5	<0.5	<0.2
1147998	Soil	55	15	0.32	45	0.005	<1	1.15	0.005	0.03	<0.1	0.02	0.8	<0.1	<0.05	4	<0.5	<0.2
1147997	Soil	29	54	1.15	93	0.017	<1	2.21	0.004	0.03	<0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1147999	Soil	11	18	0.21	81	0.016	<1	1.39	0.003	0.02	0.2	0.03	0.9	0.1	<0.05	5	<0.5	<0.2
1151005	Soil	23	19	0.31	92	0.013	<1	1.14	0.003	0.03	0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1151004	Soil	16	20	0.28	87	0.017	<1	1.16	0.004	0.03	0.1	0.03	1.0	<0.1	<0.05	4	<0.5	<0.2
1151003	Soil	18	19	0.33	61	0.018	<1	1.05	0.003	0.03	0.2	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
1151002	Soil	14	19	0.31	63	0.018	<1	1.12	0.004	0.03	0.1	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2
1151001	Soil	12	18	0.31	67	0.021	<1	1.05	0.004	0.03	0.2	0.05	1.2	<0.1	<0.05	3	<0.5	<0.2
1148000	Soil	15	26	0.37	74	0.027	<1	1.48	0.004	0.04	0.2	0.02	1.8	<0.1	<0.05	5	<0.5	<0.2
1079854	Soil	16	26	0.46	104	0.057	<1	1.20	0.006	0.11	0.8	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1079852	Soil	16	52	0.72	137	0.112	<1	1.76	0.007	0.21	1.2	0.02	3.5	0.3	<0.05	5	<0.5	<0.2
1079862	Soil	17	27	0.40	144	0.060	1	1.38	0.006	0.19	0.9	0.07	1.9	0.2	<0.05	5	<0.5	<0.2
1079858	Soil	16	39	0.51	174	0.067	<1	1.41	0.006	0.15	1.0	0.05	2.6	0.3	<0.05	5	<0.5	<0.2
1079859	Soil	16	30	0.47	198	0.057	<1	1.35	0.007	0.23	1.0	0.04	2.3	0.3	<0.05	5	<0.5	<0.2
1079860	Soil	17	25	0.43	134	0.054	<1	1.21	0.006	0.13	1.0	0.02	2.2	0.2	<0.05	4	<0.5	<0.2
1079851	Soil	15	21	0.35	143	0.036	<1	1.09	0.005	0.08	0.8	0.02	2.3	0.1	<0.05	3	<0.5	<0.2
1079855	Soil	15	26	0.45	154	0.059	<1	1.46	0.006	0.13	0.5	0.03	2.6	0.2	<0.05	4	<0.5	<0.2
1079853	Soil	14	27	0.40	138	0.049	<1	1.43	0.005	0.08	0.7	0.02	2.0	0.2	<0.05	4	<0.5	<0.2
1079857	Soil	14	55	0.73	148	0.105	<1	1.71	0.008	0.31	0.6	0.03	3.0	0.4	<0.05	5	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1079856	Soil	1.1	29.4	12.8	64	0.2	29.7	13.5	377	2.62	8.5	0.9	18.1	4.2	11	0.4	0.8	0.3	47	0.11	0.044
1079861	Soil	1.1	19.5	11.4	51	<0.1	20.8	9.6	275	2.58	13.0	0.6	5.2	4.2	10	0.3	0.8	0.3	42	0.11	0.028
1079868	Soil	0.9	25.8	19.8	59	0.2	21.7	6.9	160	2.47	11.7	1.2	8.9	5.2	15	0.2	1.3	0.5	32	0.11	0.042
1079864	Soil	0.9	25.6	12.6	67	0.2	23.3	10.1	294	2.50	17.1	0.9	3.5	3.7	13	0.2	0.8	0.4	41	0.14	0.048
1079866	Soil	1.1	27.6	13.7	64	0.2	25.4	9.0	246	2.87	16.3	1.2	2.8	4.5	16	0.2	1.0	0.5	41	0.16	0.058
1079863	Soil	0.9	24.6	11.8	63	<0.1	25.3	11.2	334	2.62	20.0	0.8	6.3	4.8	13	0.2	0.8	0.4	41	0.15	0.053
1079865	Soil	0.9	26.3	11.7	62	0.2	23.3	9.8	267	2.48	17.7	1.4	3.5	2.9	14	0.2	0.8	0.5	41	0.14	0.049
1079867	Soil	0.9	28.2	15.6	69	0.2	25.6	10.3	297	2.61	13.9	1.2	2.2	4.2	16	0.2	1.0	0.4	37	0.15	0.054
1079869	Soil	0.9	22.7	15.0	60	0.1	21.3	7.5	230	2.34	13.0	1.0	3.2	3.3	14	0.2	1.0	0.5	33	0.12	0.046
1079874	Soil	0.9	22.6	12.7	63	<0.1	21.5	8.3	254	2.41	10.7	0.9	1.5	4.6	11	0.2	0.9	0.3	36	0.10	0.040
1079870	Soil	0.9	26.0	21.8	64	0.1	21.6	7.1	243	2.44	10.9	1.0	2.3	1.9	16	0.2	1.3	0.4	35	0.12	0.044
1079873	Soil	1.1	20.2	13.4	73	<0.1	22.4	12.0	492	2.55	12.4	0.8	4.8	4.1	13	0.3	1.0	0.4	37	0.14	0.059
1079872	Soil	0.8	27.4	14.6	69	<0.1	25.2	9.9	307	2.34	9.8	1.0	2.4	6.4	15	0.3	1.4	0.3	30	0.12	0.041
1079871	Soil	0.8	26.4	14.5	66	<0.1	24.6	10.2	311	2.38	9.5	1.0	1.8	6.4	15	0.3	1.3	0.3	29	0.12	0.039
1079878	Soil	0.8	22.3	11.5	58	<0.1	22.9	9.5	304	2.31	8.5	0.9	3.6	5.2	11	0.2	1.2	0.2	32	0.12	0.041
1079877	Soil	0.8	20.3	11.5	57	<0.1	20.2	8.2	224	2.22	8.3	0.9	3.2	3.6	10	0.2	0.9	0.2	32	0.09	0.038
1079879	Soil	0.8	23.9	10.2	60	<0.1	22.6	7.8	271	2.28	8.5	0.8	1.8	4.2	14	0.2	0.9	0.2	33	0.16	0.047
1079875	Soil	0.9	21.2	11.7	63	<0.1	20.3	8.0	254	2.32	9.7	0.8	3.0	3.9	11	0.2	1.0	0.3	33	0.11	0.040
1079876	Soil	0.9	18.4	13.7	56	<0.1	18.1	6.6	213	2.20	9.6	0.7	1.1	2.4	11	0.1	1.0	0.3	32	0.09	0.037
1144741	Soil	0.5	45.4	30.6	89	0.2	28.4	13.0	535	2.92	10.6	0.8	1.0	9.5	13	0.3	3.0	0.3	17	0.09	0.039
1144740	Soil	0.4	41.8	32.2	109	<0.1	42.1	21.5	494	4.57	16.9	0.9	1.2	18.4	8	<0.1	4.1	0.6	11	0.04	0.037
1144745	Soil	0.9	16.7	22.0	55	<0.1	21.8	10.8	315	2.47	13.3	0.9	2.9	5.5	10	0.2	1.1	0.2	34	0.08	0.036
1144744	Soil	1.2	33.8	20.4	73	<0.1	30.2	12.6	397	2.61	12.6	1.1	1.4	6.5	12	0.3	2.4	0.2	30	0.10	0.037
1144742	Soil	1.0	28.4	23.7	77	<0.1	27.1	10.9	319	2.57	13.0	0.8	1.9	4.8	13	0.3	1.4	0.2	33	0.13	0.049
1144746	Soil	1.1	19.6	60.5	83	0.1	19.7	16.5	1321	3.16	18.7	0.8	3.4	3.0	13	0.3	2.6	0.3	29	0.07	0.066
1144743	Soil	0.9	15.8	18.5	50	<0.1	18.3	7.7	353	2.35	10.3	0.8	2.4	3.7	10	0.1	1.1	0.2	30	0.08	0.033
1144735	Soil	0.9	24.3	21.6	73	<0.1	20.6	9.5	392	2.49	9.6	1.1	1.4	5.1	13	0.2	1.5	0.3	26	0.11	0.035
1151850	Soil	0.9	20.3	50.6	90	0.4	24.6	12.4	460	3.05	23.5	1.6	10.0	2.6	29	0.3	7.2	0.2	32	0.30	0.058
1151848	Soil	0.8	14.6	27.1	60	<0.1	17.4	7.9	303	2.60	11.8	0.6	34.8	3.3	10	0.2	3.8	0.2	33	0.12	0.056
1151847	Soil	0.9	15.7	38.5	64	<0.1	14.8	8.8	499	2.27	11.9	0.8	3.4	1.9	8	0.3	10.3	0.2	30	0.07	0.045

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS DAW11000185.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1079856	Soil	16	34	0.47	183	0.062	2	1.56	0.007	0.14	0.8	0.08	2.7	0.2	0.06	4	<0.5	<0.2
1079861	Soil	14	26	0.40	171	0.046	1	1.37	0.005	0.11	0.5	0.05	2.1	0.2	<0.05	4	<0.5	<0.2
1079868	Soil	23	24	0.48	126	0.026	<1	1.33	0.005	0.13	0.2	0.03	1.7	0.2	<0.05	4	<0.5	<0.2
1079864	Soil	17	25	0.42	205	0.041	1	1.25	0.006	0.14	0.4	0.03	2.1	0.2	<0.05	4	<0.5	<0.2
1079866	Soil	19	26	0.47	165	0.040	1	1.31	0.006	0.15	0.4	0.03	2.2	0.2	<0.05	4	<0.5	<0.2
1079863	Soil	16	27	0.46	157	0.048	1	1.37	0.006	0.16	0.6	0.03	2.2	0.2	<0.05	4	<0.5	<0.2
1079865	Soil	17	26	0.44	208	0.035	<1	1.28	0.006	0.13	0.4	0.03	2.2	0.2	<0.05	4	<0.5	<0.2
1079867	Soil	20	25	0.49	178	0.036	<1	1.38	0.006	0.14	0.2	0.03	2.1	0.2	<0.05	4	<0.5	<0.2
1079869	Soil	19	22	0.42	151	0.031	<1	1.22	0.005	0.11	0.2	0.03	1.7	0.2	<0.05	4	<0.5	<0.2
1079874	Soil	18	24	0.43	155	0.036	<1	1.26	0.005	0.10	0.2	0.02	2.1	0.2	<0.05	4	<0.5	<0.2
1079870	Soil	19	23	0.43	185	0.023	<1	1.13	0.005	0.10	0.2	0.03	1.6	0.2	<0.05	4	<0.5	<0.2
1079873	Soil	15	24	0.42	110	0.039	<1	1.13	0.005	0.11	0.3	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
1079872	Soil	21	21	0.47	176	0.042	<1	1.15	0.005	0.13	0.2	0.01	2.2	0.2	<0.05	3	<0.5	<0.2
1079871	Soil	21	20	0.47	174	0.039	<1	1.13	0.005	0.13	0.2	0.01	2.0	0.2	<0.05	3	<0.5	<0.2
1079878	Soil	21	22	0.44	193	0.032	<1	1.14	0.005	0.07	0.2	0.03	2.3	0.1	<0.05	3	<0.5	<0.2
1079877	Soil	20	23	0.42	173	0.028	<1	1.21	0.005	0.06	0.2	0.02	1.9	0.1	<0.05	3	<0.5	<0.2
1079879	Soil	19	22	0.42	269	0.034	<1	1.15	0.006	0.07	0.2	0.04	2.3	0.1	<0.05	3	<0.5	<0.2
1079875	Soil	19	21	0.40	160	0.033	<1	1.13	0.005	0.10	0.2	0.01	1.8	0.1	<0.05	4	<0.5	<0.2
1079876	Soil	17	21	0.38	148	0.027	<1	1.16	0.005	0.08	0.2	0.03	1.4	0.1	<0.05	4	<0.5	<0.2
1144741	Soil	30	16	0.42	169	0.011	<1	1.07	0.004	0.06	<0.1	<0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
1144740	Soil	66	11	0.07	115	0.002	<1	0.31	0.004	0.04	0.1	<0.01	2.8	<0.1	<0.05	1	<0.5	<0.2
1144745	Soil	15	22	0.31	108	0.020	<1	1.52	0.005	0.03	0.2	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
1144744	Soil	18	20	0.38	152	0.022	<1	1.22	0.005	0.04	0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1144742	Soil	17	22	0.41	193	0.024	<1	1.32	0.006	0.05	0.2	0.02	2.7	<0.1	<0.05	3	<0.5	<0.2
1144746	Soil	20	18	0.27	77	0.010	<1	1.16	0.005	0.05	0.3	0.01	1.0	<0.1	<0.05	4	<0.5	<0.2
1144743	Soil	17	17	0.26	143	0.014	<1	1.03	0.004	0.03	0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1144735	Soil	27	18	0.33	205	0.014	<1	1.07	0.005	0.05	<0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1151850	Soil	21	23	0.31	181	0.010	<1	1.47	0.006	0.06	0.2	0.07	2.1	0.2	<0.05	3	<0.5	<0.2
1151848	Soil	16	18	0.25	65	0.021	<1	0.97	0.004	0.04	0.4	0.04	1.3	0.2	<0.05	3	<0.5	<0.2
1151847	Soil	19	16	0.23	77	0.015	<1	0.91	0.004	0.05	0.2	0.02	1.1	0.2	<0.05	3	<0.5	<0.2

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Project: MHR
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS DAW11000185.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151849	Soil	1.0	19.2	31.4	70	0.2	19.0	8.1	328	2.53	12.2	1.1	9.3	2.1	13	0.3	4.3	0.2	35	0.14	0.064
1144736	Soil	0.8	27.3	35.3	99	<0.1	24.4	12.2	847	2.77	10.9	1.5	7.3	9.5	13	0.1	2.5	0.3	24	0.10	0.038
1144733	Soil	0.8	17.9	41.1	73	0.6	20.9	9.4	367	2.56	24.0	2.3	3.3	2.1	32	0.2	7.6	0.2	27	0.33	0.065
1144737	Soil	0.6	38.2	27.3	113	<0.1	27.1	12.8	1192	3.27	13.5	1.4	12.0	13.1	16	0.1	3.3	0.7	14	0.10	0.050
1144738	Soil	0.6	36.4	26.4	107	<0.1	25.8	12.5	1208	3.21	12.9	1.3	1.4	13.0	15	0.1	3.2	0.6	13	0.09	0.049
1144734	Soil	0.7	17.6	20.7	63	0.3	16.4	8.2	298	2.21	12.2	1.9	3.2	2.6	26	0.3	3.9	0.2	30	0.29	0.071
1144739	Soil	0.9	22.6	15.1	60	<0.1	21.5	11.4	487	2.50	11.1	0.8	2.8	4.6	10	0.2	0.8	0.3	34	0.10	0.053
1151837	Soil	0.9	20.7	25.7	79	<0.1	20.3	12.9	516	2.57	15.0	0.7	2.7	3.5	8	0.3	5.4	0.2	33	0.07	0.040
1151838	Soil	0.8	19.5	39.8	88	0.2	16.8	7.4	227	2.08	15.6	0.8	9.9	3.5	7	0.3	6.4	0.2	26	0.06	0.032
1151839	Soil	0.8	22.1	25.1	77	<0.1	19.0	8.8	310	2.21	11.5	0.9	3.4	6.5	8	0.4	4.8	0.2	27	0.07	0.038
1151840	Soil	0.7	18.8	20.1	64	<0.1	17.4	7.7	206	1.91	7.7	0.8	2.2	4.9	8	0.3	4.2	0.2	26	0.08	0.030
1151834	Soil	0.7	37.6	142.8	156	0.5	30.7	13.4	526	2.95	21.0	1.1	3.2	9.4	16	1.1	18.9	0.3	23	0.15	0.046
1151836	Soil	0.9	25.3	29.7	69	0.1	21.0	9.7	362	2.43	12.6	1.2	4.3	3.5	13	0.2	3.2	0.2	36	0.14	0.054
1151835	Soil	1.1	29.2	30.1	71	0.2	24.9	11.1	464	2.31	11.7	1.4	3.0	5.3	16	0.4	4.6	0.2	33	0.15	0.054
1151841	Soil	0.7	15.8	18.9	55	<0.1	15.5	6.5	207	1.86	8.5	0.8	2.1	2.8	8	0.2	3.0	0.2	29	0.09	0.036
1151843	Soil	0.8	15.7	23.6	47	<0.1	13.8	5.9	208	1.98	8.6	0.8	2.3	2.8	8	0.1	3.3	0.2	30	0.07	0.033
1151842	Soil	0.7	15.8	25.1	50	<0.1	14.6	6.4	214	1.82	7.8	0.8	2.5	2.8	9	0.2	2.6	0.1	29	0.09	0.031
1151845	Soil	0.7	17.2	15.7	49	<0.1	16.1	7.2	230	1.86	9.3	0.8	2.6	2.2	10	0.2	1.8	0.2	32	0.10	0.042
1151844	Soil	0.7	14.2	17.3	47	<0.1	13.6	6.1	202	1.93	9.0	0.7	2.0	1.9	7	0.1	2.5	0.1	32	0.07	0.033
1036576	Soil	3.6	65.2	89.1	141	0.4	44.1	13.9	377	5.03	34.4	1.4	20.9	6.2	33	0.5	42.4	0.6	12	0.37	0.058
1036578	Soil	1.3	39.3	21.5	77	0.1	48.6	15.5	246	3.80	14.4	1.6	1.5	14.6	15	<0.1	14.1	0.3	22	0.04	0.028
1198974	Soil	1.1	34.8	39.0	96	0.1	33.7	14.2	518	3.29	13.0	0.9	1.7	8.3	16	0.5	8.9	0.3	26	0.14	0.048
1198972	Soil	1.9	34.8	54.6	85	0.4	30.5	9.0	220	3.51	34.5	1.3	6.0	4.2	58	0.3	63.6	0.3	9	0.33	0.050
1036575	Soil	4.0	55.5	98.5	161	0.3	47.0	13.7	629	4.46	35.7	2.1	4.6	5.6	47	1.1	37.3	0.5	15	0.52	0.063
1198973	Soil	1.0	33.8	48.2	84	0.2	36.2	10.7	448	3.06	12.9	1.3	4.4	4.5	25	0.2	12.8	0.3	26	0.26	0.042
1036577	Soil	0.9	40.8	58.9	117	0.2	44.1	13.9	393	3.17	16.0	1.1	19.0	7.0	27	0.7	25.0	0.2	22	0.36	0.060
1036579	Soil	1.2	52.8	25.8	99	0.1	63.4	21.8	333	4.47	11.5	3.7	3.0	20.8	18	<0.1	4.7	0.4	18	0.12	0.040
1036583	Soil	1.4	45.6	45.3	111	0.4	42.0	12.5	252	3.06	20.0	1.8	5.6	9.8	44	0.6	27.1	0.3	10	0.35	0.046
1036582	Soil	1.3	42.3	31.0	108	0.2	41.9	15.1	374	3.46	18.0	1.9	3.2	9.7	33	0.3	20.5	0.3	12	0.31	0.044
1036580	Soil	0.9	37.9	27.9	96	0.2	38.8	13.4	326	3.21	12.0	1.9	3.3	11.0	29	0.3	15.1	0.3	13	0.30	0.051

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151849	Soil	19	22	0.34	144	0.019	<1	1.22	0.005	0.05	0.2	0.11	1.8	0.4	<0.05	4	<0.5	<0.2
1144736	Soil	31	17	0.29	178	0.014	<1	0.95	0.005	0.05	0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1144733	Soil	18	20	0.31	155	0.011	<1	1.20	0.007	0.06	0.3	0.08	2.1	0.1	<0.05	3	0.6	<0.2
1144737	Soil	44	10	0.26	187	0.008	<1	0.79	0.004	0.06	<0.1	0.02	1.8	<0.1	<0.05	2	<0.5	<0.2
1144738	Soil	43	11	0.24	177	0.007	<1	0.71	0.003	0.06	<0.1	0.01	1.6	<0.1	<0.05	2	<0.5	<0.2
1144734	Soil	16	18	0.33	244	0.012	<1	1.11	0.006	0.04	0.2	0.10	2.3	0.1	<0.05	3	<0.5	<0.2
1144739	Soil	16	22	0.36	119	0.021	1	1.38	0.004	0.04	0.2	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
1151837	Soil	18	20	0.34	83	0.020	1	1.09	0.004	0.06	0.2	0.02	1.4	0.1	<0.05	4	<0.5	<0.2
1151838	Soil	22	15	0.25	94	0.014	<1	0.82	0.003	0.05	0.1	0.03	1.4	0.1	<0.05	3	<0.5	<0.2
1151839	Soil	21	17	0.28	98	0.014	1	1.08	0.004	0.06	0.1	0.03	1.8	0.1	<0.05	3	<0.5	<0.2
1151840	Soil	22	17	0.28	102	0.019	<1	0.79	0.003	0.04	0.1	0.03	1.5	0.1	<0.05	3	<0.5	<0.2
1151834	Soil	25	17	0.42	280	0.017	<1	1.03	0.004	0.07	<0.1	0.02	1.9	0.1	<0.05	3	<0.5	<0.2
1151836	Soil	19	21	0.41	187	0.025	1	1.26	0.005	0.06	0.2	0.04	2.9	0.1	<0.05	3	<0.5	<0.2
1151835	Soil	22	22	0.38	317	0.030	<1	1.07	0.004	0.06	0.1	0.04	2.5	0.1	<0.05	3	<0.5	<0.2
1151841	Soil	20	17	0.29	94	0.020	1	0.88	0.004	0.05	0.1	0.04	1.5	0.1	<0.05	3	<0.5	<0.2
1151843	Soil	19	18	0.24	90	0.015	<1	0.93	0.003	0.04	0.1	0.03	1.4	0.1	<0.05	3	<0.5	<0.2
1151842	Soil	20	17	0.26	108	0.017	<1	0.88	0.004	0.04	0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1151845	Soil	17	19	0.28	137	0.020	<1	1.01	0.004	0.04	0.1	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1151844	Soil	15	18	0.25	91	0.017	<1	0.98	0.003	0.04	0.2	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1036576	Soil	22	18	0.36	47	0.004	2	0.60	0.036	0.07	<0.1	0.07	2.0	0.1	0.21	2	1.9	<0.2
1036578	Soil	58	36	0.43	43	0.002	<1	0.94	0.004	0.05	<0.1	0.01	2.3	<0.1	<0.05	3	<0.5	<0.2
1198974	Soil	33	24	0.65	93	0.021	<1	1.36	0.005	0.12	<0.1	0.01	1.5	0.1	<0.05	4	<0.5	<0.2
1198972	Soil	18	11	0.19	50	0.002	2	0.36	0.004	0.07	<0.1	0.08	1.3	0.2	<0.05	<1	<0.5	<0.2
1036575	Soil	21	17	0.38	61	0.007	2	0.70	0.006	0.08	<0.1	0.07	1.9	0.2	0.08	2	0.9	<0.2
1198973	Soil	29	26	0.56	97	0.016	<1	1.11	0.005	0.09	<0.1	0.03	1.9	0.1	<0.05	3	<0.5	<0.2
1036577	Soil	30	23	0.48	75	0.013	1	0.94	0.005	0.10	<0.1	0.04	2.2	0.1	<0.05	3	<0.5	<0.2
1036579	Soil	63	29	0.69	30	0.001	<1	1.32	0.006	0.04	<0.1	0.03	2.8	<0.1	<0.05	3	<0.5	<0.2
1036583	Soil	41	10	0.29	53	0.001	2	0.51	0.004	0.08	<0.1	0.06	2.2	0.1	<0.05	1	0.6	<0.2
1036582	Soil	39	12	0.25	53	0.002	2	0.46	0.004	0.07	<0.1	0.05	2.0	0.1	<0.05	1	<0.5	<0.2
1036580	Soil	53	15	0.27	58	0.002	2	0.57	0.004	0.09	<0.1	0.07	2.1	0.1	<0.05	2	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Project: MHR
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS DAW11000185.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1036581	Soil	1.2	32.2	24.4	63	0.5	33.4	11.5	222	2.88	6.9	1.8	1.0	8.4	13	0.3	3.6	0.3	10	0.11	0.027
1036596	Soil	1.1	25.7	20.0	64	0.3	25.5	10.5	538	2.60	16.8	1.3	2.7	4.2	20	0.1	12.0	0.2	32	0.21	0.051
1036586	Soil	1.7	55.9	84.7	111	0.2	59.9	18.4	493	4.49	16.9	1.3	9.4	5.2	38	1.0	93.4	0.4	16	0.56	0.071
1036585	Soil	1.1	61.4	117.1	242	0.6	69.1	34.4	774	4.28	53.8	3.0	6.3	16.8	31	2.8	54.7	0.4	18	0.42	0.082
1036587	Soil	1.1	59.6	35.0	117	0.5	55.5	17.8	541	4.11	19.8	1.1	13.0	4.4	52	0.4	28.0	0.3	13	0.73	0.072
1036589	Soil	2.1	51.2	44.3	108	0.3	43.8	22.3	1692	3.16	13.6	1.1	1.0	2.8	78	1.9	15.5	0.3	15	1.51	0.078
1036588	Soil	2.1	48.1	43.5	102	0.2	52.2	24.6	484	4.26	32.8	2.2	1.8	14.0	28	0.4	35.4	0.5	23	0.28	0.048
1036590	Soil	3.7	54.0	51.5	116	0.4	63.0	25.7	1127	4.29	22.0	2.0	5.3	11.9	32	0.8	24.9	0.5	12	0.48	0.054
1036584	Soil	2.4	43.3	40.6	135	0.6	43.5	15.0	361	3.93	19.6	1.8	2.3	6.8	22	0.9	21.5	0.4	16	0.14	0.054
1036593	Soil	1.5	77.1	31.9	143	0.4	85.2	32.7	1145	5.44	27.9	1.3	198.0	2.9	42	0.7	21.9	0.3	20	0.48	0.071
1036594	Soil	1.1	52.2	31.8	96	0.2	54.2	18.0	717	4.14	20.6	1.1	3.2	7.0	28	0.3	12.5	0.2	25	0.29	0.064
1036591	Soil	1.0	42.6	36.7	97	0.3	47.2	16.8	527	4.01	40.4	0.8	2.6	4.8	27	0.4	116.3	0.2	27	0.32	0.060
1036592	Soil	1.7	59.5	132.6	170	0.5	86.1	34.2	912	5.69	43.3	1.1	14.5	3.4	42	0.7	79.9	0.5	23	0.45	0.054
1036595	Soil	1.2	58.1	47.3	135	0.6	71.7	29.2	904	5.38	31.8	2.0	7.4	8.2	62	0.7	39.2	0.5	21	0.80	0.074
1110780	Soil	0.8	19.1	33.8	61	0.2	20.2	6.6	201	2.07	21.9	0.8	6.9	2.3	12	0.5	11.3	0.2	35	0.15	0.058
1110754	Soil	0.7	31.6	14.6	60	0.1	24.5	8.4	203	2.56	12.2	1.3	6.4	2.2	12	0.2	1.3	0.2	41	0.12	0.058
1110752	Soil	0.9	23.5	23.4	67	0.2	19.7	9.5	349	2.60	15.0	1.3	8.3	2.6	12	0.2	3.5	0.2	36	0.12	0.066
1110751	Soil	1.0	21.4	12.1	53	<0.1	19.8	7.5	210	2.48	10.5	1.0	4.6	0.7	13	0.3	1.3	0.2	39	0.12	0.066
1110753	Soil	1.2	15.9	13.8	45	<0.1	18.9	6.1	149	2.30	10.5	0.8	4.5	0.7	9	0.1	1.1	0.2	42	0.10	0.055
1110756	Soil	0.9	19.4	13.6	42	<0.1	21.2	6.2	115	2.30	9.3	1.0	7.5	0.7	9	0.1	1.1	0.2	38	0.09	0.056
1110755	Soil	1.0	25.0	13.7	58	<0.1	22.5	9.0	262	2.63	9.4	1.1	6.0	2.4	10	0.2	0.8	0.2	41	0.10	0.061
1110758	Soil	0.9	31.9	17.7	68	<0.1	32.8	12.8	363	2.78	12.9	1.3	3.1	4.1	14	0.2	4.2	0.2	39	0.14	0.058
1110757	Soil	0.7	23.4	19.4	62	<0.1	24.9	10.2	315	2.24	17.1	1.0	5.4	3.1	10	0.3	2.8	0.2	35	0.11	0.057
1110760	Soil	0.7	21.5	12.2	53	<0.1	19.2	8.7	194	2.33	9.6	0.8	9.0	1.1	11	0.2	1.0	0.2	41	0.13	0.067
1110759	Soil	0.8	26.0	11.5	67	0.1	25.3	9.9	278	2.53	10.0	1.1	5.4	3.2	12	0.2	1.9	0.2	38	0.13	0.058
1110761	Soil	0.9	22.5	14.1	53	<0.1	15.6	8.3	207	2.79	11.2	1.1	2.0	2.2	11	<0.1	0.9	0.2	41	0.10	0.057
1110762	Soil	1.0	17.0	12.4	50	<0.1	17.6	7.2	220	2.33	10.2	0.8	4.6	0.8	9	0.2	0.8	0.2	44	0.08	0.053
1110776	Soil	2.1	60.4	35.0	103	0.2	52.0	19.6	565	5.71	18.4	2.4	2.8	11.9	21	0.5	9.5	0.7	29	0.14	0.069
1110775	Soil	1.4	21.5	17.8	67	<0.1	22.0	10.7	352	3.42	15.1	0.9	1.5	3.3	9	0.2	7.5	0.3	43	0.08	0.047
1110778	Soil	0.7	18.2	12.4	58	<0.1	21.8	7.7	208	2.16	10.5	0.8	3.0	2.8	12	0.1	3.2	0.2	37	0.14	0.047

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Project: MHR
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS DAW11000185.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1036581	Soil	50	9	0.11	32	0.003	<1	0.43	0.005	0.05	<0.1	0.02	0.9	<0.1	<0.05	2	<0.5	<0.2
1036596	Soil	29	21	0.39	177	0.013	1	1.06	0.005	0.09	0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1036586	Soil	25	22	0.49	47	0.003	3	0.96	0.005	0.09	0.1	0.03	2.2	0.1	<0.05	3	<0.5	<0.2
1036585	Soil	48	24	0.57	51	0.003	4	1.17	0.007	0.13	<0.1	0.03	2.0	<0.1	0.06	3	<0.5	<0.2
1036587	Soil	23	13	0.28	66	0.001	3	0.67	0.004	0.10	<0.1	0.08	2.4	0.2	0.06	2	<0.5	<0.2
1036589	Soil	17	15	0.37	177	0.008	6	0.82	0.012	0.09	<0.1	0.05	1.3	<0.1	0.15	2	0.6	<0.2
1036588	Soil	45	26	0.59	80	0.005	2	1.34	0.008	0.10	<0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1036590	Soil	47	10	0.31	60	0.003	2	0.81	0.004	0.14	<0.1	0.05	1.7	0.1	0.05	2	0.5	<0.2
1036584	Soil	43	17	0.36	48	0.002	1	0.90	0.006	0.08	<0.1	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
1036593	Soil	17	26	0.70	44	0.009	3	1.27	0.005	0.23	<0.1	0.04	2.9	0.2	0.05	3	0.5	<0.2
1036594	Soil	33	29	0.62	101	0.010	2	1.23	0.005	0.13	<0.1	0.03	2.7	0.2	<0.05	4	<0.5	<0.2
1036591	Soil	25	29	0.69	74	0.009	1	1.25	0.004	0.14	<0.1	0.02	2.0	0.1	<0.05	4	<0.5	<0.2
1036592	Soil	14	29	0.53	69	0.006	5	1.13	0.004	0.11	<0.1	0.03	3.2	0.1	<0.05	3	<0.5	0.2
1036595	Soil	35	24	0.53	103	0.006	7	1.09	0.005	0.12	<0.1	0.01	2.6	<0.1	<0.05	3	0.8	<0.2
1110780	Soil	17	23	0.32	166	0.024	5	1.01	0.004	0.03	0.3	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1110754	Soil	19	27	0.43	175	0.025	3	1.43	0.006	0.05	0.2	0.08	2.4	<0.1	<0.05	4	0.6	<0.2
1110752	Soil	18	22	0.36	193	0.023	3	1.18	0.004	0.04	0.2	0.04	2.7	0.1	<0.05	3	<0.5	<0.2
1110751	Soil	15	24	0.34	116	0.016	3	1.29	0.004	0.04	0.1	0.05	1.3	0.2	<0.05	4	<0.5	0.5
1110753	Soil	14	32	0.36	92	0.015	2	1.37	0.004	0.03	0.2	0.05	1.3	0.1	<0.05	4	<0.5	0.2
1110756	Soil	17	34	0.37	85	0.013	2	1.33	0.003	0.03	0.1	0.05	1.1	0.1	<0.05	4	<0.5	0.2
1110755	Soil	19	28	0.44	118	0.017	2	1.42	0.004	0.03	0.2	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
1110758	Soil	25	39	0.51	299	0.025	3	1.43	0.005	0.04	0.2	0.03	2.9	<0.1	<0.05	4	<0.5	0.2
1110757	Soil	19	26	0.39	103	0.024	2	1.19	0.004	0.04	0.2	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1110760	Soil	16	30	0.40	115	0.024	2	1.40	0.005	0.04	0.2	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1110759	Soil	24	29	0.45	166	0.030	2	1.40	0.004	0.04	0.1	0.03	2.4	<0.1	<0.05	4	<0.5	<0.2
1110761	Soil	21	26	0.37	205	0.022	<1	1.39	0.005	0.04	0.2	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
1110762	Soil	16	28	0.34	84	0.023	2	1.28	0.004	0.04	0.2	0.04	1.3	<0.1	0.05	4	<0.5	0.3
1110776	Soil	42	43	0.52	114	0.009	2	1.36	0.007	0.05	0.1	0.03	2.9	<0.1	0.09	4	0.9	0.3
1110775	Soil	23	27	0.40	86	0.025	<1	1.28	0.004	0.05	0.2	0.02	1.7	<0.1	0.06	4	<0.5	<0.2
1110778	Soil	16	25	0.36	98	0.029	2	1.03	0.005	0.04	0.2	0.06	1.9	<0.1	0.07	3	0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1110777	Soil	0.8	23.1	12.6	60	0.2	23.6	7.9	235	2.40	11.2	1.0	6.7	4.2	14	0.1	3.9	0.2	37	0.20	0.070
1110779	Soil	1.0	20.9	65.5	80	0.3	22.1	9.2	310	2.33	36.5	0.9	8.0	3.8	12	0.9	25.4	0.2	39	0.16	0.064
1110781	Soil	0.9	17.1	32.1	61	0.1	16.6	6.2	183	2.05	21.2	0.8	6.8	1.4	12	0.5	11.4	0.1	37	0.14	0.056
1110783	Soil	0.8	18.0	32.2	58	0.2	16.2	6.4	161	1.92	16.9	0.7	6.3	1.7	13	0.5	10.0	0.1	34	0.16	0.057
1110784	Soil	0.8	13.8	16.9	55	<0.1	14.3	5.5	206	2.06	12.7	0.7	2.3	2.0	12	0.3	3.4	0.1	35	0.16	0.059
1110782	Soil	0.7	16.6	32.9	59	0.2	15.3	6.3	152	1.86	17.0	0.8	13.4	1.3	12	0.3	9.7	0.1	33	0.15	0.058
1079560	Soil	0.8	16.7	32.7	64	0.1	18.1	10.3	408	2.53	14.2	0.7	4.5	3.1	13	0.2	6.7	0.2	36	0.13	0.046
1110785	Soil	0.8	20.0	12.9	54	<0.1	17.7	7.7	252	2.08	16.8	0.8	3.3	3.2	12	0.2	2.3	0.2	36	0.14	0.055
1079561	Soil	1.0	20.9	17.7	66	<0.1	21.2	8.8	293	2.68	15.2	0.6	2.3	4.6	12	0.2	5.7	0.2	38	0.11	0.046
1079562	Soil	2.0	46.8	104.3	115	0.3	45.0	16.0	405	5.21	46.4	1.7	10.3	19.3	28	0.4	104.3	0.6	15	0.08	0.066
1110764	Soil	0.6	21.1	10.9	54	<0.1	22.1	8.1	205	2.17	7.7	1.0	5.0	2.2	10	<0.1	0.6	0.2	39	0.12	0.046
1110763	Soil	0.9	31.3	16.4	57	<0.1	30.4	12.5	332	2.31	7.7	1.0	2.6	4.1	10	0.3	1.1	0.2	37	0.10	0.041
1110765	Soil	0.9	31.4	10.6	64	0.1	29.2	11.0	353	2.21	10.8	1.2	1.2	4.5	14	0.3	1.2	0.1	38	0.18	0.065
1110766	Soil	0.7	23.6	11.2	64	0.1	19.8	8.1	219	2.25	11.0	1.2	9.5	2.8	14	0.4	0.9	0.1	39	0.17	0.072
1110768	Soil	1.0	17.6	14.1	46	<0.1	17.4	6.5	157	2.13	8.9	0.8	2.5	1.0	9	0.1	1.1	0.2	39	0.10	0.047
1110767	Soil	0.8	22.1	11.6	52	<0.1	20.9	11.0	497	2.31	11.3	1.0	1.7	1.8	10	0.2	1.3	0.2	40	0.11	0.050
1110770	Soil	0.8	19.8	12.5	52	<0.1	18.0	8.0	268	2.25	9.3	1.0	3.5	1.0	12	0.1	1.1	0.2	38	0.13	0.056
1110769	Soil	0.8	21.5	15.3	53	<0.1	21.4	9.2	289	2.46	37.7	0.9	19.2	2.5	10	0.1	2.6	0.2	42	0.10	0.046
1110771	Soil	0.8	30.1	14.0	64	0.1	26.8	9.5	319	2.56	10.9	1.2	1.7	3.0	15	0.2	1.3	0.2	41	0.17	0.062
1110772	Soil	1.1	23.3	18.9	59	<0.1	22.8	8.3	257	2.78	12.1	1.4	4.9	2.1	12	0.2	1.1	0.3	46	0.11	0.054
1110773	Soil	1.4	39.4	22.1	77	0.1	55.5	16.3	501	3.26	13.6	1.5	7.2	6.5	11	0.3	1.9	0.3	44	0.12	0.058
1110774	Soil	1.3	38.0	36.2	76	0.3	37.0	10.3	211	3.65	20.1	2.2	3.2	2.6	11	0.1	6.2	0.4	45	0.08	0.068
1079539	Soil	0.8	27.5	13.6	71	<0.1	30.4	11.3	378	2.61	12.3	1.1	4.2	6.4	19	0.2	5.1	0.2	42	0.27	0.081
1079537	Soil	1.3	37.1	21.4	85	0.1	45.4	17.4	602	3.52	10.8	1.8	3.2	7.4	13	0.3	2.8	0.3	38	0.17	0.062
1079536	Soil	1.0	34.8	24.2	83	0.2	42.0	14.1	422	3.49	11.2	1.8	3.6	6.5	14	0.2	4.4	0.3	36	0.15	0.058
1079538	Soil	0.8	39.9	18.8	78	0.1	37.2	14.2	522	3.35	12.0	1.9	7.2	10.0	15	0.1	8.1	0.3	35	0.20	0.066
1079541	Soil	1.2	26.6	23.1	86	0.5	28.4	14.3	464	2.90	17.1	2.1	2.6	1.6	20	0.2	5.8	0.3	42	0.23	0.096
1079540	Soil	0.9	21.4	25.0	87	0.2	33.1	16.1	559	3.02	27.3	1.1	13.4	3.9	14	0.3	7.2	0.2	44	0.18	0.062
1079542	Soil	1.3	28.2	43.2	88	0.3	38.0	18.3	809	3.47	42.4	1.7	4.9	4.1	17	0.3	26.7	0.3	41	0.14	0.071
1079543	Soil	1.4	47.5	41.1	107	0.5	48.3	18.0	426	4.06	28.3	2.7	4.6	8.9	18	0.3	22.2	0.4	36	0.15	0.066

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600 - 666 Burrard St.
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Project: MHR
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS DAW11000185.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1110777	Soil	20	25	0.35	128	0.029	1	1.13	0.005	0.04	0.4	0.04	2.2	0.1	0.06	3	<0.5	<0.2
1110779	Soil	19	27	0.36	132	0.031	1	1.10	0.005	0.03	0.4	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1110781	Soil	18	23	0.32	138	0.028	1	1.03	0.005	0.03	0.3	0.04	1.6	<0.1	<0.05	3	0.8	<0.2
1110783	Soil	16	23	0.32	173	0.026	2	1.03	0.005	0.03	0.3	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1110784	Soil	15	22	0.31	102	0.028	<1	1.12	0.005	0.04	0.3	0.03	1.6	<0.1	<0.05	3	0.6	<0.2
1110782	Soil	15	23	0.32	161	0.025	<1	1.01	0.005	0.03	0.3	0.03	1.7	<0.1	0.07	3	<0.5	<0.2
1079560	Soil	21	25	0.35	144	0.023	1	1.25	0.005	0.07	0.2	0.03	2.0	0.1	0.06	4	<0.5	<0.2
1110785	Soil	15	24	0.36	140	0.028	1	1.13	0.004	0.04	0.3	0.04	1.8	<0.1	<0.05	3	<0.5	<0.2
1079561	Soil	18	24	0.37	133	0.021	<1	1.41	0.005	0.08	0.2	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1079562	Soil	58	15	0.31	72	0.005	2	0.85	0.010	0.09	<0.1	0.02	1.7	0.1	0.10	2	1.2	<0.2
1110764	Soil	18	30	0.40	153	0.031	1	1.31	0.010	0.03	0.2	0.03	1.9	<0.1	0.05	4	<0.5	<0.2
1110763	Soil	23	30	0.43	180	0.033	<1	1.22	0.005	0.03	0.1	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
1110765	Soil	18	22	0.37	217	0.041	<1	1.08	0.005	0.05	0.3	0.02	3.0	<0.1	<0.05	3	0.6	<0.2
1110766	Soil	16	25	0.39	169	0.035	<1	1.27	0.006	0.04	0.2	0.04	2.7	<0.1	<0.05	3	1.1	<0.2
1110768	Soil	16	23	0.31	97	0.021	<1	1.22	0.004	0.04	0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1110767	Soil	18	26	0.37	126	0.030	1	1.25	0.005	0.04	0.2	0.04	2.0	0.1	<0.05	4	<0.5	<0.2
1110770	Soil	19	25	0.37	151	0.020	<1	1.23	0.004	0.04	0.2	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1110769	Soil	18	33	0.40	154	0.023	2	1.32	0.004	0.04	0.2	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1110771	Soil	24	29	0.44	282	0.030	<1	1.35	0.005	0.06	0.2	0.04	3.0	0.1	<0.05	4	<0.5	<0.2
1110772	Soil	25	32	0.38	211	0.025	<1	1.53	0.005	0.06	0.1	0.05	2.5	0.1	<0.05	5	<0.5	<0.2
1110773	Soil	25	61	0.65	137	0.030	1	1.46	0.005	0.06	0.2	0.04	3.5	<0.1	<0.05	4	0.7	<0.2
1110774	Soil	25	41	0.51	149	0.017	<1	1.86	0.005	0.06	0.2	0.05	2.7	0.1	<0.05	5	0.8	<0.2
1079539	Soil	23	31	0.47	171	0.033	<1	1.12	0.006	0.05	0.5	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
1079537	Soil	28	49	0.65	159	0.019	<1	1.48	0.005	0.05	0.2	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1079536	Soil	27	42	0.57	152	0.019	1	1.34	0.005	0.05	0.2	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1079538	Soil	31	31	0.55	153	0.026	<1	1.31	0.005	0.04	0.3	0.03	2.4	<0.1	<0.05	4	<0.5	<0.2
1079541	Soil	25	35	0.49	350	0.017	2	1.72	0.008	0.05	0.2	0.07	2.7	0.2	<0.05	5	0.6	<0.2
1079540	Soil	22	41	0.59	225	0.022	<1	1.51	0.005	0.05	0.4	0.04	2.6	0.1	<0.05	4	<0.5	<0.2
1079542	Soil	28	50	0.59	147	0.019	1	1.44	0.006	0.05	0.2	0.04	2.3	0.1	<0.05	4	0.5	<0.2
1079543	Soil	35	32	0.55	124	0.018	<1	1.40	0.007	0.05	0.2	0.04	2.8	<0.1	<0.05	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Project: MHR
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS DAW11000185.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1079544	Soil	1.4	45.9	35.8	87	0.6	37.0	14.9	451	3.93	19.9	3.2	4.1	6.6	17	0.3	10.2	0.4	33	0.14	0.076
1079545	Soil	1.4	21.4	38.0	74	0.3	21.3	8.9	264	2.70	19.2	1.4	19.5	5.0	14	0.2	15.1	0.3	35	0.15	0.060
1079547	Soil	0.9	18.0	33.5	66	0.5	17.5	6.9	180	2.23	17.2	1.4	1.8	1.9	13	0.2	9.7	0.2	35	0.14	0.058
1079546	Soil	1.0	18.2	34.3	69	0.6	17.6	6.8	187	2.36	18.0	1.4	4.2	1.9	14	0.3	9.5	0.2	37	0.14	0.061
1079524	Soil	1.4	33.4	21.0	79	0.1	33.0	11.8	309	3.20	12.9	1.6	3.9	9.0	29	0.2	5.1	0.3	33	0.27	0.081
1079527	Soil	1.9	50.4	39.6	263	<0.1	53.4	28.7	1242	4.83	171.6	2.6	2.2	12.7	7	1.2	81.6	0.4	21	0.05	0.062
1079526	Soil	1.2	18.8	17.4	62	0.1	23.6	9.9	285	2.79	10.9	1.1	5.3	2.0	12	0.1	3.2	0.2	42	0.13	0.058
1079525	Soil	1.1	34.7	14.2	82	0.2	39.5	13.8	406	2.97	11.6	1.5	4.2	5.5	19	0.3	2.3	0.2	43	0.23	0.079
1079529	Soil	1.2	66.0	21.2	67	<0.1	90.6	30.2	653	4.15	25.3	1.2	1.2	7.6	17	0.1	1.8	0.2	78	0.20	0.077
1079528	Soil	1.1	33.1	14.5	64	0.1	24.6	8.8	235	3.22	14.3	1.1	3.7	4.1	13	0.2	3.7	0.3	44	0.12	0.057
1079531	Soil	1.3	34.0	24.5	78	0.2	31.6	16.2	520	3.47	14.4	1.7	2.9	6.1	17	0.2	3.3	0.4	37	0.15	0.064
1079530	Soil	2.1	72.3	151.4	247	0.2	77.8	29.2	710	5.73	213.4	3.1	4.4	18.2	30	1.2	60.9	0.8	52	0.20	0.086
1079533	Soil	1.2	35.6	29.4	72	0.2	26.1	11.9	377	3.37	13.5	2.1	3.3	5.5	13	0.1	4.5	0.4	33	0.10	0.062
1079532	Soil	1.4	42.1	26.2	82	0.2	39.0	14.9	389	3.78	11.7	2.3	10.2	8.8	13	0.2	2.6	0.4	32	0.12	0.061
1079534	Soil	1.2	37.5	26.8	81	0.2	35.2	14.8	517	3.64	17.1	2.0	4.8	3.7	16	0.3	5.4	0.4	40	0.16	0.074
1079535	Soil	1.3	36.4	26.3	78	0.2	33.5	13.9	500	3.48	17.4	2.0	2.3	4.3	16	0.2	6.0	0.3	38	0.15	0.070
1079548	Soil	0.8	30.3	22.0	71	0.2	29.6	10.9	346	2.89	8.3	1.7	1.5	7.1	21	0.3	4.5	0.3	29	0.23	0.061
1079553	Soil	0.8	18.2	17.9	62	0.3	19.6	7.7	170	2.24	13.7	0.8	4.6	2.5	12	0.2	4.2	0.2	35	0.15	0.065
1079549	Soil	1.0	35.2	19.2	81	0.1	42.5	16.9	467	3.12	9.4	1.9	2.5	7.6	14	0.2	3.4	0.2	34	0.16	0.059
1079551	Soil	0.9	14.4	19.7	51	0.3	15.6	6.0	128	2.35	12.3	1.0	1.5	1.1	9	0.1	3.7	0.2	37	0.11	0.063

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1079544	Soil	41	34	0.56	175	0.014	<1	1.43	0.006	0.05	0.1	0.05	3.2	<0.1	<0.05	4	<0.5	<0.2
1079545	Soil	25	24	0.37	114	0.024	<1	1.13	0.006	0.04	0.3	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1079547	Soil	16	23	0.41	135	0.015	1	1.22	0.006	0.04	0.3	0.03	1.6	0.1	<0.05	4	<0.5	<0.2
1079546	Soil	16	24	0.44	135	0.016	1	1.35	0.006	0.04	0.3	0.05	1.7	0.1	<0.05	4	<0.5	<0.2
1079524	Soil	36	26	0.45	125	0.023	1	1.05	0.007	0.06	0.2	0.05	2.6	<0.1	<0.05	3	0.5	<0.2
1079527	Soil	50	13	0.24	43	0.005	<1	0.96	0.004	0.04	<0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1079526	Soil	22	31	0.50	127	0.017	<1	1.43	0.005	0.04	0.2	0.02	1.8	0.1	<0.05	5	<0.5	<0.2
1079525	Soil	27	31	0.50	183	0.034	1	1.41	0.006	0.06	0.2	0.03	2.9	0.1	<0.05	4	<0.5	<0.2
1079529	Soil	28	138	1.58	97	0.043	<1	2.51	0.005	0.04	0.1	0.02	4.8	0.1	<0.05	7	0.5	<0.2
1079528	Soil	20	33	0.42	101	0.025	<1	1.61	0.005	0.04	0.2	0.06	2.4	<0.1	<0.05	5	<0.5	<0.2
1079531	Soil	28	31	0.62	123	0.020	<1	1.43	0.005	0.05	0.2	0.03	2.0	<0.1	<0.05	5	0.5	<0.2
1079530	Soil	41	72	1.27	57	0.013	<1	2.02	0.004	0.05	<0.1	0.01	3.2	<0.1	<0.05	6	0.8	<0.2
1079533	Soil	27	28	0.50	127	0.018	<1	1.36	0.005	0.05	0.1	0.05	2.0	<0.1	<0.05	4	<0.5	<0.2
1079532	Soil	34	29	0.56	101	0.021	<1	1.35	0.005	0.04	0.1	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1079534	Soil	26	41	0.59	166	0.017	1	1.54	0.005	0.05	0.2	0.07	2.3	<0.1	<0.05	5	0.7	<0.2
1079535	Soil	24	38	0.56	158	0.012	1	1.43	0.005	0.05	0.2	0.07	2.2	<0.1	<0.05	4	0.8	<0.2
1079548	Soil	26	29	0.45	121	0.017	1	1.05	0.007	0.04	0.2	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1079553	Soil	15	29	0.38	161	0.018	1	1.20	0.005	0.04	0.3	0.05	2.0	<0.1	<0.05	3	<0.5	<0.2
1079549	Soil	25	34	0.48	120	0.018	<1	1.24	0.005	0.05	0.2	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
1079551	Soil	16	26	0.33	103	0.011	1	1.20	0.004	0.04	0.3	0.07	1.2	0.1	<0.05	4	<0.5	<0.2

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600 - 666 Burrard St.
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Project: MHR
Report Date: September 01, 2011

QUALITY CONTROL REPORT DAW11000185.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1096164	Soil	0.9	27.9	15.9	68	<0.1	24.6	10.4	337	2.63	20.1	1.3	4.6	3.2	12	0.2	1.1	0.5	38	0.08	0.037
REP 1096164	QC	1.0	28.5	15.5	67	<0.1	24.5	10.2	333	2.61	20.2	1.2	1.7	3.2	12	0.3	1.1	0.5	37	0.08	0.037
1096169	Soil	0.9	21.5	15.0	62	<0.1	19.9	7.2	170	2.56	16.8	1.1	2.2	2.3	9	0.1	1.2	0.4	40	0.07	0.035
REP 1096169	QC	0.9	21.2	15.6	63	<0.1	19.7	7.3	169	2.60	16.7	1.1	2.6	2.0	9	0.2	1.3	0.4	40	0.07	0.036
1079889	Soil	2.0	48.3	20.6	102	0.2	46.7	19.1	451	4.19	12.6	1.1	2.7	5.1	30	0.5	4.3	0.3	34	0.21	0.097
REP 1079889	QC	2.0	48.6	20.1	106	0.3	46.4	19.8	476	4.29	12.8	1.1	2.6	5.3	31	0.5	4.4	0.3	34	0.20	0.096
1096114	Soil	0.7	32.3	16.2	63	0.1	30.7	12.3	217	2.77	27.7	1.1	5.0	6.5	21	0.2	2.0	0.9	43	0.12	0.042
REP 1096114	QC	0.7	30.5	15.7	63	0.1	30.4	11.7	202	2.68	26.9	1.1	3.6	6.2	20	0.2	1.9	0.9	42	0.12	0.042
1096131	Soil	0.8	23.3	19.1	68	0.3	22.3	10.7	314	2.34	12.0	0.9	1.3	3.6	10	0.5	1.9	0.3	32	0.11	0.050
REP 1096131	QC	0.8	23.0	19.7	67	0.3	21.1	10.4	305	2.27	11.5	0.9	1.9	3.6	10	0.5	1.8	0.3	31	0.10	0.048
1149854	Soil	1.1	13.8	12.5	44	<0.1	16.4	7.7	311	2.39	10.4	0.6	11.4	5.0	8	0.2	0.7	0.2	46	0.08	0.033
REP 1149854	QC	1.0	14.8	12.6	46	<0.1	16.6	7.9	318	2.44	10.7	0.6	4.2	5.4	9	0.2	0.8	0.2	47	0.09	0.033
1149739	Soil	1.1	44.7	9.0	76	<0.1	40.1	19.4	896	2.92	7.9	0.8	<0.5	13.0	6	0.3	1.2	0.3	17	0.03	0.036
REP 1149739	QC	1.1	43.2	8.9	75	<0.1	38.7	19.1	893	2.93	7.9	0.9	<0.5	12.8	6	0.2	1.3	0.3	18	0.03	0.034
1149872	Soil	1.2	35.7	100.3	119	0.2	24.0	16.5	1126	3.37	16.6	1.3	6.1	2.7	21	0.7	3.9	0.3	24	0.05	0.048
REP 1149872	QC	1.2	36.2	99.1	121	0.2	23.9	16.4	1104	3.28	16.2	1.2	2.2	2.7	20	0.8	4.0	0.3	24	0.04	0.046
1147988	Soil	0.7	19.7	26.5	61	<0.1	20.4	10.7	596	2.15	9.0	0.9	2.6	1.0	10	0.2	2.4	0.3	25	0.06	0.039
REP 1147988	QC	0.8	20.2	27.1	61	<0.1	20.5	10.8	605	2.10	9.3	0.9	1.9	1.2	9	0.2	2.3	0.2	25	0.06	0.038
1151005	Soil	0.9	13.5	13.5	41	<0.1	14.3	6.2	157	2.13	7.8	1.0	1.3	2.3	9	<0.1	0.4	0.2	32	0.05	0.035
REP 1151005	QC	0.9	13.5	13.8	41	<0.1	14.5	5.9	158	2.16	7.9	1.0	0.9	2.2	9	<0.1	0.4	0.2	31	0.05	0.036
1079863	Soil	0.9	24.6	11.8	63	<0.1	25.3	11.2	334	2.62	20.0	0.8	6.3	4.8	13	0.2	0.8	0.4	41	0.15	0.053
REP 1079863	QC	0.9	24.0	11.6	61	<0.1	25.0	10.7	312	2.59	19.3	0.8	8.8	4.9	13	0.3	0.8	0.4	39	0.14	0.052
1144743	Soil	0.9	15.8	18.5	50	<0.1	18.3	7.7	353	2.35	10.3	0.8	2.4	3.7	10	0.1	1.1	0.2	30	0.08	0.033
REP 1144743	QC	0.8	15.5	17.9	47	<0.1	18.5	7.7	335	2.37	10.3	0.8	2.3	3.4	10	0.1	1.1	0.2	29	0.08	0.034
1151842	Soil	0.7	15.8	25.1	50	<0.1	14.6	6.4	214	1.82	7.8	0.8	2.5	2.8	9	0.2	2.6	0.1	29	0.09	0.031
REP 1151842	QC	0.7	16.4	25.5	52	<0.1	15.3	6.7	232	1.90	7.9	0.8	4.4	2.9	9	0.2	2.7	0.1	29	0.09	0.033
1036594	Soil	1.1	52.2	31.8	96	0.2	54.2	18.0	717	4.14	20.6	1.1	3.2	7.0	28	0.3	12.5	0.2	25	0.29	0.064
REP 1036594	QC	1.0	53.5	31.4	100	0.2	53.7	17.7	685	4.09	20.3	1.1	4.0	7.0	27	0.3	12.2	0.3	24	0.28	0.062

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Project: MHR
Report Date: September 01, 2011

QUALITY CONTROL REPORT DAW11000185.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1096164	Soil	18	28	0.46	117	0.046	1	1.50	0.005	0.15	0.1	0.02	1.9	0.2	<0.05	4	<0.5	<0.2
REP 1096164	QC	18	28	0.46	116	0.045	1	1.47	0.005	0.15	0.2	0.02	1.9	0.2	<0.05	5	<0.5	<0.2
1096169	Soil	17	28	0.43	94	0.032	1	1.49	0.004	0.10	0.2	0.04	1.7	0.2	<0.05	5	<0.5	<0.2
REP 1096169	QC	17	29	0.44	98	0.032	<1	1.53	0.004	0.10	0.2	0.03	1.7	0.2	<0.05	5	<0.5	<0.2
1079889	Soil	25	34	0.80	252	0.025	<1	1.57	0.008	0.06	<0.1	0.02	2.2	<0.1	<0.05	4	0.7	<0.2
REP 1079889	QC	24	34	0.78	254	0.024	1	1.50	0.008	0.06	0.1	0.03	2.2	<0.1	<0.05	4	0.6	<0.2
1096114	Soil	21	48	0.65	167	0.071	<1	1.78	0.007	0.24	0.2	0.02	2.7	0.4	<0.05	5	<0.5	<0.2
REP 1096114	QC	21	47	0.63	161	0.071	<1	1.70	0.007	0.23	0.1	0.02	2.7	0.3	<0.05	5	<0.5	<0.2
1096131	Soil	22	22	0.44	137	0.020	<1	1.37	0.004	0.11	0.2	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
REP 1096131	QC	21	22	0.43	134	0.019	<1	1.35	0.004	0.11	0.1	0.05	1.7	0.1	<0.05	4	<0.5	<0.2
1149854	Soil	15	20	0.31	77	0.036	1	1.26	0.004	0.05	0.2	0.04	2.1	0.1	<0.05	5	<0.5	<0.2
REP 1149854	QC	15	23	0.32	79	0.039	<1	1.28	0.004	0.06	0.2	0.04	2.1	0.1	<0.05	5	<0.5	<0.2
1149739	Soil	55	15	0.24	124	0.003	<1	1.29	0.002	0.07	<0.1	0.02	1.6	0.1	<0.05	3	1.0	<0.2
REP 1149739	QC	54	16	0.24	121	0.003	<1	1.29	0.002	0.06	<0.1	0.05	1.6	0.1	<0.05	3	1.0	<0.2
1149872	Soil	28	14	0.20	100	0.011	<1	0.94	0.004	0.08	<0.1	0.02	1.6	0.1	0.06	3	0.5	<0.2
REP 1149872	QC	26	14	0.20	93	0.011	<1	0.92	0.004	0.08	<0.1	0.03	1.7	0.1	0.05	3	0.9	<0.2
1147988	Soil	18	15	0.22	77	0.010	<1	0.89	0.003	0.04	0.2	0.03	0.7	0.1	<0.05	3	<0.5	<0.2
REP 1147988	QC	17	15	0.21	75	0.008	<1	0.87	0.003	0.04	0.1	0.04	0.7	0.1	<0.05	3	<0.5	<0.2
1151005	Soil	23	19	0.31	92	0.013	<1	1.14	0.003	0.03	0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
REP 1151005	QC	23	19	0.32	95	0.011	<1	1.17	0.003	0.02	0.1	0.04	1.1	<0.1	<0.05	4	<0.5	<0.2
1079863	Soil	16	27	0.46	157	0.048	1	1.37	0.006	0.16	0.6	0.03	2.2	0.2	<0.05	4	<0.5	<0.2
REP 1079863	QC	17	25	0.45	156	0.047	1	1.31	0.006	0.17	0.6	0.02	2.2	0.2	<0.05	4	<0.5	<0.2
1144743	Soil	17	17	0.26	143	0.014	<1	1.03	0.004	0.03	0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
REP 1144743	QC	17	16	0.25	136	0.015	<1	0.99	0.004	0.03	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1151842	Soil	20	17	0.26	108	0.017	<1	0.88	0.004	0.04	0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
REP 1151842	QC	21	18	0.28	110	0.019	<1	0.97	0.004	0.04	0.1	0.04	1.5	0.1	<0.05	3	<0.5	<0.2
1036594	Soil	33	29	0.62	101	0.010	2	1.23	0.005	0.13	<0.1	0.03	2.7	0.2	<0.05	4	<0.5	<0.2
REP 1036594	QC	33	28	0.61	102	0.009	1	1.22	0.005	0.12	<0.1	0.03	2.6	0.2	<0.05	4	<0.5	<0.2

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Project: MHR
Report Date: September 01, 2011

QUALITY CONTROL REPORT DAW11000185.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1110761	Soil	0.9	22.5	14.1	53	<0.1	15.6	8.3	207	2.79	11.2	1.1	2.0	2.2	11	<0.1	0.9	0.2	41	0.10	0.057
REP 1110761	QC	1.2	23.9	14.6	53	<0.1	14.3	8.4	218	2.70	10.2	1.1	4.6	2.4	11	0.2	0.8	0.2	42	0.10	0.058
1110784	Soil	0.8	13.8	16.9	55	<0.1	14.3	5.5	206	2.06	12.7	0.7	2.3	2.0	12	0.3	3.4	0.1	35	0.16	0.059
REP 1110784	QC	0.6	13.5	16.9	56	<0.1	14.2	5.6	204	1.99	12.1	0.7	17.5	2.1	12	0.2	3.1	0.1	34	0.14	0.058
1079527	Soil	1.9	50.4	39.6	263	<0.1	53.4	28.7	1242	4.83	171.6	2.6	2.2	12.7	7	1.2	81.6	0.4	21	0.05	0.062
REP 1079527	QC	2.0	49.1	39.3	261	<0.1	51.7	28.8	1245	4.81	168.9	2.5	1.1	12.2	7	1.2	83.5	0.4	21	0.05	0.063
Reference Materials																					
STD DS8	Standard	12.7	109.2	119.7	315	1.8	37.4	7.5	598	2.43	24.6	2.6	123.6	6.5	60	2.2	5.7	6.6	42	0.67	0.078
STD DS8	Standard	15.0	112.3	128.4	322	1.9	38.8	8.0	646	2.58	25.3	2.9	125.1	7.4	67	2.4	5.5	6.9	45	0.75	0.079
STD DS8	Standard	13.2	113.5	128.5	321	2.0	39.8	7.9	627	2.55	25.6	2.7	120.5	6.3	67	2.2	6.0	6.1	44	0.72	0.083
STD DS8	Standard	13.7	113.1	124.3	316	1.7	41.2	8.0	626	2.52	23.7	2.7	112.1	6.8	61	2.2	5.4	6.3	46	0.70	0.075
STD DS8	Standard	13.4	115.9	126.5	319	1.7	39.6	7.8	619	2.51	24.7	2.7	170.9	7.1	64	2.1	5.1	6.7	45	0.71	0.078
STD DS8	Standard	12.7	107.2	118.9	300	1.8	35.6	7.3	601	2.35	24.9	2.9	118.9	7.0	62	2.6	5.7	7.0	42	0.68	0.083
STD DS8	Standard	14.2	123.7	129.0	334	1.8	41.1	8.7	655	2.63	26.0	2.7	123.4	7.0	61	2.6	5.3	6.8	48	0.72	0.081
STD DS8	Standard	13.2	104.9	125.4	308	1.8	37.4	7.3	622	2.45	24.2	2.5	116.0	6.2	62	2.2	5.2	6.4	41	0.69	0.082
STD DS8	Standard	13.6	104.1	123.4	311	1.8	35.7	7.3	573	2.58	24.4	2.7	100.4	6.4	64	2.4	5.2	5.8	40	0.69	0.075
STD DS8	Standard	12.6	99.4	116.1	298	1.6	36.3	7.3	572	2.28	21.9	2.6	109.8	6.1	60	2.0	5.0	6.0	39	0.61	0.074
STD DS8	Standard	12.6	106.6	125.1	306	1.8	35.5	7.3	595	2.39	24.0	2.7	120.0	6.6	62	2.2	5.5	6.6	41	0.66	0.077
STD DS8	Standard	13.0	105.7	125.6	312	1.8	36.8	7.4	631	2.54	24.7	2.8	101.7	6.8	64	2.1	5.4	6.4	41	0.70	0.082
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 01, 2011

QUALITY CONTROL REPORT DAW11000185.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1110761	Soil	21	26	0.37	205	0.022	<1	1.39	0.005	0.04	0.2	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
REP 1110761	QC	21	27	0.36	201	0.022	2	1.45	0.004	0.04	0.2	0.05	2.1	0.1	0.05	4	0.5	0.2
1110784	Soil	15	22	0.31	102	0.028	<1	1.12	0.005	0.04	0.3	0.03	1.6	<0.1	<0.05	3	0.6	<0.2
REP 1110784	QC	14	21	0.32	95	0.027	<1	1.08	0.004	0.03	0.2	0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
1079527	Soil	50	13	0.24	43	0.005	<1	0.96	0.004	0.04	<0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
REP 1079527	QC	48	14	0.24	42	0.005	<1	0.98	0.004	0.04	<0.1	0.01	1.6	<0.1	<0.05	3	0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	119	0.60	262	0.100	3	0.88	0.086	0.40	3.0	0.20	2.1	5.5	0.08	4	5.5	4.7
STD DS8	Standard	17	125	0.64	291	0.129	3	0.97	0.097	0.43	3.1	0.21	2.3	5.7	0.08	5	6.2	5.4
STD DS8	Standard	15	126	0.57	282	0.120	3	0.93	0.095	0.43	2.7	0.21	2.6	5.6	0.20	5	5.0	5.2
STD DS8	Standard	16	125	0.63	260	0.127	2	0.90	0.084	0.42	3.1	0.19	2.2	5.4	0.17	4	5.2	4.8
STD DS8	Standard	15	126	0.62	280	0.114	3	0.94	0.090	0.40	3.0	0.21	2.2	5.5	0.17	5	5.0	4.8
STD DS8	Standard	16	112	0.59	286	0.115	3	0.87	0.086	0.39	3.0	0.19	2.0	5.3	0.15	5	4.8	4.6
STD DS8	Standard	15	132	0.64	280	0.114	2	0.96	0.087	0.41	3.1	0.21	2.2	5.6	0.17	5	4.9	4.9
STD DS8	Standard	14	120	0.62	270	0.106	2	0.87	0.083	0.38	2.8	0.20	1.8	5.5	0.17	5	5.0	4.9
STD DS8	Standard	16	108	0.57	277	0.111	2	0.88	0.087	0.41	3.0	0.22	2.4	5.3	0.20	5	5.9	5.0
STD DS8	Standard	14	111	0.57	246	0.109	2	0.83	0.076	0.36	2.8	0.17	1.7	5.0	0.16	4	4.8	4.7
STD DS8	Standard	15	116	0.59	280	0.107	3	0.89	0.084	0.41	3.1	0.20	2.1	5.3	0.16	5	5.7	5.1
STD DS8	Standard	16	116	0.63	284	0.114	3	0.93	0.100	0.40	3.1	0.21	2.5	5.5	0.21	5	5.4	5.5
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 01, 2011

QUALITY CONTROL REPORT DAW11000185.1

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

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		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 13, 2011
Report Date: August 30, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS DAW11000186.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-03
P.O. Number
Number of Samples: 172

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	172	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	172	Dry at 60C			WHI
1DX2	171	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: MHR
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000186.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1079550	Soil		0.9	23.0	15.1	60	<0.1	18.3	7.7	271	2.56	8.7	1.1	2.6	3.7	12	0.2	1.5	0.2	34	0.14	0.060
1079552	Soil		0.6	20.4	18.5	64	0.2	18.9	7.8	176	2.00	12.6	0.9	3.2	4.7	12	0.2	5.6	0.2	33	0.18	0.064
1079555	Soil		0.9	17.2	14.4	47	<0.1	13.0	6.0	193	2.49	10.5	0.9	0.6	3.2	9	0.2	1.6	0.2	36	0.09	0.054
1079554	Soil		0.7	22.3	12.3	58	0.2	17.3	7.1	121	1.83	10.4	1.0	6.6	4.9	14	0.2	2.1	0.2	32	0.18	0.067
1079556	Soil		0.9	18.8	17.9	66	0.2	25.1	10.7	424	2.41	16.0	0.8	2.9	4.5	12	0.2	8.2	0.2	31	0.13	0.047
1079558	Soil		1.1	21.4	21.1	79	0.6	19.9	11.4	952	2.53	12.4	0.7	<0.5	3.7	15	0.3	9.1	0.3	38	0.17	0.058
1079557	Soil		0.9	20.0	17.0	64	0.1	20.3	9.8	270	2.61	15.0	0.8	2.6	5.2	12	0.1	4.6	0.2	39	0.12	0.044
1079559	Soil		0.9	27.8	31.9	84	0.3	28.4	10.3	325	2.92	40.0	0.9	5.1	10.0	11	0.2	26.6	0.3	22	0.10	0.049
1037470	Soil		0.7	21.1	11.9	50	<0.1	17.6	6.7	184	2.28	9.2	0.6	3.5	4.6	12	0.1	0.6	0.2	32	0.11	0.039
1037472	Soil		0.8	30.2	18.7	69	<0.1	28.6	10.9	514	2.74	10.9	0.7	1.2	7.6	10	0.2	1.0	0.2	17	0.11	0.046
1037473	Soil		1.1	21.3	17.0	67	<0.1	19.9	11.3	555	2.47	13.6	0.5	2.0	4.6	11	0.3	0.7	0.2	39	0.11	0.051
1037474	Soil		0.9	23.0	9.4	64	<0.1	21.7	7.1	214	2.03	8.9	0.6	2.9	4.7	18	0.2	0.7	0.1	35	0.22	0.061
1037471	Soil		0.9	24.0	11.1	56	<0.1	20.0	8.7	306	2.26	11.3	0.6	2.6	3.1	15	0.2	0.9	0.2	34	0.18	0.060
1148691	Soil		0.7	18.3	10.2	48	<0.1	13.7	5.8	187	2.03	10.0	0.8	4.3	1.0	8	0.1	0.5	0.2	34	0.08	0.044
1148692	Soil		0.6	26.7	8.9	56	<0.1	19.5	8.4	232	2.14	12.6	0.8	2.7	3.8	11	0.1	0.7	0.2	32	0.14	0.061
1148693	Soil		0.9	17.0	10.5	53	<0.1	16.2	8.6	304	2.32	12.0	0.7	2.0	1.9	10	<0.1	0.7	0.2	35	0.12	0.064
1148695	Soil		0.8	27.7	17.1	71	<0.1	28.9	13.8	465	2.94	9.9	1.0	1.8	8.3	11	0.1	0.7	0.2	30	0.09	0.042
1148694	Soil		0.8	24.5	11.4	65	<0.1	25.4	11.0	411	2.33	11.8	1.0	4.8	5.0	14	0.2	0.7	0.2	38	0.18	0.073
1148697	Soil		0.6	9.5	9.0	31	<0.1	9.8	3.6	99	1.63	8.1	0.7	2.2	0.2	9	<0.1	0.4	0.2	32	0.08	0.033
1148696	Soil		0.9	15.5	13.1	55	<0.1	16.9	11.7	461	2.41	10.6	0.7	2.8	2.1	9	0.2	0.6	0.2	35	0.09	0.050
1148698	Soil		0.7	15.5	12.8	42	<0.1	14.6	6.0	159	1.90	9.0	0.8	0.7	1.7	9	<0.1	0.5	0.2	30	0.07	0.032
1148699	Soil		0.9	17.0	11.4	46	<0.1	14.9	6.9	181	2.35	10.6	0.8	1.4	3.8	8	<0.1	0.7	0.2	40	0.07	0.033
1148700	Soil		0.9	18.8	9.9	56	<0.1	18.8	8.7	289	2.19	9.4	0.7	4.8	3.9	11	0.2	0.7	0.2	36	0.12	0.046
1037451	Soil		0.7	27.3	11.6	55	<0.1	18.5	10.4	375	2.37	13.1	0.9	2.1	4.0	15	<0.1	0.7	0.2	38	0.18	0.055
1037452	Soil		0.8	18.3	13.2	49	<0.1	15.1	5.2	141	2.25	9.3	0.7	1.6	0.6	10	0.2	0.6	0.2	36	0.09	0.049
1037453	Soil		0.9	20.6	12.3	56	<0.1	21.3	10.5	293	2.31	11.1	0.8	2.1	5.0	8	0.2	0.8	0.2	37	0.07	0.037
1037454	Soil		0.9	12.8	11.1	50	<0.1	16.7	8.2	238	2.52	13.3	0.6	2.6	3.8	7	0.2	0.7	0.2	40	0.08	0.037
1037455	Soil		0.5	5.9	10.9	22	<0.1	6.3	2.5	68	1.45	7.0	0.5	0.9	0.2	7	0.1	0.4	0.2	40	0.05	0.036
1037456	Soil		0.7	36.5	23.7	68	<0.1	22.3	9.7	237	3.05	9.4	1.6	0.8	13.9	10	0.2	1.1	0.3	22	0.04	0.029
1037457	Soil		0.8	36.7	22.9	69	<0.1	22.0	10.2	265	3.10	10.2	1.6	3.1	13.9	11	0.2	1.0	0.3	23	0.04	0.030

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Project: MHR
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000186.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1079550	Soil		18	21	0.33	99	0.021	1	1.15	0.005	0.04	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1079552	Soil		16	25	0.36	141	0.028	1	1.08	0.005	0.04	0.2	0.05	2.3	<0.1	<0.05	3	<0.5	<0.2
1079555	Soil		16	20	0.28	53	0.019	1	1.17	0.004	0.04	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1079554	Soil		17	21	0.33	174	0.027	<1	1.02	0.005	0.04	0.3	0.05	2.4	<0.1	<0.05	3	0.6	<0.2
1079556	Soil		20	33	0.35	157	0.013	<1	1.09	0.004	0.06	0.2	0.03	2.1	0.1	<0.05	3	<0.5	<0.2
1079558	Soil		25	16	0.14	271	0.009	<1	0.93	0.005	0.13	0.1	0.03	1.5	0.2	<0.05	4	<0.5	<0.2
1079557	Soil		19	25	0.38	196	0.019	<1	1.35	0.005	0.07	0.2	0.04	2.6	0.1	<0.05	4	<0.5	<0.2
1079559	Soil		33	18	0.31	107	0.010	<1	0.93	0.003	0.09	0.1	0.02	1.8	0.1	<0.05	3	<0.5	<0.2
1037470	Soil		21	20	0.34	124	0.020	<1	1.15	0.005	0.04	0.1	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1037472	Soil		19	18	0.33	92	0.010	<1	1.09	0.003	0.04	<0.1	0.04	1.6	<0.1	<0.05	2	<0.5	<0.2
1037473	Soil		13	23	0.30	116	0.025	<1	1.19	0.005	0.04	0.2	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
1037474	Soil		15	21	0.34	204	0.041	<1	1.00	0.008	0.05	0.2	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1037471	Soil		18	21	0.32	211	0.022	<1	1.01	0.006	0.04	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1148691	Soil		15	22	0.31	115	0.015	<1	1.10	0.004	0.03	0.2	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
1148692	Soil		15	19	0.33	103	0.025	<1	1.12	0.005	0.03	0.3	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2
1148693	Soil		13	21	0.33	93	0.018	1	1.47	0.008	0.03	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1148695	Soil		26	33	0.55	81	0.023	<1	1.36	0.004	0.04	0.2	0.02	1.7	<0.1	<0.05	4	0.5	<0.2
1148694	Soil		17	29	0.43	156	0.036	<1	1.16	0.005	0.07	0.3	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
1148697	Soil		11	18	0.22	74	0.011	<1	0.97	0.004	0.03	<0.1	0.04	0.5	<0.1	<0.05	4	<0.5	<0.2
1148696	Soil		17	21	0.34	62	0.022	<1	1.04	0.004	0.04	0.1	0.03	1.2	<0.1	<0.05	4	0.6	<0.2
1148698	Soil		15	17	0.26	100	0.013	<1	0.98	0.005	0.03	0.2	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1148699	Soil		14	24	0.34	104	0.024	<1	1.45	0.005	0.03	0.2	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1148700	Soil		16	22	0.35	119	0.024	<1	1.21	0.005	0.03	0.2	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
1037451	Soil		16	22	0.41	163	0.026	<1	1.40	0.006	0.04	0.2	0.04	2.8	<0.1	<0.05	3	<0.5	<0.2
1037452	Soil		14	21	0.33	122	0.013	<1	1.25	0.005	0.04	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1037453	Soil		15	23	0.38	117	0.025	<1	1.37	0.005	0.04	0.2	0.02	2.6	<0.1	<0.05	3	<0.5	<0.2
1037454	Soil		12	23	0.35	79	0.026	<1	1.37	0.009	0.04	0.2	0.04	1.8	<0.1	<0.05	4	<0.5	<0.2
1037455	Soil		13	17	0.15	59	0.014	<1	0.99	0.003	0.02	<0.1	0.05	0.5	0.1	<0.05	6	<0.5	<0.2
1037456	Soil		40	20	0.51	117	0.013	<1	1.33	0.007	0.04	<0.1	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1037457	Soil		39	21	0.50	127	0.014	<1	1.33	0.006	0.05	<0.1	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Project: MHR
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000186.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1037458	Soil		0.6	24.1	11.7	60	<0.1	20.3	7.5	300	2.18	10.9	0.6	1.3	6.2	12	0.1	1.0	0.2	16	0.13	0.055
1037460	Soil		0.7	16.1	10.1	45	<0.1	15.7	8.1	215	2.43	11.1	0.7	1.9	3.8	8	0.1	0.7	0.2	37	0.08	0.031
1037459	Soil		0.8	25.3	16.1	64	0.1	23.3	9.1	231	2.39	10.2	1.2	4.7	2.2	11	0.1	0.7	0.2	33	0.12	0.051
1037462	Soil		0.9	19.9	27.3	79	<0.1	22.6	10.2	486	2.58	8.7	1.1	3.7	5.8	17	0.2	0.8	0.2	47	0.21	0.049
1037461	Soil		1.6	44.2	35.9	91	<0.1	34.0	18.6	533	3.99	9.1	2.3	1.3	15.9	22	0.1	1.1	0.5	18	0.02	0.044
1037464	Soil		0.6	21.2	9.3	51	<0.1	16.3	6.4	226	1.93	9.6	0.5	1.9	2.5	12	0.1	0.7	0.2	26	0.15	0.053
1037463	Soil		0.9	22.8	14.2	58	<0.1	20.4	8.2	192	2.46	9.4	0.7	3.9	4.5	13	0.1	0.7	0.2	45	0.13	0.030
1037466	Soil		0.8	18.4	13.2	49	<0.1	17.2	6.4	202	2.15	9.0	0.7	2.5	2.5	11	0.1	0.6	0.2	33	0.12	0.035
1037465	Soil		0.6	18.1	18.8	48	<0.1	15.6	7.7	280	1.88	8.5	0.6	0.9	6.1	7	0.1	0.6	0.2	14	0.07	0.032
1037467	Soil		0.7	17.2	19.8	50	<0.1	15.3	7.5	237	2.39	13.0	0.8	2.8	2.6	10	0.2	0.7	0.3	37	0.11	0.042
1037468	Soil		0.8	29.6	19.3	63	<0.1	22.0	11.6	259	2.89	8.8	1.8	1.3	9.5	13	<0.1	0.7	0.3	21	0.06	0.035
1037469	Soil		0.9	22.5	12.9	50	<0.1	16.2	7.0	208	2.32	8.6	0.9	1.1	3.4	13	<0.1	0.6	0.2	29	0.12	0.040
1076176	Soil		0.7	26.3	16.0	61	<0.1	32.7	17.4	414	2.53	8.7	1.3	0.5	6.3	9	0.1	0.6	0.3	24	0.07	0.046
1076175	Soil		1.1	34.2	22.5	77	<0.1	29.9	16.1	552	3.65	9.2	2.0	1.5	2.1	10	0.1	1.1	0.4	34	0.05	0.057
1076177	Soil		0.8	20.2	17.0	45	<0.1	20.4	8.4	213	2.54	8.3	1.1	1.1	6.1	9	0.1	0.6	0.2	26	0.06	0.035
1076178	Soil		1.0	47.2	27.4	67	<0.1	39.1	24.8	287	3.35	8.1	2.8	3.0	11.6	11	0.2	0.7	0.3	16	0.10	0.066
1076179	Soil		1.0	19.3	15.1	52	<0.1	20.8	10.5	306	2.56	10.9	0.9	3.3	6.3	8	0.1	0.6	0.2	36	0.07	0.039
1076180	Soil		1.6	48.2	26.7	60	<0.1	25.0	9.2	189	3.70	7.3	2.0	3.3	10.3	12	0.2	0.5	0.4	21	0.06	0.061
1076181	Soil		1.0	17.0	14.8	53	<0.1	19.5	10.1	413	2.58	10.8	0.9	3.5	3.9	8	0.2	0.6	0.2	32	0.06	0.031
1076182	Soil		0.9	21.9	12.8	52	<0.1	20.1	11.6	351	2.48	10.0	1.1	42.5	4.2	9	0.2	0.7	0.2	29	0.08	0.048
1076183	Soil		0.7	31.4	16.6	66	0.1	27.1	10.8	236	2.75	5.5	1.9	2.5	6.7	12	0.1	0.9	0.2	18	0.07	0.036
1076184	Soil		0.9	19.0	14.4	41	<0.1	19.1	9.6	223	2.81	11.1	0.9	2.3	5.6	7	0.1	0.6	0.2	44	0.06	0.030
1076185	Soil		0.8	20.6	15.1	48	<0.1	24.1	11.8	248	2.25	8.7	0.9	2.1	4.5	8	0.1	0.6	0.2	29	0.08	0.038
1076187	Soil		0.9	31.7	17.1	61	<0.1	25.8	14.2	290	2.78	10.5	1.4	1.6	3.4	8	0.1	0.6	0.3	30	0.06	0.041
1076188	Soil		0.8	25.6	13.8	61	<0.1	30.0	16.7	297	2.66	7.9	1.3	2.1	6.8	9	0.1	0.7	0.3	23	0.07	0.046
1076189	Soil		0.7	19.7	10.5	58	<0.1	19.9	9.7	345	2.31	11.1	0.9	3.2	3.4	13	0.2	0.8	0.2	31	0.14	0.064
1076191	Soil		0.6	18.5	11.2	52	<0.1	19.0	8.2	245	2.08	9.1	0.9	2.1	2.6	10	0.2	0.6	0.2	29	0.12	0.053
1076190	Soil		1.2	24.5	18.5	64	<0.1	16.3	12.1	518	3.23	10.5	1.4	1.5	1.9	12	0.1	0.7	0.4	36	0.05	0.052
1076192	Soil		0.9	25.8	13.9	55	<0.1	19.7	8.3	260	2.44	12.6	1.3	1.4	6.1	11	0.2	1.1	0.2	28	0.07	0.033
1076193	Soil		0.9	26.8	11.7	52	<0.1	36.8	13.2	415	2.65	11.3	0.6	2.3	1.1	15	0.1	0.7	0.2	49	0.13	0.047

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Project: MHR
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000186.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1037458	Soil		20	14	0.29	122	0.017	<1	0.76	0.003	0.03	<0.1	0.03	1.7	<0.1	<0.05	2	<0.5	<0.2
1037460	Soil		13	25	0.36	122	0.026	2	1.51	0.005	0.03	0.2	0.05	2.2	<0.1	<0.05	4	<0.5	<0.2
1037459	Soil		18	21	0.39	155	0.015	<1	1.31	0.005	0.04	0.2	0.04	1.8	<0.1	<0.05	4	0.5	<0.2
1037462	Soil		18	32	0.57	204	0.046	1	1.49	0.007	0.04	0.4	0.04	3.8	<0.1	<0.05	5	0.7	<0.2
1037461	Soil		38	21	0.63	53	0.007	<1	1.58	0.007	0.03	<0.1	<0.01	1.2	<0.1	<0.05	4	<0.5	<0.2
1037464	Soil		14	16	0.31	142	0.024	1	0.84	0.004	0.03	0.2	0.03	1.6	<0.1	<0.05	2	<0.5	<0.2
1037463	Soil		16	26	0.42	183	0.036	1	1.53	0.006	0.03	0.2	0.03	2.8	<0.1	<0.05	5	<0.5	<0.2
1037466	Soil		19	20	0.33	174	0.018	<1	1.21	0.005	0.03	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1037465	Soil		22	13	0.24	56	0.014	<1	0.65	0.004	0.03	<0.1	0.01	1.0	<0.1	<0.05	2	<0.5	<0.2
1037467	Soil		18	21	0.31	151	0.020	<1	1.28	0.004	0.03	0.2	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1037468	Soil		38	19	0.52	126	0.013	<1	1.28	0.005	0.03	<0.1	0.01	1.4	<0.1	<0.05	4	<0.5	<0.2
1037469	Soil		24	20	0.38	151	0.019	<1	1.18	0.005	0.03	0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1076176	Soil		19	16	0.36	52	0.018	<1	0.99	0.003	0.04	0.2	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1076175	Soil		21	22	0.46	73	0.014	<1	1.42	0.005	0.05	0.1	0.03	0.9	<0.1	<0.05	5	<0.5	<0.2
1076177	Soil		17	16	0.29	42	0.017	<1	1.01	0.003	0.03	0.2	0.04	1.1	<0.1	<0.05	3	0.6	<0.2
1076178	Soil		23	12	0.29	58	0.010	<1	0.86	0.004	0.04	<0.1	0.02	1.4	<0.1	<0.05	2	<0.5	<0.2
1076179	Soil		17	20	0.35	85	0.024	<1	1.29	0.004	0.04	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1076180	Soil		30	15	0.34	79	0.013	<1	1.06	0.005	0.04	0.1	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2
1076181	Soil		18	19	0.31	73	0.022	<1	1.14	0.005	0.04	0.2	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1076182	Soil		17	18	0.33	78	0.022	1	1.15	0.004	0.03	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1076183	Soil		26	13	0.26	83	0.011	<1	0.72	0.004	0.04	<0.1	0.03	1.4	<0.1	<0.05	2	<0.5	<0.2
1076184	Soil		18	18	0.35	81	0.017	<1	1.29	0.003	0.02	0.2	0.04	2.3	0.1	<0.05	5	<0.5	<0.2
1076185	Soil		17	16	0.25	71	0.017	<1	1.09	0.003	0.03	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1076187	Soil		24	19	0.42	86	0.016	<1	1.30	0.004	0.03	0.1	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1076188	Soil		20	15	0.28	49	0.015	<1	0.99	0.004	0.04	0.1	0.05	1.2	<0.1	<0.05	3	<0.5	<0.2
1076189	Soil		16	19	0.36	138	0.021	<1	1.18	0.004	0.03	0.2	0.02	2.0	<0.1	<0.05	3	0.6	<0.2
1076191	Soil		15	17	0.31	72	0.021	<1	1.02	0.003	0.03	0.2	0.04	1.2	<0.1	<0.05	3	0.6	<0.2
1076190	Soil		23	23	0.38	63	0.020	<1	1.42	0.004	0.04	0.1	0.03	1.2	<0.1	<0.05	5	0.7	<0.2
1076192	Soil		21	18	0.37	130	0.022	<1	1.09	0.006	0.03	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1076193	Soil		15	36	0.56	108	0.017	<1	1.61	0.004	0.02	0.2	0.04	2.6	<0.1	<0.05	5	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1076194	Soil		0.7	21.0	13.9	62	<0.1	20.7	12.3	288	2.35	38.7	1.0	1.2	4.9	13	0.2	4.2	0.2	24	0.07	0.039
1076195	Soil		0.7	17.6	12.8	49	<0.1	23.7	11.3	239	2.39	11.5	1.0	2.4	6.5	7	0.2	0.9	0.2	30	0.06	0.029
1076196	Soil		0.8	18.4	12.9	55	<0.1	26.2	13.7	521	2.30	10.9	0.7	2.4	3.4	8	0.1	1.0	0.2	31	0.07	0.034
1076197	Soil		0.9	17.5	12.3	52	<0.1	24.3	12.5	470	2.23	10.8	0.7	3.2	3.1	8	0.1	1.0	0.1	31	0.08	0.031
1076198	Soil		0.8	25.7	51.4	90	0.4	37.5	20.1	1046	2.53	128.6	1.5	1.7	4.7	11	1.2	5.7	0.4	24	0.07	0.033
1076199	Soil		0.7	15.1	11.2	45	<0.1	12.6	7.4	245	2.15	9.4	0.7	1.6	2.1	7	0.1	0.7	0.2	29	0.05	0.036
1076200	Soil		0.8	19.5	12.8	57	<0.1	20.3	10.1	400	2.33	11.1	0.7	3.1	1.2	8	0.2	0.8	0.2	35	0.07	0.040
1036035	Soil		0.2	26.9	25.1	43	<0.1	19.4	13.1	198	1.86	4.5	0.9	1.3	8.7	6	<0.1	2.1	0.3	7	0.04	0.016
1036036	Soil		0.8	20.9	16.4	45	<0.1	20.8	11.2	327	2.50	11.0	0.7	4.7	5.5	6	0.1	0.9	0.2	34	0.04	0.022
1036037	Soil		1.0	11.7	13.9	43	<0.1	14.1	7.7	319	2.56	11.8	0.5	2.1	2.8	8	0.1	0.7	0.2	41	0.07	0.040
1036038	Soil		0.5	13.2	8.6	58	<0.1	42.6	27.9	1053	3.50	4.1	1.2	0.5	13.0	13	0.2	0.8	0.3	19	0.08	0.042
1036039	Soil		0.9	19.6	14.7	48	<0.1	16.4	7.5	274	2.42	9.3	0.8	10.8	1.2	7	0.1	0.8	0.2	32	0.05	0.045
1036040	Soil		0.2	68.9	31.6	57	<0.1	40.7	27.4	640	3.79	2.7	0.5	1.0	9.3	7	<0.1	0.2	0.4	33	0.09	0.050
1036041	Soil		0.6	12.0	12.5	28	<0.1	9.9	4.6	157	1.73	8.0	0.5	1.2	0.7	7	<0.1	0.4	0.2	34	0.06	0.037
1036042	Soil		0.7	46.2	13.8	60	<0.1	33.0	17.3	554	2.86	6.7	0.7	2.9	5.2	8	0.2	0.9	0.2	33	0.05	0.035
1076186	Soil		0.9	30.6	18.6	60	<0.1	24.2	13.3	297	2.64	10.8	1.6	1.2	4.5	9	<0.1	0.6	0.3	28	0.06	0.042
1036043	Soil		0.7	32.4	11.7	52	<0.1	25.0	11.6	361	2.37	9.8	0.6	1.1	4.3	9	0.1	0.7	0.2	37	0.08	0.031
1110676	Soil		0.8	24.9	30.7	64	<0.1	22.8	8.9	348	2.37	15.4	1.0	3.4	4.0	13	0.5	10.1	0.2	34	0.11	0.047
1110675	Soil		1.1	46.0	10.8	78	<0.1	136.2	30.5	668	4.95	20.3	0.7	1.7	4.7	17	<0.1	4.7	0.1	83	0.19	0.055
1110677	Soil		0.8	42.0	23.8	93	0.2	35.5	14.0	588	3.50	19.6	0.9	2.0	9.2	20	0.3	10.7	0.3	29	0.17	0.065
1110678	Soil		1.2	30.8	36.0	103	0.1	23.9	13.1	566	3.20	66.1	1.3	2.6	4.6	10	0.4	26.8	0.6	21	0.03	0.050
1110679	Soil		0.8	27.1	13.5	54	<0.1	19.3	10.3	514	2.39	14.1	1.8	3.9	4.4	14	0.1	2.3	0.2	36	0.14	0.052
1110680	Soil		1.2	28.6	33.0	87	<0.1	28.7	14.4	515	3.19	36.9	1.4	8.9	7.7	10	0.4	9.0	0.3	38	0.08	0.060
1110681	Soil		0.7	27.9	20.8	74	0.1	23.3	10.5	347	2.48	27.5	1.3	8.0	8.0	17	0.3	3.3	0.2	33	0.16	0.052
1110683	Soil		1.0	40.6	31.0	89	<0.1	37.8	21.9	798	3.82	18.1	1.4	4.0	11.8	8	0.3	10.9	0.3	26	0.07	0.051
1110682	Soil		0.9	42.5	31.1	91	<0.1	39.6	21.9	794	3.80	18.2	1.4	3.1	12.5	8	0.3	11.4	0.3	25	0.07	0.049
1110684	Soil		0.7	34.4	18.9	71	<0.1	31.2	13.8	409	3.07	9.9	1.0	1.6	10.3	13	0.2	3.5	0.2	26	0.11	0.048
1110651	Soil		0.6	34.0	12.3	48	<0.1	18.0	7.9	212	2.30	10.0	1.0	4.3	2.6	13	<0.1	1.0	0.2	39	0.13	0.055
1110652	Soil		0.6	32.2	9.9	47	<0.1	19.2	8.5	266	2.32	8.3	0.8	2.8	2.4	10	0.1	0.8	0.2	41	0.12	0.050
1110653	Soil		0.8	30.6	13.2	51	<0.1	18.5	8.1	252	2.43	9.7	0.9	5.8	1.9	11	0.2	1.6	0.2	44	0.10	0.054

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Project: MHR
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000186.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1076194	Soil		17	16	0.34	64	0.017	<1	1.12	0.004	0.03	0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1076195	Soil		21	19	0.35	94	0.021	<1	1.28	0.004	0.03	0.2	0.03	1.5	<0.1	<0.05	3	0.5	<0.2
1076196	Soil		14	19	0.32	98	0.024	<1	1.20	0.004	0.04	0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1076197	Soil		14	19	0.32	95	0.025	<1	1.23	0.004	0.04	0.1	0.04	1.8	<0.1	<0.05	3	<0.5	<0.2
1076198	Soil		23	16	0.31	112	0.012	<1	1.11	0.004	0.07	0.1	0.03	1.4	0.2	<0.05	3	<0.5	<0.2
1076199	Soil		17	14	0.21	56	0.017	<1	0.82	0.003	0.04	0.1	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
1076200	Soil		15	21	0.34	111	0.018	<1	1.31	0.004	0.04	0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1036035	Soil		29	5	0.10	50	0.003	<1	0.51	0.002	0.09	<0.1	0.01	0.9	<0.1	<0.05	1	<0.5	<0.2
1036036	Soil		17	18	0.28	88	0.019	<1	1.24	0.003	0.05	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1036037	Soil		11	24	0.33	88	0.021	<1	1.48	0.004	0.03	0.2	0.06	1.8	<0.1	<0.05	4	0.6	<0.2
1036038	Soil		37	18	0.60	125	0.011	<1	1.44	0.003	0.13	<0.1	<0.01	1.6	<0.1	<0.05	4	<0.5	<0.2
1036039	Soil		18	19	0.30	78	0.013	<1	1.13	0.003	0.06	0.1	0.02	1.0	0.1	<0.05	4	<0.5	<0.2
1036040	Soil		29	53	1.16	52	0.004	<1	2.45	0.003	0.08	<0.1	0.01	3.0	<0.1	<0.05	6	<0.5	<0.2
1036041	Soil		12	15	0.21	59	0.017	<1	0.86	0.003	0.03	0.2	0.04	0.8	<0.1	<0.05	4	<0.5	<0.2
1036042	Soil		19	20	0.35	109	0.010	1	1.20	0.004	0.06	0.1	0.02	2.8	<0.1	<0.05	3	<0.5	<0.2
1076186	Soil		24	19	0.42	86	0.015	<1	1.20	0.004	0.04	0.2	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1036043	Soil		18	21	0.40	85	0.036	<1	1.15	0.004	0.05	0.2	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1110676	Soil		20	22	0.35	142	0.023	<1	1.21	0.005	0.07	0.2	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1110675	Soil		17	204	1.92	167	0.031	<1	2.82	0.005	0.05	0.1	0.03	8.0	0.1	<0.05	8	0.6	<0.2
1110677	Soil		31	21	0.46	228	0.024	<1	1.10	0.006	0.11	0.1	0.03	2.9	0.2	<0.05	3	<0.5	<0.2
1110678	Soil		46	12	0.09	57	0.006	<1	0.61	0.003	0.12	0.3	0.02	1.1	0.3	<0.05	3	<0.5	<0.2
1110679	Soil		20	21	0.37	273	0.028	<1	1.19	0.005	0.05	0.2	0.09	3.4	0.2	<0.05	3	<0.5	<0.2
1110680	Soil		25	24	0.34	110	0.020	<1	1.62	0.005	0.09	0.3	0.04	2.3	0.2	<0.05	4	<0.5	<0.2
1110681	Soil		25	21	0.45	245	0.041	<1	1.15	0.007	0.07	0.3	0.03	2.7	0.1	<0.05	4	<0.5	<0.2
1110683	Soil		38	21	0.33	107	0.016	<1	1.01	0.004	0.09	0.2	0.02	2.1	0.1	<0.05	3	<0.5	<0.2
1110682	Soil		40	21	0.32	108	0.016	<1	0.94	0.004	0.09	0.2	0.02	2.1	0.1	<0.05	3	<0.5	<0.2
1110684	Soil		33	19	0.45	162	0.016	<1	1.30	0.004	0.09	0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1110651	Soil		17	25	0.44	142	0.028	<1	1.32	0.005	0.04	0.1	0.05	2.4	<0.1	<0.05	4	<0.5	<0.2
1110652	Soil		17	27	0.47	116	0.028	<1	1.33	0.005	0.04	0.2	0.05	2.5	<0.1	<0.05	4	0.5	<0.2
1110653	Soil		17	27	0.44	147	0.019	<1	1.38	0.005	0.04	0.2	0.04	2.4	<0.1	<0.05	4	<0.5	<0.2

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Project: MHR
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000186.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1110654	Soil	0.5	148.7	11.6	90	<0.1	60.8	31.0	798	6.14	15.4	0.7	4.6	7.5	14	0.2	1.1	0.2	59	0.14	0.060
1110655	Soil	0.7	35.9	13.0	62	<0.1	26.8	11.3	401	2.74	10.9	0.8	12.6	4.2	14	0.3	2.0	0.2	44	0.14	0.055
1110656	Soil	0.7	22.5	13.6	60	<0.1	22.3	10.8	411	2.47	13.8	1.0	2.0	3.6	17	0.2	3.3	0.2	35	0.15	0.059
1110657	Soil	0.8	21.8	16.1	59	<0.1	18.1	7.8	263	2.26	11.1	1.1	2.5	3.8	13	0.1	2.1	0.2	38	0.12	0.052
1110658	Soil	1.2	11.0	14.2	40	<0.1	10.6	7.7	264	2.16	11.0	1.0	2.8	1.6	11	0.2	1.9	0.2	41	0.08	0.058
1110659	Soil	1.0	39.2	24.8	74	<0.1	34.2	16.8	313	3.00	8.6	2.0	5.4	10.2	12	0.2	7.9	0.4	28	0.08	0.049
1110660	Soil	0.7	25.9	16.2	63	<0.1	23.7	9.8	260	2.56	10.9	1.3	58.8	5.0	10	0.2	3.7	0.2	35	0.09	0.050
1110661	Soil	0.7	40.4	19.2	66	<0.1	42.8	14.3	365	2.95	12.2	1.9	2.9	10.0	11	<0.1	3.1	0.3	37	0.09	0.044
1110662	Soil	0.8	23.5	14.4	56	<0.1	19.3	9.2	292	2.27	10.9	1.3	2.9	3.4	12	0.3	2.0	0.2	34	0.12	0.060
1110664	Soil	1.3	15.2	18.5	32	<0.1	11.4	3.7	106	2.00	10.1	0.8	1.4	0.8	10	<0.1	0.7	0.3	48	0.06	0.040
1110666	Soil	0.9	16.1	19.3	44	<0.1	17.6	6.2	109	1.95	8.3	1.0	1.7	1.4	10	0.1	1.1	0.2	36	0.08	0.043
1110665	Soil	0.9	19.0	14.1	53	<0.1	22.0	10.7	251	2.73	13.0	0.9	3.9	6.2	12	0.2	0.9	0.2	42	0.11	0.056
1110667	Soil	0.7	27.7	11.7	59	<0.1	22.4	9.7	337	2.24	11.5	1.1	2.4	5.8	18	0.3	1.0	0.2	37	0.19	0.061
1110663	Soil	1.0	30.0	15.0	72	0.1	25.8	10.0	411	2.49	12.6	0.8	3.7	3.9	15	0.2	2.1	0.2	40	0.16	0.060
1110668	Soil	0.8	19.8	35.0	61	<0.1	27.4	10.1	289	2.65	42.1	1.1	3.6	5.4	11	0.6	2.9	0.2	38	0.12	0.044
1110670	Soil	1.0	33.3	15.0	84	0.3	32.6	14.2	313	2.56	8.1	1.6	4.4	6.6	20	0.3	1.2	0.2	44	0.26	0.074
1110669	Soil	1.2	53.9	21.8	91	0.1	84.9	23.9	509	3.43	12.6	1.9	3.0	8.1	20	0.3	2.0	0.2	53	0.23	0.073
1110671	Soil	0.9	26.0	10.8	69	0.2	25.6	9.3	289	2.21	9.0	1.0	2.9	5.2	19	0.3	1.1	0.2	37	0.25	0.064
1110672	Soil	0.9	26.1	11.0	68	0.1	22.5	8.4	242	2.23	10.0	0.8	5.3	4.9	18	0.2	1.1	0.2	38	0.22	0.066
1110673	Soil	0.6	26.3	8.0	57	<0.1	19.7	6.9	282	1.91	10.0	0.7	0.9	3.9	17	0.3	0.8	0.1	32	0.22	0.067
1110674	Soil	1.0	26.5	21.0	75	<0.1	29.5	10.6	348	2.70	12.9	0.8	2.7	4.5	11	0.6	4.4	0.2	36	0.13	0.050
1096238	Soil	1.0	29.1	24.8	75	<0.1	25.2	8.5	312	2.79	12.0	0.8	5.9	5.2	13	0.2	19.1	0.2	31	0.12	0.042
1096239	Soil	0.9	25.7	29.8	118	<0.1	29.3	12.5	513	2.70	16.6	0.8	3.3	5.3	13	1.0	19.3	0.2	29	0.12	0.058
1096240	Soil	1.0	30.5	20.0	88	<0.1	31.1	10.1	360	2.85	12.9	0.7	4.0	5.3	18	0.3	8.3	0.2	37	0.20	0.045
1096243	Soil	2.8	16.8	10.7	45	<0.1	15.6	6.1	240	2.32	16.1	0.4	1.3	3.9	6	<0.1	4.6	0.3	61	0.06	0.023
1096241	Soil	0.9	26.7	17.9	81	<0.1	27.5	11.8	429	2.77	12.9	0.7	3.4	4.5	15	0.4	6.1	0.2	38	0.16	0.052
1096242	Soil	0.8	29.2	19.0	80	<0.1	28.0	10.2	366	2.57	11.3	0.8	3.2	4.9	20	0.3	5.2	0.2	34	0.23	0.050
1096245	Soil	0.9	52.7	40.9	129	0.3	49.6	15.9	350	3.89	32.0	0.9	6.0	6.0	18	0.4	31.7	0.2	14	0.14	0.043
1096246	Soil	1.0	50.7	33.3	123	0.4	60.5	20.0	664	4.12	26.3	0.7	5.0	5.3	23	0.3	36.0	0.2	21	0.31	0.055
1096247	Soil	2.6	54.8	90.0	154	0.7	56.8	25.8	1261	4.24	39.9	1.6	3.8	5.0	55	1.5	47.5	0.4	15	0.80	0.079

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1110654	Soil		26	48	1.24	194	0.020	<1	2.35	0.006	0.06	<0.1	0.02	4.9	<0.1	<0.05	7	<0.5	<0.2
1110655	Soil		18	29	0.54	254	0.029	<1	1.31	0.004	0.04	0.2	0.04	3.3	<0.1	<0.05	4	<0.5	<0.2
1110656	Soil		17	23	0.41	171	0.028	<1	1.23	0.006	0.07	0.2	0.04	2.4	0.1	<0.05	4	<0.5	<0.2
1110657	Soil		21	23	0.41	144	0.034	<1	1.35	0.005	0.05	0.2	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2
1110658	Soil		17	22	0.27	146	0.019	<1	1.46	0.006	0.03	0.2	0.05	1.7	0.1	<0.05	5	<0.5	<0.2
1110659	Soil		39	23	0.48	113	0.018	<1	1.44	0.005	0.05	0.1	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
1110660	Soil		25	35	0.51	124	0.021	<1	1.43	0.004	0.04	0.1	0.05	2.4	<0.1	<0.05	4	<0.5	<0.2
1110661	Soil		31	54	0.67	184	0.027	<1	1.55	0.006	0.06	0.1	0.05	3.4	<0.1	<0.05	4	<0.5	<0.2
1110662	Soil		21	24	0.40	145	0.025	<1	1.23	0.005	0.04	0.2	0.04	2.5	<0.1	<0.05	4	0.5	<0.2
1110664	Soil		13	24	0.22	80	0.033	<1	1.18	0.006	0.04	0.1	0.05	1.2	0.1	<0.05	6	<0.5	<0.2
1110666	Soil		16	20	0.30	87	0.023	<1	1.16	0.005	0.03	0.1	0.02	1.2	0.1	<0.05	5	<0.5	<0.2
1110665	Soil		15	26	0.41	138	0.034	<1	1.75	0.006	0.05	0.2	0.05	2.5	0.1	<0.05	4	<0.5	<0.2
1110667	Soil		20	23	0.43	213	0.040	<1	1.22	0.007	0.06	0.3	0.04	3.4	<0.1	<0.05	3	<0.5	<0.2
1110663	Soil		17	25	0.43	297	0.034	1	1.27	0.005	0.05	0.2	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
1110668	Soil		20	31	0.41	148	0.025	1	1.41	0.005	0.04	0.2	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
1110670	Soil		20	48	0.65	325	0.046	1	1.50	0.008	0.05	0.3	0.05	3.6	0.1	<0.05	4	0.6	<0.2
1110669	Soil		24	120	1.06	278	0.059	1	1.81	0.006	0.06	0.3	0.04	4.7	0.1	<0.05	5	<0.5	<0.2
1110671	Soil		16	32	0.48	322	0.041	1	1.17	0.007	0.05	0.2	0.04	3.0	<0.1	<0.05	3	<0.5	<0.2
1110672	Soil		17	30	0.46	273	0.040	1	1.24	0.006	0.05	0.2	0.04	3.0	<0.1	<0.05	4	<0.5	<0.2
1110673	Soil		19	20	0.34	204	0.035	1	0.96	0.006	0.04	0.2	0.03	2.8	<0.1	<0.05	3	<0.5	<0.2
1110674	Soil		19	24	0.47	154	0.027	<1	1.41	0.005	0.07	0.2	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
1096238	Soil		26	23	0.45	133	0.027	<1	1.09	0.006	0.07	<0.1	0.02	2.0	0.1	<0.05	3	<0.5	<0.2
1096239	Soil		19	21	0.39	98	0.024	<1	1.09	0.005	0.06	0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1096240	Soil		22	26	0.53	221	0.039	1	1.19	0.007	0.07	0.1	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1096243	Soil		17	15	0.12	68	0.021	<1	0.83	0.004	0.07	0.2	0.02	1.3	<0.1	<0.05	5	<0.5	<0.2
1096241	Soil		18	26	0.49	199	0.034	<1	1.25	0.006	0.07	0.2	0.02	2.5	<0.1	<0.05	4	0.5	<0.2
1096242	Soil		19	24	0.47	301	0.034	<1	1.07	0.008	0.07	0.1	0.04	2.6	<0.1	<0.05	3	<0.5	<0.2
1096245	Soil		32	13	0.15	105	0.003	1	0.57	0.003	0.10	<0.1	0.03	2.1	0.1	<0.05	1	<0.5	<0.2
1096246	Soil		22	24	0.37	98	0.007	2	0.90	0.004	0.12	<0.1	0.03	2.8	0.1	<0.05	3	<0.5	<0.2
1096247	Soil		27	15	0.35	100	0.004	3	0.82	0.008	0.09	<0.1	0.04	2.0	<0.1	0.07	2	0.6	<0.2

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Project: MHR
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000186.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096244	Soil		1.1	25.7	88.1	125	0.1	21.4	7.1	211	2.76	56.0	0.5	3.8	5.1	11	0.7	54.1	0.2	31	0.10	0.035
1096237	Soil		1.0	26.5	103.2	71	0.1	21.4	11.4	529	2.73	77.3	0.9	3.0	5.0	10	0.3	38.9	0.3	31	0.09	0.039
1096236	Soil		0.9	25.5	101.9	70	0.1	21.0	11.2	523	2.67	76.0	0.9	3.6	5.3	11	0.3	37.3	0.3	31	0.09	0.038
1074587	Soil		1.0	20.9	66.7	70	0.2	20.5	9.7	312	2.72	19.0	0.8	3.8	3.7	8	0.4	3.7	0.2	40	0.07	0.029
1074588	Soil		0.6	27.5	27.3	63	<0.1	22.4	11.1	345	2.68	10.6	0.7	2.0	7.6	9	0.3	1.9	0.2	26	0.09	0.040
1074589	Soil		1.1	25.2	17.7	68	0.1	31.9	13.7	394	2.82	12.4	0.7	1.8	6.0	12	0.4	1.3	0.2	41	0.13	0.035
1071421	Soil		1.0	19.7	613.1	258	1.1	14.3	6.9	282	2.34	190.0	0.9	2.4	3.8	11	1.4	37.5	0.3	30	0.11	0.047
1071420	Soil		0.8	19.8	128.9	100	0.4	20.7	8.5	306	2.64	36.0	0.7	3.1	5.9	10	0.8	9.6	0.2	33	0.11	0.038
1071423	Soil		1.0	21.2	27.8	73	<0.1	23.8	10.3	495	2.61	14.2	0.9	10.6	5.7	7	0.6	3.2	0.2	37	0.06	0.020
1096139	Soil		0.9	29.3	46.2	92	0.1	30.0	11.2	448	2.69	16.6	0.9	3.1	5.7	12	0.5	11.9	0.2	35	0.14	0.045
1096137	Soil		0.9	25.6	31.4	75	0.1	26.6	13.8	466	2.78	15.5	0.9	2.8	6.0	12	0.6	5.9	0.2	35	0.12	0.043
1096138	Soil		0.8	25.6	16.8	65	<0.1	24.8	8.8	300	2.49	11.3	0.8	9.6	4.9	12	0.2	3.0	0.2	34	0.15	0.054
1096140	Soil		0.9	42.2	32.9	90	0.2	61.2	23.5	784	4.01	21.5	1.2	3.3	7.4	17	0.4	4.7	0.3	36	0.16	0.048
1096141	Soil		1.5	28.7	49.4	97	0.1	36.4	16.8	570	3.31	15.7	0.8	3.1	4.8	12	0.4	5.5	0.2	40	0.08	0.038
1071422	Soil		0.7	21.2	39.8	71	0.2	18.0	7.8	263	2.24	10.0	0.7	3.1	6.2	7	0.4	5.8	0.2	20	0.06	0.034
1096144	Soil		0.8	33.3	18.8	84	<0.1	30.4	11.4	423	2.94	10.2	0.9	2.7	5.6	14	0.2	3.3	0.2	37	0.14	0.040
1096142	Soil		0.9	25.8	25.0	98	0.1	26.7	10.9	409	2.71	10.4	0.9	3.4	5.0	14	0.4	4.7	0.2	38	0.15	0.055
1096146	Soil		0.9	20.8	19.8	73	<0.1	25.2	9.7	304	2.87	21.9	0.8	2.3	4.0	12	0.4	7.6	0.2	45	0.12	0.047
1096149	Soil		0.9	38.7	62.8	154	0.2	33.4	14.3	589	3.33	29.5	1.1	1.5	8.0	18	1.0	41.8	0.3	31	0.17	0.052
1096147	Soil		1.0	19.7	18.1	51	<0.1	19.5	7.6	234	2.60	13.6	0.8	4.8	3.1	13	0.2	2.9	0.2	42	0.12	0.037
1096143	Soil		0.9	29.4	34.3	108	0.1	28.2	11.1	449	2.80	10.1	0.9	3.8	5.5	11	0.4	9.8	0.2	33	0.10	0.035
1096145	Soil		0.8	29.6	50.2	84	0.1	27.7	10.4	410	2.79	20.5	0.9	4.0	4.6	15	0.3	5.7	0.2	34	0.15	0.047
1096148	Soil		0.8	21.7	17.0	66	<0.1	21.6	8.2	325	2.51	14.5	0.8	3.0	2.8	13	0.3	6.4	0.2	36	0.13	0.042
1096150	Soil		0.6	40.3	21.2	102	0.1	29.5	12.8	463	3.68	19.5	1.1	2.1	6.4	12	0.4	28.3	0.2	32	0.10	0.041
1037318	Soil		0.8	37.3	9.2	51	<0.1	24.2	9.8	294	2.56	6.3	0.6	2.6	3.1	9	0.1	0.6	0.1	42	0.12	0.034
1037314	Soil		0.8	20.6	12.0	37	<0.1	15.2	6.1	208	2.23	9.3	0.5	2.5	1.5	5	<0.1	0.7	0.2	40	0.05	0.025
1037312	Soil		0.6	25.9	12.5	54	<0.1	29.7	12.0	416	2.57	7.7	0.9	1.0	5.4	10	0.2	0.6	0.2	33	0.11	0.046
1037310	Soil		0.8	29.9	17.2	45	<0.1	19.2	6.2	263	2.41	4.7	1.4	2.1	7.3	6	<0.1	2.7	0.3	13	0.03	0.038
1037309	Soil		0.7	18.7	13.1	37	<0.1	16.2	6.6	200	2.29	8.4	0.6	1.7	4.6	5	<0.1	0.8	0.2	33	0.05	0.020
1037319	Soil		1.0	14.2	10.6	38	<0.1	18.5	8.3	349	2.37	7.4	0.6	2.7	4.3	6	<0.1	0.8	0.2	35	0.04	0.024

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Project: MHR
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000186.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096244	Soil	24	15	0.15	89	0.008	1	1.06	0.004	0.08	0.1	0.02	1.7	0.2	<0.05	4	<0.5	<0.2
1096237	Soil	27	18	0.30	127	0.014	<1	1.14	0.004	0.08	0.1	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1096236	Soil	28	18	0.31	126	0.015	<1	1.16	0.004	0.08	<0.1	0.02	1.7	0.1	<0.05	4	<0.5	<0.2
1074587	Soil	20	24	0.39	94	0.024	<1	1.45	0.005	0.08	0.2	0.05	2.0	0.1	<0.05	4	<0.5	<0.2
1074588	Soil	31	18	0.44	73	0.018	<1	1.35	0.004	0.13	<0.1	0.03	1.4	0.1	<0.05	4	<0.5	<0.2
1074589	Soil	18	27	0.45	168	0.034	1	1.75	0.006	0.08	0.2	0.04	2.5	0.1	<0.05	4	<0.5	<0.2
1071421	Soil	29	17	0.24	133	0.014	<1	1.10	0.004	0.10	0.1	0.06	1.5	0.2	<0.05	4	<0.5	<0.2
1071420	Soil	20	20	0.34	98	0.022	<1	1.24	0.005	0.09	0.1	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1071423	Soil	23	20	0.27	122	0.019	<1	1.30	0.004	0.08	0.2	0.04	2.3	0.1	<0.05	4	<0.5	<0.2
1096139	Soil	22	22	0.41	163	0.030	1	1.18	0.006	0.08	0.1	0.03	2.6	0.1	<0.05	3	<0.5	<0.2
1096137	Soil	22	23	0.42	137	0.029	<1	1.39	0.006	0.08	0.2	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1096138	Soil	19	23	0.42	99	0.029	1	1.35	0.005	0.07	0.2	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1096140	Soil	28	41	0.75	191	0.026	<1	1.67	0.004	0.11	0.1	0.04	2.5	0.2	<0.05	5	<0.5	<0.2
1096141	Soil	24	34	0.53	120	0.021	1	1.56	0.004	0.07	0.1	0.04	2.6	0.2	<0.05	4	<0.5	<0.2
1071422	Soil	22	15	0.25	50	0.011	<1	1.05	0.003	0.08	<0.1	0.03	1.3	0.1	<0.05	3	<0.5	<0.2
1096144	Soil	23	27	0.61	193	0.032	<1	1.45	0.005	0.08	0.1	0.04	2.6	0.1	<0.05	4	<0.5	<0.2
1096142	Soil	24	25	0.42	151	0.032	<1	1.24	0.005	0.07	0.2	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1096146	Soil	19	34	0.45	134	0.024	<1	1.39	0.004	0.06	0.1	0.03	2.5	0.1	<0.05	5	<0.5	<0.2
1096149	Soil	32	23	0.55	181	0.026	<1	1.25	0.005	0.11	<0.1	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
1096147	Soil	18	25	0.37	177	0.021	4	1.47	0.005	0.06	0.2	0.04	2.4	0.1	<0.05	5	0.5	<0.2
1096143	Soil	22	24	0.43	137	0.026	3	1.18	0.005	0.06	0.1	0.04	2.3	0.1	<0.05	3	0.6	<0.2
1096145	Soil	21	24	0.56	191	0.031	3	1.21	0.006	0.07	0.1	0.02	2.5	<0.1	<0.05	4	0.6	<0.2
1096148	Soil	19	22	0.41	167	0.021	3	1.22	0.005	0.06	0.2	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
1096150	Soil	28	30	0.80	133	0.018	2	1.65	0.004	0.09	<0.1	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1037318	Soil	15	26	0.53	131	0.037	3	1.34	0.004	0.06	0.1	0.02	2.4	0.1	<0.05	4	<0.5	<0.2
1037314	Soil	11	22	0.32	54	0.023	2	1.19	0.003	0.03	0.2	0.02	1.4	0.1	<0.05	4	0.6	<0.2
1037312	Soil	23	30	0.45	119	0.011	2	1.20	0.004	0.08	0.2	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
1037310	Soil	31	10	0.20	60	0.003	2	1.04	0.003	0.07	0.1	0.04	1.4	<0.1	<0.05	2	<0.5	<0.2
1037309	Soil	16	17	0.28	58	0.016	2	1.17	0.003	0.06	0.2	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1037319	Soil	18	20	0.30	94	0.019	2	1.18	0.003	0.06	0.2	0.02	1.5	0.1	<0.05	4	0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1037315	Soil		0.7	15.4	11.6	24	<0.1	9.4	3.4	90	1.95	8.1	0.4	<0.5	0.9	5	<0.1	0.5	0.2	41	0.04	0.028
1037313	Soil		0.7	19.5	13.0	31	<0.1	12.2	4.6	134	2.30	8.3	0.4	2.1	0.7	5	<0.1	0.5	0.2	39	0.04	0.032
1037311	Soil		0.4	36.6	17.0	52	<0.1	22.6	10.3	370	2.37	3.0	1.6	1.0	9.2	8	<0.1	0.3	0.3	9	0.02	0.028
1037316	Soil		0.5	14.6	7.8	34	<0.1	11.8	4.3	111	1.83	9.7	0.5	2.6	0.9	6	<0.1	0.5	0.1	30	0.07	0.032
1037317	Soil		0.8	17.1	11.0	44	<0.1	17.7	8.6	286	2.30	11.0	0.5	8.7	4.1	6	0.2	0.7	0.2	32	0.06	0.026
1037327	Soil		1.2	16.0	13.5	52	<0.1	17.6	9.6	343	3.26	10.2	0.6	3.4	4.0	8	<0.1	0.7	0.2	59	0.06	0.032
1037326	Soil		0.8	9.5	12.3	40	<0.1	12.0	5.4	227	2.93	11.2	0.5	6.6	2.8	6	0.1	0.6	0.2	50	0.05	0.028
1037323	Soil		0.8	43.7	9.6	52	<0.1	22.6	9.6	303	2.88	8.8	0.5	1.4	2.0	6	0.1	0.6	0.2	54	0.07	0.032
1037320	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1037324	Soil		0.8	21.3	9.3	36	<0.1	13.9	6.8	267	2.41	8.6	0.4	4.4	1.2	5	<0.1	0.6	0.2	45	0.04	0.030
1037322	Soil		0.6	52.3	9.4	51	<0.1	26.4	15.7	517	2.57	7.5	0.5	12.8	3.0	8	0.2	0.6	0.2	42	0.14	0.057
1037328	Soil		1.0	10.6	11.8	40	<0.1	12.4	6.5	249	2.91	10.6	0.5	2.9	2.2	7	0.2	0.6	0.2	49	0.06	0.034
1037330	Soil		1.0	12.8	22.3	54	<0.1	14.2	6.1	210	2.69	11.7	0.6	1.6	1.4	8	0.2	1.6	0.2	49	0.09	0.039
1037321	Soil		0.6	49.0	8.3	47	<0.1	28.4	14.8	382	2.29	7.2	0.4	3.9	2.8	9	0.2	0.7	0.1	37	0.13	0.046
1037329	Soil		1.3	10.0	23.2	33	0.1	9.3	3.6	234	1.59	6.7	0.5	3.6	0.4	8	0.3	0.9	0.2	49	0.06	0.039
1037325	Soil		1.2	22.3	20.8	109	<0.1	28.0	11.7	1034	3.05	6.5	0.5	2.9	3.8	87	0.4	0.5	0.1	59	0.34	0.092
1037332	Soil		1.0	12.5	16.6	59	<0.1	15.5	8.0	348	2.79	10.6	0.6	3.3	1.7	7	0.4	1.9	0.2	42	0.07	0.048
1037335	Soil		1.7	18.7	16.1	58	<0.1	17.0	7.5	381	2.67	12.4	0.6	15.1	3.5	11	0.2	1.4	0.2	55	0.11	0.054
1037331	Soil		1.0	7.4	15.1	31	<0.1	6.5	3.9	276	2.31	8.8	0.4	2.7	0.9	5	<0.1	0.9	0.2	46	0.03	0.025
1037333	Soil		1.7	16.0	15.3	59	<0.1	17.4	9.2	443	2.80	9.7	0.5	3.9	1.4	8	0.2	1.2	0.2	50	0.07	0.053
1037334	Soil		2.1	21.9	25.3	87	<0.1	35.2	13.1	697	3.31	17.7	0.7	19.7	5.6	24	0.2	2.6	0.2	64	0.20	0.082
1151846	Soil		0.8	14.5	27.7	62	<0.1	14.8	8.1	311	2.17	14.7	0.7	5.1	2.1	9	0.2	4.8	0.2	35	0.09	0.045

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Project: MHR
Report Date: August 30, 2011

CERTIFICATE OF ANALYSIS DAW11000186.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1037315	Soil	11	16	0.18	41	0.019	2	0.95	0.002	0.03	0.1	0.03	1.1	0.1	<0.05	4	<0.5	<0.2
1037313	Soil	11	17	0.24	39	0.015	1	0.98	0.003	0.04	0.1	0.04	1.1	<0.1	<0.05	4	0.5	<0.2
1037311	Soil	36	6	0.07	58	<0.001	1	0.54	0.004	0.13	<0.1	0.01	1.7	<0.1	<0.05	1	0.6	<0.2
1037316	Soil	10	17	0.27	56	0.017	<1	1.03	0.003	0.02	0.2	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1037317	Soil	10	22	0.35	71	0.024	2	1.32	0.004	0.03	0.2	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
1037327	Soil	15	32	0.52	59	0.051	1	1.74	0.003	0.10	0.1	0.04	2.6	0.2	<0.05	5	<0.5	<0.2
1037326	Soil	11	23	0.32	51	0.032	2	1.46	0.003	0.04	0.2	0.06	2.1	0.1	<0.05	4	0.6	<0.2
1037323	Soil	10	37	0.55	68	0.042	<1	1.44	0.003	0.08	0.2	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1037320	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1037324	Soil	9	23	0.30	49	0.045	<1	0.99	0.003	0.05	0.2	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1037322	Soil	12	25	0.52	73	0.034	1	1.13	0.003	0.07	0.2	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1037328	Soil	12	23	0.29	61	0.028	<1	1.40	0.003	0.04	0.2	0.04	1.7	0.1	<0.05	4	<0.5	<0.2
1037330	Soil	11	26	0.41	89	0.031	<1	1.52	0.004	0.04	0.2	0.03	2.0	0.2	<0.05	5	0.5	<0.2
1037321	Soil	9	22	0.45	69	0.035	<1	1.07	0.003	0.06	0.2	0.02	1.7	<0.1	<0.05	3	0.6	<0.2
1037329	Soil	14	20	0.16	81	0.020	<1	0.85	0.005	0.05	0.2	0.04	1.0	<0.1	<0.05	6	<0.5	<0.2
1037325	Soil	30	42	0.82	435	0.142	<1	1.48	0.007	0.26	0.2	0.02	3.4	0.2	<0.05	5	<0.5	<0.2
1037332	Soil	13	27	0.35	97	0.022	<1	1.30	0.004	0.05	0.2	0.03	2.0	0.1	<0.05	5	<0.5	<0.2
1037335	Soil	13	28	0.36	63	0.040	1	1.02	0.004	0.07	0.4	0.04	2.4	<0.1	<0.05	4	0.6	<0.2
1037331	Soil	11	17	0.13	49	0.030	<1	0.87	0.003	0.03	0.2	0.02	1.0	<0.1	<0.05	5	<0.5	<0.2
1037333	Soil	13	29	0.32	65	0.029	<1	1.21	0.004	0.07	0.2	0.04	1.9	0.1	<0.05	5	<0.5	<0.2
1037334	Soil	16	58	0.54	130	0.060	2	1.24	0.005	0.12	0.4	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1151846	Soil	15	19	0.26	103	0.015	<1	1.04	0.004	0.05	0.2	0.03	1.4	0.1	<0.05	4	<0.5	<0.2

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Project: MHR
Report Date: August 30, 2011

QUALITY CONTROL REPORT DAW11000186.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1037474	Soil	0.9	23.0	9.4	64	<0.1	21.7	7.1	214	2.03	8.9	0.6	2.9	4.7	18	0.2	0.7	0.1	35	0.22	0.061
REP 1037474	QC	0.8	22.6	9.6	63	<0.1	21.3	7.2	209	2.03	8.6	0.5	2.3	4.6	18	0.1	0.7	0.1	34	0.22	0.059
1148694	Soil	0.8	24.5	11.4	65	<0.1	25.4	11.0	411	2.33	11.8	1.0	4.8	5.0	14	0.2	0.7	0.2	38	0.18	0.073
REP 1148694	QC	0.8	25.6	11.6	66	<0.1	25.4	11.0	410	2.39	11.6	1.0	9.1	4.8	14	0.2	0.7	0.2	37	0.18	0.073
1076176	Soil	0.7	26.3	16.0	61	<0.1	32.7	17.4	414	2.53	8.7	1.3	0.5	6.3	9	0.1	0.6	0.3	24	0.07	0.046
REP 1076176	QC	0.8	26.5	15.9	60	<0.1	31.9	17.9	418	2.53	9.0	1.4	1.6	6.2	10	0.1	0.7	0.2	24	0.06	0.044
1076191	Soil	0.6	18.5	11.2	52	<0.1	19.0	8.2	245	2.08	9.1	0.9	2.1	2.6	10	0.2	0.6	0.2	29	0.12	0.053
REP 1076191	QC	0.6	18.6	11.6	51	<0.1	19.7	8.3	251	2.09	9.3	1.0	2.5	2.4	11	0.1	0.7	0.1	29	0.12	0.053
1110675	Soil	1.1	46.0	10.8	78	<0.1	136.2	30.5	668	4.95	20.3	0.7	1.7	4.7	17	<0.1	4.7	0.1	83	0.19	0.055
REP 1110675	QC	1.0	46.2	10.9	76	<0.1	134.0	30.2	652	4.80	19.8	0.7	1.4	4.6	16	0.1	4.6	0.2	80	0.18	0.054
1110659	Soil	1.0	39.2	24.8	74	<0.1	34.2	16.8	313	3.00	8.6	2.0	5.4	10.2	12	0.2	7.9	0.4	28	0.08	0.049
REP 1110659	QC	1.1	39.2	24.6	76	<0.1	34.5	17.1	314	3.02	8.6	2.0	1.6	10.8	12	0.2	8.0	0.3	28	0.09	0.048
1096246	Soil	1.0	50.7	33.3	123	0.4	60.5	20.0	664	4.12	26.3	0.7	5.0	5.3	23	0.3	36.0	0.2	21	0.31	0.055
REP 1096246	QC	0.9	50.5	31.9	121	0.4	58.7	19.6	649	4.04	26.3	0.7	3.4	5.0	23	0.4	33.1	0.2	19	0.30	0.053
1096237	Soil	1.0	26.5	103.2	71	0.1	21.4	11.4	529	2.73	77.3	0.9	3.0	5.0	10	0.3	38.9	0.3	31	0.09	0.039
REP 1096237	QC	0.9	26.1	100.0	70	0.1	20.9	11.0	521	2.67	75.3	0.9	2.3	5.0	10	0.3	37.1	0.3	30	0.09	0.038
1037315	Soil	0.7	15.4	11.6	24	<0.1	9.4	3.4	90	1.95	8.1	0.4	<0.5	0.9	5	<0.1	0.5	0.2	41	0.04	0.028
REP 1037315	QC	0.7	15.4	11.4	25	<0.1	9.3	3.6	98	2.08	8.4	0.4	11.0	0.9	5	<0.1	0.5	0.2	44	0.04	0.028
Reference Materials																					
STD DS8	Standard	12.3	103.5	120.5	307	1.7	35.0	7.2	580	2.35	24.7	2.4	109.9	6.3	58	2.4	5.0	6.5	40	0.68	0.075
STD DS8	Standard	13.1	109.3	129.8	319	1.9	37.9	7.7	615	2.53	25.9	3.0	118.0	7.5	71	2.5	6.1	7.2	41	0.71	0.083
STD DS8	Standard	13.4	110.0	122.6	314	1.9	38.8	7.5	629	2.51	25.0	2.6	105.7	6.7	61	2.1	5.3	6.4	42	0.73	0.080
STD DS8	Standard	12.7	109.2	119.7	315	1.8	37.4	7.5	598	2.43	24.6	2.6	123.6	6.5	60	2.2	5.7	6.6	42	0.67	0.078
STD DS8	Standard	13.3	107.6	123.6	307	1.8	37.7	7.3	617	2.51	24.9	2.6	111.9	6.7	63	2.2	5.4	6.6	42	0.70	0.077
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: MHR
Report Date: August 30, 2011

QUALITY CONTROL REPORT DAW11000186.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1037474	Soil	15	21	0.34	204	0.041	<1	1.00	0.008	0.05	0.2	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
REP 1037474	QC	15	20	0.33	203	0.040	<1	0.99	0.007	0.04	0.2	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
1148694	Soil	17	29	0.43	156	0.036	<1	1.16	0.005	0.07	0.3	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
REP 1148694	QC	16	29	0.45	157	0.035	<1	1.19	0.005	0.07	0.3	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
1076176	Soil	19	16	0.36	52	0.018	<1	0.99	0.003	0.04	0.2	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
REP 1076176	QC	20	16	0.35	52	0.017	<1	0.96	0.003	0.04	0.2	0.01	1.1	<0.1	<0.05	3	<0.5	<0.2
1076191	Soil	15	17	0.31	72	0.021	<1	1.02	0.003	0.03	0.2	0.04	1.2	<0.1	<0.05	3	0.6	<0.2
REP 1076191	QC	15	17	0.31	73	0.021	<1	1.01	0.004	0.03	0.3	0.05	1.2	<0.1	<0.05	3	<0.5	<0.2
1110675	Soil	17	204	1.92	167	0.031	<1	2.82	0.005	0.05	0.1	0.03	8.0	0.1	<0.05	8	0.6	<0.2
REP 1110675	QC	17	199	1.93	167	0.029	<1	2.81	0.005	0.05	0.1	0.04	7.8	0.1	<0.05	8	<0.5	<0.2
1110659	Soil	39	23	0.48	113	0.018	<1	1.44	0.005	0.05	0.1	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
REP 1110659	QC	39	22	0.47	115	0.018	<1	1.44	0.006	0.04	0.1	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
1096246	Soil	22	24	0.37	98	0.007	2	0.90	0.004	0.12	<0.1	0.03	2.8	0.1	<0.05	3	<0.5	<0.2
REP 1096246	QC	20	21	0.34	92	0.005	2	0.83	0.004	0.11	<0.1	0.03	2.6	0.1	<0.05	2	<0.5	<0.2
1096237	Soil	27	18	0.30	127	0.014	<1	1.14	0.004	0.08	0.1	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
REP 1096237	QC	26	18	0.30	121	0.014	<1	1.12	0.004	0.08	<0.1	0.03	1.6	0.1	<0.05	4	<0.5	<0.2
1037315	Soil	11	16	0.18	41	0.019	2	0.95	0.002	0.03	0.1	0.03	1.1	0.1	<0.05	4	<0.5	<0.2
REP 1037315	QC	12	16	0.19	45	0.020	1	0.96	0.003	0.03	0.2	0.02	1.1	0.1	<0.05	5	0.6	<0.2
Reference Materials																		
STD DS8	Standard	13	115	0.57	250	0.097	3	0.86	0.080	0.42	3.0	0.19	2.2	5.8	0.17	5	5.6	5.4
STD DS8	Standard	16	117	0.63	287	0.116	2	0.96	0.102	0.44	3.0	0.22	2.5	5.6	0.17	5	5.3	5.1
STD DS8	Standard	16	118	0.62	282	0.107	2	0.93	0.089	0.43	3.2	0.22	2.1	5.4	0.14	5	4.5	4.7
STD DS8	Standard	14	119	0.60	262	0.100	3	0.88	0.086	0.40	3.0	0.20	2.1	5.5	0.08	4	5.5	4.7
STD DS8	Standard	15	117	0.62	281	0.116	2	0.93	0.089	0.41	3.0	0.19	2.1	5.5	0.12	5	5.4	4.7
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
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www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 30, 2011

QUALITY CONTROL REPORT DAW11000186.1

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

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QUALITY CONTROL REPORT DAW11000186.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 12, 2011
Report Date: August 31, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000191.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-02
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000191.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1147979	Soil	1.0	30.5	22.8	67	0.2	24.7	16.1	768	2.91	8.1	1.9	3.6	10.0	20	0.1	0.9	0.4	25	0.14	0.046
1147980	Soil	1.0	27.5	22.8	65	0.2	22.2	14.8	486	2.90	9.0	1.2	2.2	8.9	17	0.1	1.2	0.4	30	0.14	0.046
1147981	Soil	0.8	29.6	22.9	65	0.2	23.0	10.6	245	2.49	6.9	1.8	5.0	7.4	18	0.2	1.0	0.4	28	0.13	0.046
1147978	Soil	1.0	27.1	21.6	65	0.1	23.2	13.0	502	2.73	6.3	1.9	3.0	8.9	35	0.1	0.6	0.4	25	0.31	0.049
1147977	Soil	1.0	28.6	18.4	72	0.1	25.6	16.2	951	2.68	10.5	1.7	3.8	7.9	27	0.3	1.6	0.3	26	0.24	0.062
1147887	Soil	1.0	26.7	21.4	68	0.1	27.0	11.0	281	2.84	7.3	1.8	2.7	6.9	24	<0.1	0.6	0.3	32	0.23	0.044
1147889	Soil	1.0	25.7	24.2	65	<0.1	23.7	10.9	455	3.39	10.9	0.8	1.1	8.7	8	0.1	1.1	0.3	36	0.04	0.032
1147888	Soil	1.0	23.1	17.1	55	<0.1	19.7	8.3	279	2.32	9.5	1.2	3.0	2.5	13	0.1	0.8	0.3	37	0.10	0.039
1147890	Soil	1.2	14.2	14.1	55	<0.1	12.5	5.4	276	2.91	11.7	0.5	0.9	4.6	7	0.1	0.9	0.3	47	0.04	0.035
1147895	Soil	0.7	25.4	13.1	52	0.1	19.2	11.0	327	2.05	9.3	1.1	4.7	2.7	13	0.1	0.7	0.2	28	0.11	0.055
1147896	Soil	0.6	21.6	10.6	49	0.1	17.2	7.7	250	1.79	9.3	0.8	19.2	1.6	13	0.3	0.8	0.2	31	0.13	0.061
1147897	Soil	2.0	42.7	53.6	103	0.1	30.8	15.2	560	3.56	25.2	0.9	8.1	7.5	70	0.3	7.4	0.3	61	0.66	0.079
1147892	Soil	0.8	22.2	17.2	54	0.1	18.6	10.0	390	2.10	10.8	0.9	2.2	2.0	10	0.2	0.8	0.2	31	0.10	0.044
1147891	Soil	0.6	10.6	10.0	28	0.1	8.7	3.0	101	1.44	7.2	0.7	1.2	0.7	14	<0.1	0.5	0.2	28	0.13	0.034
1147893	Soil	0.8	20.1	14.6	53	0.1	19.4	7.7	262	2.13	10.6	1.0	19.7	1.2	12	0.2	1.1	0.2	30	0.10	0.050
1147894	Soil	0.7	28.1	17.6	63	<0.1	25.9	11.2	300	2.42	9.2	1.1	4.2	4.0	13	0.2	0.8	0.2	30	0.12	0.051
1147898	Soil	1.3	42.2	27.0	88	0.2	36.1	14.3	636	3.18	11.0	1.3	2.9	7.0	84	0.2	3.5	0.2	42	1.02	0.065
1147967	Soil	1.5	35.7	33.7	81	0.2	30.5	14.8	419	3.63	11.2	2.4	1.8	18.6	27	<0.1	3.0	0.4	19	0.04	0.055
1147969	Soil	1.9	51.2	23.8	90	0.2	40.9	17.2	589	3.81	12.4	1.0	9.4	7.9	52	0.3	2.1	0.2	64	0.43	0.088
1147900	Soil	2.7	60.5	44.4	81	0.3	44.7	16.5	330	4.62	12.5	2.9	2.4	29.1	43	0.2	0.7	0.6	14	0.10	0.062
1147899	Soil	2.4	35.4	30.6	75	0.2	31.5	9.4	196	3.41	10.1	2.1	2.5	16.7	39	0.2	1.9	0.5	23	0.04	0.055
1147968	Soil	1.5	66.8	38.7	115	0.2	60.1	27.0	917	4.90	14.0	1.9	3.0	11.2	75	0.2	6.3	0.4	25	0.19	0.092
1147974	Soil	1.2	35.4	17.4	67	0.1	25.4	11.0	409	2.78	8.5	0.8	8.3	4.0	26	0.2	1.5	0.2	52	0.25	0.058
1147972	Soil	1.0	33.9	14.6	59	0.1	26.8	10.7	283	2.87	9.5	0.7	3.3	6.0	17	0.2	1.5	0.2	46	0.19	0.036
1147970	Soil	3.1	70.5	37.0	107	0.3	35.0	20.2	813	4.09	13.2	1.2	8.0	10.8	115	0.2	4.0	0.3	71	0.78	0.158
1147971	Soil	1.3	24.8	21.0	64	<0.1	25.2	12.8	608	2.76	10.5	0.7	2.5	5.5	15	0.1	1.1	0.2	40	0.13	0.037
1147973	Soil	1.4	71.2	16.3	77	0.2	39.0	17.5	485	3.65	9.1	0.9	16.0	4.6	28	0.2	1.6	0.2	69	0.36	0.048
1147976	Soil	1.0	21.4	12.9	63	<0.1	20.7	9.2	400	2.42	8.5	0.8	6.3	4.2	31	0.2	0.9	0.2	37	0.29	0.067
1147975	Soil	1.4	23.2	24.3	70	0.1	20.3	11.1	619	2.59	7.7	1.1	1.9	4.6	33	0.3	1.2	0.3	45	0.25	0.058
1074575	Soil	1.1	26.0	11.5	56	<0.1	22.4	9.0	264	3.23	74.1	1.2	2.1	7.9	22	0.2	3.7	1.4	34	0.05	0.036

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000191.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1147979	Soil	36	19	0.53	120	0.006	<1	1.27	0.004	0.03	0.1	0.03	1.5	<0.1	<0.05	4	0.7	<0.2
1147980	Soil	27	23	0.51	117	0.012	1	1.29	0.011	0.04	0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1147981	Soil	30	23	0.52	158	0.011	1	1.37	0.005	0.04	0.1	0.04	1.8	<0.1	<0.05	4	<0.5	<0.2
1147978	Soil	30	21	0.56	175	0.008	2	1.34	0.005	0.04	0.1	0.04	1.8	<0.1	<0.05	4	<0.5	<0.2
1147977	Soil	28	18	0.50	200	0.017	<1	1.07	0.005	0.04	0.2	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1147887	Soil	28	27	0.54	146	0.012	<1	1.56	0.007	0.05	<0.1	0.03	1.9	<0.1	<0.05	4	0.7	<0.2
1147889	Soil	22	26	0.45	63	0.018	<1	1.38	0.004	0.05	0.1	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1147888	Soil	20	25	0.49	134	0.019	<1	1.25	0.005	0.04	0.1	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1147890	Soil	16	21	0.31	40	0.040	<1	0.95	0.003	0.04	0.1	0.02	1.3	<0.1	<0.05	5	<0.5	<0.2
1147895	Soil	21	18	0.37	177	0.019	<1	0.92	0.005	0.04	0.3	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
1147896	Soil	17	17	0.33	134	0.023	<1	0.87	0.005	0.04	0.4	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1147897	Soil	27	33	0.76	359	0.047	1	1.41	0.007	0.12	0.2	0.03	3.7	0.2	<0.05	5	<0.5	<0.2
1147892	Soil	18	19	0.40	117	0.019	<1	1.09	0.005	0.04	0.2	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
1147891	Soil	13	14	0.23	73	0.018	1	0.75	0.005	0.03	0.1	0.04	0.8	<0.1	<0.05	3	<0.5	<0.2
1147893	Soil	17	18	0.35	152	0.019	1	1.03	0.005	0.04	0.2	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1147894	Soil	28	19	0.48	170	0.021	<1	1.21	0.005	0.04	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1147898	Soil	31	39	0.71	319	0.025	2	1.43	0.005	0.11	0.1	0.05	3.2	0.1	<0.05	4	<0.5	<0.2
1147967	Soil	52	14	0.42	45	0.006	<1	1.16	0.006	0.06	<0.1	0.04	1.2	<0.1	<0.05	4	<0.5	<0.2
1147969	Soil	27	44	0.95	286	0.065	<1	1.72	0.007	0.14	0.2	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
1147900	Soil	57	15	0.50	74	0.005	<1	1.41	0.007	0.05	<0.1	0.06	1.1	<0.1	<0.05	3	<0.5	<0.2
1147899	Soil	46	16	0.44	62	0.008	<1	1.41	0.005	0.05	<0.1	0.04	1.1	<0.1	<0.05	4	<0.5	<0.2
1147968	Soil	32	29	0.58	190	0.013	1	1.29	0.006	0.18	<0.1	0.05	2.8	0.2	0.10	3	0.5	<0.2
1147974	Soil	19	31	0.54	218	0.027	2	1.31	0.005	0.07	0.2	0.04	2.9	0.1	<0.05	4	<0.5	<0.2
1147972	Soil	19	29	0.52	159	0.024	<1	1.33	0.006	0.09	0.1	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1147970	Soil	36	45	1.02	349	0.076	<1	1.60	0.008	0.19	0.3	0.03	4.1	0.2	<0.05	6	<0.5	<0.2
1147971	Soil	19	27	0.45	133	0.020	<1	1.35	0.006	0.08	0.2	0.04	2.0	0.1	<0.05	4	0.6	<0.2
1147973	Soil	17	43	0.83	193	0.038	<1	1.76	0.005	0.09	0.2	0.04	3.8	0.1	<0.05	6	<0.5	<0.2
1147976	Soil	21	22	0.51	223	0.019	<1	1.17	0.006	0.07	0.4	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
1147975	Soil	22	24	0.46	246	0.026	2	1.26	0.007	0.08	0.2	0.05	2.8	0.1	<0.05	4	<0.5	<0.2
1074575	Soil	21	23	0.45	90	0.050	<1	1.67	0.009	0.12	0.2	0.04	1.6	0.2	0.05	5	<0.5	<0.2

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Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000191.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1074581	Soil		0.8	31.1	11.3	69	<0.1	30.8	15.6	353	2.45	85.4	1.4	4.4	8.3	22	0.3	9.3	1.3	30	0.16	0.070
1074578	Soil		0.7	35.5	13.8	45	0.2	21.9	9.6	223	2.51	161.3	1.4	9.4	6.9	27	0.3	34.5	3.4	31	0.18	0.065
1074583	Soil		0.8	19.6	11.3	59	<0.1	22.1	10.7	320	2.72	73.4	1.1	4.2	6.1	14	0.3	5.4	1.1	34	0.11	0.050
1074573	Soil		1.1	17.0	14.1	59	<0.1	21.8	11.4	524	2.54	152.0	2.5	5.2	5.3	13	0.3	3.3	4.3	36	0.10	0.048
1074580	Soil		0.7	17.1	10.2	58	<0.1	19.8	9.2	259	2.44	31.8	1.0	1.8	4.3	12	0.2	7.0	0.5	33	0.08	0.038
1074579	Soil		0.7	18.3	10.0	51	<0.1	19.3	6.4	231	2.17	25.3	0.9	3.3	4.0	12	0.2	2.5	0.5	31	0.09	0.044
1074582	Soil		0.9	22.4	10.9	49	0.1	22.3	11.5	211	2.75	94.4	1.0	5.9	4.8	15	0.2	6.5	1.3	33	0.10	0.033
1074584	Soil		0.8	19.2	9.8	68	<0.1	24.5	10.6	252	2.28	36.0	0.9	2.8	5.6	11	0.3	2.4	0.5	28	0.09	0.055
1074585	Soil		1.0	21.1	10.2	56	<0.1	20.2	12.9	306	2.60	43.2	1.1	1.3	6.6	18	0.2	1.6	1.0	29	0.07	0.043
1074586	Soil		0.8	18.6	9.2	44	<0.1	17.3	7.2	173	2.22	40.8	0.9	3.6	4.1	14	0.2	1.4	0.6	28	0.08	0.042
1074567	Soil		1.8	47.1	15.0	55	<0.1	27.0	12.3	201	3.93	84.2	2.0	2.3	11.5	9	<0.1	10.4	0.8	27	<0.01	0.037
1074566	Soil		1.2	50.0	16.9	63	<0.1	29.7	15.3	294	4.07	71.4	2.2	0.9	13.1	14	0.1	10.3	0.8	22	0.02	0.040
1074568	Soil		1.3	98.4	25.5	53	0.4	19.6	14.3	342	3.19	767.6	5.0	26.3	8.3	59	0.4	55.5	10.1	29	0.29	0.076
1074564	Soil		1.4	69.0	12.9	55	<0.1	24.1	14.8	222	3.64	117.3	1.8	3.0	8.4	27	0.2	12.6	0.9	24	0.07	0.052
1074563	Soil		0.9	33.9	8.1	43	0.1	19.2	9.1	210	2.68	75.9	1.2	3.8	5.2	14	0.2	3.9	0.7	28	0.06	0.040
1074570	Soil		0.9	57.8	13.2	46	0.2	34.7	8.1	140	4.16	26.8	2.4	1.3	13.3	41	0.1	4.9	3.2	20	0.02	0.059
1074569	Soil		1.2	31.9	13.7	49	0.2	34.5	5.8	129	3.17	31.6	1.9	2.4	0.6	21	0.3	2.7	0.9	31	0.03	0.089
1074571	Soil		1.2	26.3	9.9	42	0.2	26.1	6.1	108	3.35	24.8	1.1	1.0	10.6	34	<0.1	2.3	0.8	37	0.03	0.038
1074574	Soil		1.1	19.5	9.3	52	<0.1	20.7	10.5	273	2.47	31.7	1.0	1.3	3.7	12	0.1	1.8	0.9	35	0.06	0.030
1074577	Soil		0.7	19.3	8.6	56	<0.1	20.1	10.8	276	2.31	70.2	1.0	2.3	4.2	13	0.2	5.5	0.8	29	0.09	0.040
1074576	Soil		1.1	18.2	10.5	59	<0.1	23.7	9.7	232	3.16	59.3	0.8	1.3	6.1	22	0.2	2.2	1.4	33	0.03	0.032
1074562	Soil		0.9	27.3	10.4	35	<0.1	13.4	6.5	164	2.28	121.7	1.5	6.9	7.6	26	0.1	7.4	1.7	27	0.07	0.039
1074556	Soil		0.9	28.4	23.5	54	0.4	21.4	10.5	424	2.33	52.4	2.9	12.3	4.4	44	0.5	50.3	2.4	29	0.67	0.058
1074560	Soil		1.9	137.3	20.4	53	0.2	25.1	17.3	494	3.49	1318	4.8	21.4	5.0	37	0.5	22.7	9.6	47	0.19	0.088
1074555	Soil		0.7	25.5	12.0	54	0.1	22.6	11.4	422	2.13	69.9	1.3	20.0	2.4	40	0.3	10.4	1.1	33	0.57	0.059
1074559	Soil		5.0	365.4	170.9	78	3.0	32.0	42.8	1411	7.38	>10000	53.7	212.5	26.6	133	1.3	156.9	104.4	24	0.53	0.055
1074552	Soil		0.3	10.6	24.3	35	<0.1	9.5	11.9	321	1.48	45.2	2.7	2.4	6.6	205	0.2	1.0	0.9	27	1.72	0.068
1074553	Soil		0.7	16.3	15.8	46	<0.1	17.0	11.3	483	1.93	34.0	1.8	7.2	3.3	78	<0.1	1.2	2.2	31	0.34	0.058
1074557	Soil		0.6	22.7	28.4	55	0.2	12.6	6.7	589	1.16	20.0	0.8	11.4	2.0	84	0.8	2.2	1.8	15	1.86	0.077
1074558	Soil		0.6	28.5	18.1	35	<0.1	11.9	7.1	473	1.94	61.2	1.0	5.7	11.6	209	0.2	2.9	3.0	24	0.41	0.047

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000191.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1074581	Soil	20	20	0.43	129	0.040	<1	1.25	0.009	0.11	0.3	0.03	1.9	0.2	<0.05	3	<0.5	<0.2
1074578	Soil	19	21	0.42	121	0.041	1	1.65	0.012	0.07	0.5	0.03	2.1	0.2	<0.05	5	<0.5	<0.2
1074583	Soil	17	26	0.46	108	0.049	<1	1.42	0.007	0.10	0.3	0.03	1.9	0.1	<0.05	4	<0.5	<0.2
1074573	Soil	23	20	0.38	71	0.031	<1	1.21	0.006	0.05	0.4	0.04	1.7	0.1	<0.05	3	<0.5	<0.2
1074580	Soil	19	23	0.47	123	0.034	<1	1.52	0.006	0.08	0.2	0.02	1.8	0.2	<0.05	4	<0.5	<0.2
1074579	Soil	16	18	0.38	72	0.039	<1	1.03	0.005	0.08	0.3	0.03	1.4	0.1	<0.05	3	<0.5	<0.2
1074582	Soil	15	24	0.36	110	0.030	<1	1.52	0.005	0.08	0.3	0.03	1.8	0.2	<0.05	4	<0.5	<0.2
1074584	Soil	13	20	0.37	96	0.035	<1	1.28	0.005	0.09	0.3	0.03	1.6	0.1	<0.05	3	<0.5	<0.2
1074585	Soil	16	23	0.38	93	0.041	<1	1.60	0.005	0.12	0.3	0.02	1.6	0.2	<0.05	4	<0.5	<0.2
1074586	Soil	14	19	0.29	80	0.033	1	1.10	0.004	0.07	0.3	0.02	1.3	0.1	<0.05	3	<0.5	<0.2
1074567	Soil	27	19	0.21	61	0.020	1	0.95	0.004	0.17	<0.1	0.02	1.6	0.4	0.06	3	<0.5	<0.2
1074566	Soil	23	20	0.30	140	0.030	<1	1.07	0.011	0.25	<0.1	<0.01	1.9	0.6	0.17	3	0.7	<0.2
1074568	Soil	30	20	0.34	137	0.020	2	1.26	0.011	0.12	0.4	0.03	2.7	0.4	0.07	4	0.5	<0.2
1074564	Soil	19	17	0.30	98	0.027	1	1.10	0.010	0.12	0.2	0.01	2.0	0.2	0.07	3	0.6	<0.2
1074563	Soil	14	19	0.29	88	0.025	1	1.06	0.006	0.11	0.2	0.04	1.6	0.3	0.06	3	<0.5	<0.2
1074570	Soil	29	21	0.37	71	0.038	2	1.65	0.014	0.29	0.3	0.01	1.3	0.4	0.14	4	0.7	<0.2
1074569	Soil	15	24	0.28	78	0.020	<1	1.77	0.008	0.19	<0.1	0.07	0.6	0.4	0.13	5	0.6	<0.2
1074571	Soil	26	22	0.28	76	0.045	1	1.71	0.008	0.14	0.1	0.03	1.4	0.3	0.07	6	<0.5	<0.2
1074574	Soil	14	25	0.39	87	0.031	1	1.43	0.005	0.06	0.2	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
1074577	Soil	14	21	0.41	115	0.036	1	1.56	0.005	0.07	0.2	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
1074576	Soil	17	25	0.41	102	0.048	<1	1.68	0.005	0.15	0.2	0.03	1.6	0.2	<0.05	6	<0.5	<0.2
1074562	Soil	15	17	0.22	108	0.013	<1	1.03	0.004	0.06	0.4	0.03	2.1	0.4	0.05	3	<0.5	<0.2
1074556	Soil	27	20	0.44	138	0.027	3	1.50	0.020	0.05	0.6	0.06	2.1	0.2	<0.05	4	<0.5	<0.2
1074560	Soil	24	23	0.39	159	0.037	2	1.40	0.008	0.11	2.6	0.04	3.1	0.3	0.06	5	0.6	<0.2
1074555	Soil	18	23	0.41	160	0.033	2	1.87	0.015	0.05	0.5	0.06	1.9	0.1	0.06	6	<0.5	<0.2
1074559	Soil	100	9	0.21	170	0.010	3	0.85	0.005	0.09	1.7	0.07	5.4	0.3	<0.05	3	1.6	0.3
1074552	Soil	30	19	0.45	127	0.011	<1	3.25	0.010	0.11	0.1	0.02	1.9	0.1	<0.05	12	<0.5	<0.2
1074553	Soil	18	18	0.43	199	0.022	<1	1.40	0.008	0.04	0.4	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1074557	Soil	14	12	0.21	105	0.016	16	1.65	0.049	0.04	0.3	0.03	0.8	<0.1	0.09	4	<0.5	<0.2
1074558	Soil	23	13	0.36	233	0.005	<1	1.55	0.004	0.04	1.2	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2

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Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000191.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1074554	Soil		0.9	14.2	10.4	43	<0.1	18.1	9.1	252	2.05	23.1	0.7	10.7	2.0	19	0.2	1.0	2.6	37	0.33	0.043
1074561	Soil		0.9	27.4	10.6	38	<0.1	16.4	7.7	199	2.34	320.5	1.4	4.8	5.4	28	0.1	4.3	1.7	31	0.13	0.050
1074572	Soil		1.3	30.3	11.2	75	0.1	32.7	22.2	413	3.52	22.2	1.0	3.1	7.3	31	0.1	1.4	0.7	40	0.05	0.029
1074551	Soil		0.5	27.9	16.9	62	0.2	17.1	6.0	258	1.74	15.8	1.6	32.2	4.4	125	0.3	1.5	3.6	23	1.13	0.116
1037285	Soil		1.1	53.5	19.9	69	0.2	42.3	18.8	624	3.63	7.6	0.9	1.6	5.6	23	0.2	1.4	0.2	46	0.33	0.054
1037294	Soil		0.8	87.9	12.1	64	0.2	35.5	15.1	360	3.34	7.5	0.8	3.5	2.5	15	0.2	0.8	0.2	59	0.23	0.056
1037293	Soil		0.5	77.0	11.3	62	<0.1	34.9	17.3	453	3.42	7.1	0.5	1.4	3.2	10	0.2	0.7	0.1	55	0.11	0.040
1037292	Soil		0.7	24.2	9.6	43	<0.1	14.9	6.0	189	2.10	8.2	0.5	2.6	1.7	10	<0.1	0.6	0.1	35	0.11	0.047
1037291	Soil		0.9	42.1	25.5	61	0.2	20.5	8.4	250	2.62	8.7	0.8	4.9	1.3	12	0.2	2.2	0.2	42	0.17	0.056
1037289	Soil		0.7	55.9	6.5	50	0.1	28.0	11.5	276	2.93	6.2	0.4	1.4	1.9	9	<0.1	0.4	0.1	53	0.11	0.035
1037295	Soil		0.6	114.3	6.3	68	0.1	56.9	29.4	589	5.39	6.3	0.5	1.6	1.9	18	<0.1	0.6	<0.1	113	0.42	0.026
1037287	Soil		0.8	49.3	6.2	51	<0.1	29.6	15.1	387	2.94	5.1	0.3	1.8	2.0	10	<0.1	0.3	<0.1	57	0.15	0.036
1037296	Soil		0.8	59.2	10.5	70	0.1	34.0	18.1	419	3.75	7.6	0.8	2.3	3.5	29	0.2	0.9	0.2	68	0.46	0.052
1037286	Soil		1.1	66.6	13.2	77	0.2	53.5	18.5	516	3.95	7.2	0.8	3.5	6.9	19	0.2	1.1	0.2	56	0.29	0.066
1037290	Soil		0.7	63.0	7.0	68	<0.1	34.8	16.4	442	3.56	6.9	0.4	1.5	2.2	13	0.1	0.8	0.1	65	0.25	0.048
1037288	Soil		0.8	34.7	6.5	40	<0.1	20.1	8.9	209	2.63	5.8	0.3	1.2	1.6	8	0.1	0.4	0.2	62	0.10	0.032
1037308	Soil		0.8	17.6	19.4	66	0.1	19.7	14.4	1196	2.40	10.5	1.0	1.6	3.3	22	0.2	1.0	0.3	36	0.23	0.067
1037307	Soil		0.9	23.1	23.3	73	<0.1	22.4	12.3	968	2.52	9.6	3.2	1.3	4.6	43	0.4	0.7	0.3	28	0.23	0.061
1037306	Soil		1.2	26.6	16.6	76	<0.1	26.4	12.2	538	2.73	10.1	1.0	3.3	7.3	23	0.3	2.2	0.3	41	0.23	0.083
1037305	Soil		1.0	28.8	18.4	75	0.2	28.1	13.9	606	2.98	8.5	1.2	5.0	6.5	28	0.2	2.1	0.3	36	0.33	0.070
1037299	Soil		1.2	54.7	20.8	86	0.4	34.3	17.9	721	3.56	14.7	1.2	2.8	4.1	51	0.3	2.4	0.2	58	0.60	0.085
1037302	Soil		1.1	14.8	17.3	44	<0.1	16.7	6.7	190	2.60	12.0	0.4	2.1	4.0	10	0.1	1.8	0.2	44	0.08	0.037
1037301	Soil		1.4	50.4	33.5	114	0.4	59.7	28.3	919	5.22	19.0	2.0	2.3	14.2	77	0.2	2.3	0.5	92	0.69	0.130
1037298	Soil		1.1	76.4	24.8	84	0.3	42.8	19.5	513	4.38	14.5	1.2	2.6	4.4	41	0.2	3.4	0.2	71	0.53	0.066
1037303	Soil		0.8	21.7	16.4	69	0.1	23.5	12.0	542	2.56	7.6	1.0	1.9	4.9	51	0.2	1.7	0.2	46	0.70	0.077
1037300	Soil		1.7	45.0	37.7	102	0.2	35.7	19.1	1009	3.88	27.5	1.1	2.8	9.9	31	0.3	4.8	0.4	55	0.20	0.071
1037304	Soil		0.9	27.5	18.9	79	0.2	26.8	11.5	406	2.83	10.3	1.0	2.1	6.6	35	0.2	1.5	0.3	32	0.44	0.062
1037297	Soil		1.4	63.7	44.7	105	0.6	37.8	18.2	595	4.06	36.5	1.2	5.3	5.3	47	0.4	5.5	0.3	57	0.71	0.064
1096299	Soil		0.9	33.9	9.9	70	<0.1	31.0	13.7	264	3.08	10.5	1.6	7.5	7.8	18	0.3	1.0	0.4	39	0.11	0.057
1071490	Soil		1.3	30.5	16.3	77	<0.1	29.3	10.9	255	3.55	11.8	1.7	1.9	2.9	22	0.2	1.1	0.4	47	0.08	0.062

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1074554	Soil		12	23	0.35	123	0.039	2	1.46	0.012	0.04	0.3	0.05	1.6	<0.1	<0.05	5	<0.5	<0.2
1074561	Soil		13	17	0.22	101	0.034	2	0.96	0.007	0.09	0.5	0.03	1.6	0.3	0.06	4	<0.5	<0.2
1074572	Soil		12	27	0.50	123	0.052	<1	1.83	0.008	0.18	0.2	0.02	2.3	0.2	<0.05	6	<0.5	<0.2
1074551	Soil		18	18	0.69	155	0.026	3	1.95	0.062	0.04	0.6	0.04	2.1	<0.1	<0.05	5	<0.5	<0.2
1037285	Soil		22	57	0.83	177	0.010	<1	1.72	0.004	0.10	0.1	0.03	3.1	<0.1	<0.05	5	<0.5	<0.2
1037294	Soil		13	38	0.75	150	0.030	<1	1.78	0.005	0.13	0.2	0.04	2.7	0.1	<0.05	5	<0.5	<0.2
1037293	Soil		10	38	0.83	85	0.034	<1	1.68	0.003	0.12	0.1	0.01	2.2	0.1	<0.05	5	<0.5	<0.2
1037292	Soil		10	21	0.33	65	0.025	<1	0.94	0.003	0.04	0.2	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1037291	Soil		13	25	0.41	156	0.015	<1	1.28	0.004	0.05	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1037289	Soil		8	33	0.64	94	0.046	<1	1.39	0.003	0.10	0.2	0.03	1.6	0.1	<0.05	5	<0.5	<0.2
1037295	Soil		6	67	1.57	100	0.089	<1	2.72	0.003	0.34	0.1	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1037287	Soil		8	41	0.79	91	0.054	<1	1.53	0.003	0.13	0.2	0.02	1.5	0.1	<0.05	5	<0.5	<0.2
1037296	Soil		12	43	1.09	183	0.036	1	2.02	0.004	0.10	0.1	0.02	3.8	<0.1	<0.05	6	<0.5	<0.2
1037286	Soil		26	65	1.02	144	0.027	2	1.82	0.004	0.13	0.1	0.02	4.0	<0.1	<0.05	5	<0.5	<0.2
1037290	Soil		9	40	0.90	149	0.061	2	1.72	0.004	0.19	0.1	0.02	2.1	0.1	<0.05	5	<0.5	<0.2
1037288	Soil		9	33	0.57	64	0.045	2	1.43	0.005	0.06	0.2	0.04	1.8	0.1	<0.05	5	<0.5	<0.2
1037308	Soil		22	25	0.43	262	0.013	<1	1.23	0.005	0.07	0.3	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1037307	Soil		18	20	0.35	147	0.019	2	0.95	0.005	0.06	0.2	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1037306	Soil		28	30	0.48	191	0.045	2	1.17	0.005	0.09	0.2	0.03	2.6	0.1	<0.05	4	<0.5	<0.2
1037305	Soil		28	25	0.41	309	0.014	1	1.31	0.005	0.10	0.2	0.03	3.1	0.1	<0.05	4	<0.5	<0.2
1037299	Soil		19	37	0.80	236	0.025	1	1.72	0.006	0.10	0.2	0.03	4.2	0.1	<0.05	5	<0.5	<0.2
1037302	Soil		16	27	0.31	61	0.022	<1	1.04	0.003	0.05	0.2	0.03	1.4	<0.1	<0.05	5	<0.5	<0.2
1037301	Soil		30	110	1.72	390	0.135	2	2.23	0.006	0.38	0.2	0.02	5.8	0.7	<0.05	8	<0.5	<0.2
1037298	Soil		19	44	1.13	180	0.042	1	2.19	0.004	0.13	0.1	0.03	4.5	0.1	<0.05	6	<0.5	<0.2
1037303	Soil		21	46	0.62	289	0.039	2	1.24	0.006	0.11	0.2	0.03	3.3	0.2	<0.05	4	<0.5	<0.2
1037300	Soil		28	46	0.76	205	0.036	1	1.54	0.005	0.14	0.1	0.02	3.5	0.2	<0.05	5	<0.5	<0.2
1037304	Soil		22	25	0.49	249	0.018	1	1.20	0.005	0.08	0.2	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2
1037297	Soil		20	37	0.83	206	0.019	2	1.87	0.005	0.12	0.1	0.04	4.2	0.1	<0.05	5	<0.5	<0.2
1096299	Soil		24	26	0.54	137	0.062	1	1.45	0.006	0.17	0.2	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1071490	Soil		24	32	0.56	137	0.050	1	2.13	0.007	0.17	0.2	0.03	2.0	0.2	<0.05	6	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000191.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096300	Soil		0.8	24.8	13.2	69	<0.1	23.4	10.5	359	2.79	13.9	1.3	2.3	4.5	14	0.2	1.0	0.5	39	0.08	0.049
1071489	Soil		1.3	32.2	18.4	86	0.1	33.2	13.4	384	3.48	14.3	1.7	1.2	3.6	25	0.2	1.2	0.4	45	0.12	0.072
1071488	Soil		1.3	23.8	16.8	70	<0.1	26.1	9.8	347	3.24	18.1	1.3	2.5	1.2	18	0.2	1.1	0.5	50	0.08	0.071
1071492	Soil		0.7	23.5	8.6	64	<0.1	25.8	8.1	204	2.34	10.3	1.4	3.9	6.0	17	0.2	0.8	0.2	35	0.13	0.054
1071493	Soil		0.8	20.9	8.9	62	<0.1	25.0	7.3	220	2.16	13.4	1.4	2.1	4.4	14	0.1	0.8	0.3	33	0.11	0.050
1071491	Soil		1.0	26.2	12.7	70	<0.1	30.4	9.8	245	2.90	9.8	1.6	1.1	5.5	17	0.1	1.0	0.3	37	0.08	0.041
1071495	Soil		0.8	18.9	9.4	66	<0.1	21.2	19.4	547	2.27	10.8	1.2	2.4	3.7	12	0.2	0.8	0.2	35	0.09	0.057
1071487	Soil		0.8	21.1	11.7	62	<0.1	24.2	9.1	288	2.55	12.5	1.2	8.4	3.5	15	0.1	0.9	0.3	38	0.07	0.045
1071494	Soil		0.7	28.2	9.0	66	<0.1	29.7	19.4	270	2.10	9.0	1.8	1.6	6.2	15	0.3	0.7	0.2	32	0.13	0.063
1071496	Soil		0.7	18.4	9.9	68	<0.1	21.3	23.2	629	2.28	11.5	1.2	1.0	3.8	10	0.3	0.7	0.2	35	0.08	0.057
1071497	Soil		1.0	19.2	16.1	65	0.1	19.2	12.7	1071	2.45	12.7	1.0	1.2	0.7	14	0.4	1.6	0.3	41	0.10	0.068
1071498	Soil		0.7	26.5	12.3	68	0.1	25.3	8.8	264	2.31	9.3	1.1	5.1	6.1	17	0.2	1.2	0.2	35	0.17	0.071
1071499	Soil		0.9	28.2	14.9	80	0.1	27.4	10.6	354	2.67	11.0	1.4	2.5	5.7	15	0.3	1.0	0.3	42	0.13	0.072
1071500	Soil		0.8	30.1	20.1	92	0.2	33.9	10.6	316	2.94	10.9	1.2	1.5	3.9	14	0.4	1.8	0.3	44	0.09	0.056
1071426	Soil		0.7	35.2	14.4	82	0.2	39.2	14.9	462	3.34	30.6	1.3	8.5	4.5	19	0.4	0.8	0.7	48	0.11	0.059
1071425	Soil		0.7	24.3	10.0	64	0.1	28.6	12.0	443	2.56	26.0	0.9	3.6	3.0	15	0.2	0.8	0.9	41	0.09	0.052
1071345	Soil		0.4	33.4	9.2	75	0.1	39.0	12.8	392	3.04	52.3	1.1	17.4	9.4	19	0.3	1.2	0.7	42	0.12	0.049
1071424	Soil		0.7	30.8	20.6	96	0.2	35.7	11.5	315	2.96	11.2	1.2	1.8	3.9	14	0.5	1.7	0.3	44	0.09	0.053
1096287	Soil		0.6	27.4	11.0	50	<0.1	36.5	20.8	360	2.94	11.1	1.6	1.4	7.6	13	0.1	1.2	0.3	31	0.10	0.048
1096294	Soil		0.7	56.0	21.0	86	0.2	53.7	40.4	613	4.24	84.9	4.8	3.7	16.3	91	0.3	1.3	2.0	41	0.38	0.069
1096295	Soil		0.7	30.4	35.2	63	<0.1	28.3	25.7	601	2.39	38.1	1.7	2.8	7.8	82	0.3	1.2	0.6	29	0.21	0.055
1096297	Soil		0.7	19.3	11.7	63	<0.1	22.5	11.6	314	2.49	23.1	1.0	3.0	4.1	14	0.2	0.7	0.3	35	0.09	0.041
1096296	Soil		0.6	21.9	11.5	61	<0.1	22.1	11.2	341	2.50	19.1	1.0	2.6	5.9	12	0.2	0.8	0.3	34	0.09	0.031
1096290	Soil		1.2	32.8	17.8	75	0.1	26.9	12.9	352	3.15	12.4	1.7	3.8	4.6	42	0.2	1.4	0.4	39	0.08	0.076
1096292	Soil		1.9	68.0	26.2	75	0.3	24.0	6.9	223	5.22	9.6	3.8	5.5	26.3	97	<0.1	1.6	1.4	34	0.04	0.074
1096288	Soil		1.0	27.0	22.9	78	0.1	27.6	15.0	336	2.86	18.6	1.8	5.1	7.6	37	0.3	1.1	0.4	30	0.12	0.070
1096298	Soil		0.9	20.2	14.4	65	<0.1	21.1	9.5	350	2.86	14.4	1.3	1.9	2.0	15	0.2	1.1	0.3	43	0.09	0.062
1096289	Soil		1.4	42.7	20.9	81	<0.1	34.5	15.7	338	3.51	17.0	1.9	4.3	5.7	67	0.2	1.3	0.6	41	0.08	0.062
1096291	Soil		0.8	37.4	26.8	86	0.1	42.6	27.0	502	3.19	17.7	2.7	9.2	11.4	68	0.2	1.3	0.6	36	0.28	0.080
1096293	Soil		2.8	99.6	39.0	115	0.4	37.1	16.1	389	5.79	10.9	4.0	2.6	19.3	65	0.2	1.9	0.9	46	0.03	0.066

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Client: **Ryan Gold Corp.**
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Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000191.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096300	Soil	19	24	0.47	108	0.042	2	1.54	0.005	0.11	0.3	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1071489	Soil	22	34	0.58	170	0.056	1	2.07	0.007	0.22	0.2	0.02	2.3	0.2	<0.05	6	<0.5	<0.2
1071488	Soil	19	33	0.45	134	0.036	1	1.81	0.006	0.14	0.2	0.04	1.5	0.2	<0.05	6	<0.5	<0.2
1071492	Soil	22	25	0.46	164	0.047	1	1.36	0.005	0.10	0.3	0.02	2.3	0.1	<0.05	4	<0.5	<0.2
1071493	Soil	20	25	0.47	87	0.039	1	1.39	0.005	0.08	0.2	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
1071491	Soil	25	29	0.55	110	0.053	1	1.81	0.006	0.16	0.3	0.02	2.2	0.2	<0.05	5	<0.5	<0.2
1071495	Soil	19	22	0.43	84	0.037	1	1.30	0.004	0.05	0.3	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
1071487	Soil	18	27	0.48	109	0.044	1	1.55	0.005	0.10	0.2	0.02	2.0	0.2	<0.05	5	<0.5	<0.2
1071494	Soil	24	22	0.44	122	0.040	<1	1.27	0.006	0.07	0.2	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
1071496	Soil	18	22	0.43	83	0.033	<1	1.31	0.004	0.04	0.3	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1071497	Soil	18	27	0.44	119	0.024	2	1.41	0.005	0.09	0.2	0.04	1.3	0.1	<0.05	4	<0.5	<0.2
1071498	Soil	26	29	0.49	100	0.042	<1	1.42	0.005	0.12	0.2	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
1071499	Soil	26	37	0.62	148	0.044	1	1.73	0.007	0.11	0.2	0.03	3.3	0.1	<0.05	5	<0.5	<0.2
1071500	Soil	25	46	0.66	141	0.043	<1	1.99	0.006	0.22	0.1	0.03	2.7	0.2	<0.05	5	<0.5	<0.2
1071426	Soil	22	56	0.66	176	0.078	1	2.04	0.007	0.30	0.2	0.02	3.0	0.3	<0.05	6	<0.5	<0.2
1071425	Soil	20	45	0.57	140	0.060	<1	1.62	0.005	0.21	0.1	0.02	2.2	0.2	<0.05	5	<0.5	<0.2
1071345	Soil	24	46	0.58	154	0.089	<1	1.77	0.006	0.42	0.2	0.01	2.9	0.3	<0.05	6	<0.5	<0.2
1071424	Soil	25	46	0.65	136	0.042	1	1.93	0.005	0.23	0.1	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
1096287	Soil	25	24	0.65	101	0.021	1	1.66	0.006	0.15	0.2	0.02	1.5	0.3	<0.05	5	<0.5	<0.2
1096294	Soil	43	28	0.83	139	0.052	<1	2.53	0.010	0.52	0.7	0.01	4.1	0.4	<0.05	7	<0.5	<0.2
1096295	Soil	26	21	0.44	99	0.030	<1	1.49	0.008	0.17	0.5	0.03	2.0	0.1	<0.05	5	<0.5	<0.2
1096297	Soil	19	23	0.47	129	0.039	<1	1.41	0.005	0.10	0.3	0.02	2.0	0.1	<0.05	4	<0.5	<0.2
1096296	Soil	20	22	0.45	133	0.043	1	1.38	0.005	0.08	0.4	0.03	1.9	0.1	<0.05	4	<0.5	<0.2
1096290	Soil	28	27	0.56	114	0.033	<1	1.77	0.012	0.13	0.2	0.02	1.8	0.1	0.06	6	<0.5	<0.2
1096292	Soil	52	33	0.97	106	0.070	<1	2.24	0.023	0.54	0.2	<0.01	3.0	0.4	0.26	7	0.7	<0.2
1096288	Soil	32	21	0.53	134	0.029	<1	1.42	0.012	0.09	0.3	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1096298	Soil	21	24	0.47	178	0.033	<1	1.64	0.006	0.10	0.3	0.01	2.1	0.2	<0.05	5	<0.5	<0.2
1096289	Soil	32	29	0.67	157	0.036	<1	1.99	0.013	0.19	0.2	0.04	2.3	0.2	0.09	6	<0.5	<0.2
1096291	Soil	35	22	0.76	208	0.068	<1	2.06	0.010	0.26	0.2	0.02	3.4	0.3	<0.05	6	<0.5	<0.2
1096293	Soil	35	34	1.05	115	0.046	<1	2.71	0.012	0.58	0.1	<0.01	3.8	0.3	0.21	7	0.7	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096222	Soil	0.9	20.5	10.8	56	0.1	20.1	6.9	179	2.44	34.2	1.2	8.6	2.2	15	0.1	1.4	0.3	33	0.10	0.042
1096224	Soil	0.7	23.2	9.9	59	<0.1	19.0	8.5	229	2.42	47.2	1.2	8.1	5.4	16	0.2	1.7	1.0	32	0.12	0.051
1096225	Soil	0.7	28.0	9.0	48	<0.1	16.7	5.3	138	2.25	66.2	1.2	9.0	2.9	16	0.2	1.7	2.2	32	0.11	0.051
1096226	Soil	0.7	26.1	9.1	54	0.1	18.6	7.7	216	2.30	69.9	1.1	7.5	3.6	15	0.2	2.5	1.3	31	0.13	0.059
1096223	Soil	0.9	26.4	10.2	61	<0.1	23.5	10.4	265	2.57	44.1	1.1	3.9	7.0	17	0.2	2.3	0.6	34	0.14	0.057
1071394	Soil	1.0	56.6	24.5	67	0.2	42.8	31.5	550	3.48	154.2	3.0	2.7	15.7	44	0.2	1.7	1.0	30	0.21	0.062
1071393	Soil	0.9	71.1	21.0	75	0.3	37.2	34.7	637	4.23	196.0	4.2	22.2	16.0	153	0.3	1.8	4.0	41	0.45	0.061
1071395	Soil	2.0	66.7	25.9	111	0.2	54.5	45.8	1113	5.10	69.1	3.9	154.9	12.8	82	<0.1	0.8	6.5	66	0.28	0.058
1096202	Soil	1.2	67.0	20.6	68	0.2	39.0	25.4	440	4.25	109.6	3.6	7.6	16.8	89	0.2	1.4	1.9	39	0.35	0.056
1096201	Soil	0.8	75.1	21.7	74	0.3	36.9	35.2	643	4.40	218.6	4.5	34.0	15.8	163	0.2	1.8	4.7	43	0.47	0.067
1096203	Soil	1.0	48.6	17.1	77	0.2	27.7	15.5	369	3.48	78.9	2.8	9.4	11.2	42	0.1	1.2	2.1	40	0.28	0.064
1096204	Soil	0.7	60.4	18.9	72	0.2	29.2	18.9	420	3.75	116.0	3.6	13.0	14.2	65	0.2	1.3	3.1	44	0.34	0.070
1096205	Soil	0.9	39.3	14.3	77	0.2	27.2	12.7	320	3.26	32.8	2.1	3.9	7.3	29	0.1	1.1	0.8	39	0.16	0.057
1096206	Soil	2.7	44.7	30.2	129	0.2	88.6	45.9	2091	4.87	57.9	7.5	2.8	11.3	243	0.5	1.1	0.8	41	0.36	0.126
1096207	Soil	1.6	62.5	18.0	89	0.1	93.9	32.1	744	4.55	86.7	3.2	3.4	7.8	98	0.2	2.9	1.1	53	0.15	0.084
1096208	Soil	1.1	57.8	23.9	90	0.1	41.1	20.2	516	5.15	105.7	2.2	12.6	10.3	20	0.2	19.1	0.9	29	0.04	0.054
1096209	Soil	1.3	46.4	21.1	89	0.1	34.1	15.2	482	4.47	88.4	1.9	4.4	5.2	18	0.3	14.6	0.7	33	0.05	0.062
1096220	Soil	0.9	57.3	13.4	70	0.2	37.7	19.9	442	3.48	204.9	2.1	13.6	8.6	20	0.2	26.6	1.3	35	0.11	0.062
1096221	Soil	0.9	40.1	12.4	72	0.1	30.0	13.8	391	2.98	119.5	1.7	12.6	6.2	22	0.4	11.6	0.9	35	0.16	0.069
1096219	Soil	1.5	92.5	14.1	52	0.3	32.1	11.8	201	4.65	432.6	2.0	6.2	12.0	20	0.1	59.0	1.9	31	0.02	0.051
1096218	Soil	1.5	41.5	17.0	51	0.4	22.1	6.7	158	3.60	198.9	1.7	4.1	2.7	17	0.2	22.3	1.2	39	0.05	0.061
1096217	Soil	1.0	25.1	13.6	65	<0.1	24.5	9.1	260	2.88	80.1	1.5	37.1	5.2	20	0.2	3.2	0.4	32	0.11	0.058
1096216	Soil	1.3	53.2	16.8	90	0.1	42.9	22.9	566	4.47	211.0	2.5	5.0	9.8	28	0.2	15.5	1.8	30	0.05	0.054
1096215	Soil	0.9	104.8	21.6	41	1.1	18.0	6.4	181	4.82	1341	2.4	30.3	12.7	20	0.2	19.3	8.8	28	0.03	0.059
1096210	Soil	0.9	21.8	11.5	51	<0.1	21.1	9.2	256	2.57	23.4	0.8	4.4	5.2	14	0.3	2.6	0.3	31	0.16	0.077
1096211	Soil	1.7	48.3	18.7	73	0.2	32.9	13.7	304	5.22	47.6	2.9	7.3	3.4	17	<0.1	3.4	0.7	43	0.08	0.080
1096212	Soil	1.7	37.2	19.1	63	0.2	27.7	12.0	359	3.71	56.7	2.3	3.4	1.6	15	0.2	4.4	1.0	49	0.06	0.083
1096214	Soil	1.2	55.3	12.2	76	0.1	36.4	14.8	320	3.36	115.4	1.8	4.7	8.4	28	0.2	6.4	1.0	39	0.18	0.069
1096213	Soil	0.9	41.5	10.8	55	0.1	25.3	12.4	393	2.90	118.2	1.3	11.5	5.0	15	0.3	5.9	1.2	32	0.11	0.066
1148688	Soil	0.9	20.6	18.1	58	0.2	20.7	11.5	667	2.23	8.9	0.8	9.2	2.2	13	0.3	0.8	0.2	33	0.12	0.056

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000191.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096222	Soil		20	22	0.39	155	0.035	<1	1.31	0.006	0.09	0.3	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1096224	Soil		20	22	0.40	122	0.047	<1	1.32	0.006	0.12	0.5	0.02	1.9	0.2	<0.05	4	<0.5	<0.2
1096225	Soil		22	20	0.35	94	0.038	<1	1.16	0.006	0.09	1.2	0.04	1.5	0.1	<0.05	4	<0.5	<0.2
1096226	Soil		17	20	0.35	97	0.036	<1	1.16	0.006	0.09	0.9	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1096223	Soil		20	22	0.40	123	0.049	<1	1.31	0.006	0.12	0.5	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
1071394	Soil		46	28	0.73	94	0.043	<1	2.10	0.010	0.39	0.3	0.04	2.5	0.4	<0.05	6	<0.5	<0.2
1071393	Soil		39	29	0.96	152	0.071	<1	2.71	0.010	0.49	1.1	0.01	4.3	0.5	<0.05	8	0.5	<0.2
1071395	Soil		30	46	1.34	182	0.114	<1	3.64	0.015	1.01	0.3	0.02	6.4	0.5	<0.05	11	<0.5	0.3
1096202	Soil		39	31	0.96	134	0.064	<1	2.77	0.011	0.60	0.5	<0.01	3.6	0.6	<0.05	8	<0.5	<0.2
1096201	Soil		38	30	1.00	165	0.069	<1	2.79	0.011	0.48	1.1	0.02	4.4	0.5	<0.05	8	0.5	<0.2
1096203	Soil		33	29	0.78	169	0.068	<1	2.42	0.008	0.32	0.6	0.02	3.7	0.3	<0.05	7	<0.5	<0.2
1096204	Soil		38	31	0.90	192	0.075	<1	2.72	0.012	0.43	0.9	0.03	4.2	0.4	<0.05	8	<0.5	<0.2
1096205	Soil		29	30	0.61	142	0.060	<1	2.08	0.008	0.20	0.3	0.04	2.9	0.2	<0.05	6	<0.5	<0.2
1096206	Soil		32	34	0.86	284	0.028	<1	3.01	0.008	0.19	0.2	0.03	6.3	0.2	<0.05	7	0.8	<0.2
1096207	Soil		25	112	1.07	162	0.050	<1	2.99	0.012	0.27	0.2	0.04	3.4	0.3	0.05	9	0.8	<0.2
1096208	Soil		32	22	0.39	126	0.020	1	1.78	0.008	0.26	0.2	0.04	2.6	0.5	<0.05	5	<0.5	<0.2
1096209	Soil		28	22	0.38	109	0.025	1	1.73	0.007	0.21	0.2	0.02	2.2	0.4	<0.05	5	<0.5	<0.2
1096220	Soil		25	30	0.51	118	0.052	2	1.55	0.011	0.22	0.5	0.03	2.6	0.3	0.05	5	<0.5	<0.2
1096221	Soil		23	26	0.47	135	0.050	<1	1.39	0.009	0.16	0.4	0.04	2.2	0.2	<0.05	4	<0.5	<0.2
1096219	Soil		25	43	0.50	108	0.043	<1	1.64	0.015	0.43	0.6	0.02	2.7	0.5	0.11	5	0.6	<0.2
1096218	Soil		22	31	0.41	104	0.039	1	1.75	0.009	0.17	0.4	0.05	1.8	0.3	0.06	6	<0.5	<0.2
1096217	Soil		25	22	0.41	110	0.043	<1	1.47	0.008	0.14	0.3	0.03	1.7	0.1	<0.05	5	<0.5	<0.2
1096216	Soil		34	24	0.51	131	0.037	<1	1.93	0.012	0.25	0.6	0.03	2.0	0.3	0.05	5	<0.5	<0.2
1096215	Soil		26	30	0.40	137	0.041	<1	1.41	0.024	0.39	0.6	0.03	2.8	0.5	0.18	4	2.1	<0.2
1096210	Soil		15	20	0.33	50	0.040	1	1.02	0.006	0.06	0.5	0.04	1.6	<0.1	<0.05	2	<0.5	<0.2
1096211	Soil		17	30	0.52	132	0.035	2	2.11	0.006	0.13	0.3	0.05	2.3	0.3	0.06	6	0.6	<0.2
1096212	Soil		18	32	0.43	119	0.032	1	1.82	0.006	0.09	0.5	0.06	1.8	0.3	0.07	6	<0.5	<0.2
1096214	Soil		20	30	0.53	131	0.064	1	1.28	0.011	0.16	0.6	0.02	2.5	0.3	0.06	4	0.6	<0.2
1096213	Soil		18	24	0.34	81	0.041	2	0.98	0.008	0.12	0.8	0.03	1.7	0.2	0.06	3	<0.5	<0.2
1148688	Soil		15	20	0.35	151	0.016	<1	1.05	0.004	0.06	0.2	0.04	1.6	0.1	<0.05	3	0.5	<0.2

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Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000191.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1148690	Soil	1.2	74.0	16.8	79	0.2	50.4	20.4	593	3.76	6.4	0.9	5.0	5.8	26	0.1	1.1	0.2	57	0.35	0.065
1148687	Soil	0.6	15.9	14.6	44	0.1	14.3	5.6	190	1.66	6.1	0.7	4.5	1.5	9	0.1	0.5	0.2	29	0.08	0.042
1148689	Soil	0.8	26.5	18.6	62	0.2	21.9	12.4	566	2.48	8.5	0.8	6.2	3.5	14	0.2	1.8	0.2	34	0.13	0.057
1076096	Soil	0.8	10.3	11.0	30	<0.1	10.2	3.9	144	1.77	6.4	0.7	2.5	0.7	9	0.1	0.5	0.2	32	0.08	0.032
1076097	Soil	1.0	19.7	19.8	53	0.1	20.9	14.5	549	2.38	7.2	1.2	2.7	3.5	12	0.1	0.5	0.3	30	0.10	0.058
1076098	Soil	0.8	15.3	15.3	50	<0.1	18.7	9.2	233	2.03	5.2	1.0	1.3	2.7	10	0.1	0.4	0.2	24	0.09	0.048
1076099	Soil	0.9	30.3	26.3	64	0.2	23.8	10.1	254	2.77	5.2	1.9	1.8	12.0	18	<0.1	0.5	0.3	23	0.11	0.046
1076100	Soil	0.7	23.9	12.2	51	<0.1	21.0	9.3	333	2.07	8.0	0.9	4.5	3.7	12	<0.1	0.7	0.2	30	0.13	0.044
1031439	Soil	0.8	19.6	14.5	48	<0.1	19.7	7.7	274	2.02	7.7	0.8	2.1	1.7	11	0.1	0.6	0.2	29	0.10	0.044
1031440	Soil	0.8	26.6	17.0	61	0.1	28.3	12.4	342	2.43	6.8	1.1	3.8	3.3	10	0.1	0.9	0.2	26	0.11	0.051
1031441	Soil	0.8	22.8	14.4	51	<0.1	27.6	11.7	321	2.21	9.2	0.8	3.3	3.0	9	0.1	1.4	0.2	30	0.10	0.048
1031442	Soil	0.9	25.2	21.9	62	0.1	21.6	10.1	280	2.28	6.1	1.3	5.7	5.1	12	0.2	0.6	0.2	22	0.09	0.042
1031443	Soil	0.7	16.1	11.3	41	<0.1	15.1	8.7	341	1.87	8.1	0.7	3.8	0.8	8	<0.1	0.5	0.1	31	0.08	0.044
1031444	Soil	0.7	20.0	11.3	49	<0.1	17.8	7.3	249	2.00	8.6	0.9	2.6	1.2	12	0.1	0.6	0.2	30	0.10	0.050
1031445	Soil	0.8	21.2	13.2	46	<0.1	16.0	6.4	209	2.05	8.5	1.0	8.7	1.4	10	0.1	0.6	0.2	27	0.09	0.047
1031446	Soil	0.7	20.0	11.0	45	<0.1	15.3	6.5	220	1.96	7.8	1.0	14.8	1.9	12	<0.1	0.6	0.2	26	0.10	0.045
1031447	Soil	1.2	25.1	16.5	60	<0.1	20.8	9.6	252	2.37	8.3	1.3	28.4	3.1	13	0.1	1.1	0.2	29	0.09	0.050
1031448	Soil	1.0	17.6	11.2	52	<0.1	16.8	9.4	393	2.15	8.5	0.7	11.0	1.1	11	0.1	0.6	0.2	37	0.10	0.051
1031449	Soil	0.5	21.1	9.3	50	<0.1	19.7	8.4	262	1.86	9.6	0.7	3.8	3.1	11	0.1	0.7	0.1	25	0.11	0.049
1031450	Soil	1.0	31.3	19.9	60	<0.1	31.8	13.6	389	2.53	9.4	1.6	3.1	5.4	13	0.2	1.8	0.2	26	0.10	0.050
1148678	Soil	0.9	41.8	18.8	79	0.1	51.1	15.1	424	3.61	10.8	1.2	2.8	6.5	28	<0.1	1.2	0.2	49	0.23	0.055
1148679	Soil	0.9	61.7	14.4	81	0.2	64.5	19.0	605	3.94	9.3	1.2	1.9	6.1	67	0.2	0.5	0.2	60	0.61	0.073
1148680	Soil	0.9	26.7	14.1	60	<0.1	26.0	9.7	290	2.55	7.5	0.7	1.7	2.9	19	<0.1	0.7	0.2	37	0.12	0.045
1148681	Soil	0.7	29.7	15.0	60	0.1	24.8	12.0	543	2.28	6.6	1.2	4.1	6.7	16	0.1	0.7	0.2	26	0.16	0.045
1148682	Soil	0.9	29.7	20.0	65	0.1	23.5	11.5	658	2.44	7.8	1.0	1.8	5.7	16	0.1	1.1	0.2	30	0.15	0.045
1148683	Soil	0.6	34.6	16.3	66	0.1	26.0	10.4	465	2.58	6.8	1.2	6.0	7.7	19	0.1	0.7	0.2	29	0.20	0.050
1148684	Soil	0.7	41.1	18.3	69	0.2	31.0	13.7	286	2.63	5.4	1.1	3.2	8.5	27	0.2	0.8	0.2	33	0.34	0.059
1148685	Soil	0.8	22.0	13.0	57	0.1	21.0	8.9	343	2.21	8.0	0.7	46.8	3.5	14	0.1	0.7	0.1	36	0.15	0.052
1148686	Soil	0.6	13.0	15.6	50	<0.1	16.3	9.0	335	1.83	5.5	0.7	2.0	1.8	10	0.1	0.5	0.1	30	0.09	0.047
1110600	Soil	0.8	16.1	17.7	32	0.1	9.8	3.7	121	1.89	6.3	1.4	3.2	0.9	9	<0.1	0.7	0.2	33	0.05	0.131

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1148690	Soil	22	55	0.96	168	0.033	<1	1.79	0.004	0.13	<0.1	0.02	3.9	0.1	<0.05	5	<0.5	<0.2
1148687	Soil	14	17	0.29	125	0.014	<1	0.97	0.004	0.05	0.2	0.03	1.4	0.1	<0.05	3	<0.5	<0.2
1148689	Soil	19	22	0.39	138	0.015	<1	1.05	0.004	0.07	0.2	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1076096	Soil	16	15	0.23	98	0.017	<1	0.77	0.003	0.03	0.2	0.03	0.8	<0.1	<0.05	3	0.5	<0.2
1076097	Soil	22	20	0.39	99	0.013	1	1.14	0.005	0.04	0.2	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1076098	Soil	21	17	0.35	114	0.013	<1	1.02	0.004	0.03	0.2	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1076099	Soil	39	19	0.46	123	0.006	<1	1.29	0.004	0.04	<0.1	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1076100	Soil	17	20	0.40	140	0.023	<1	1.02	0.005	0.03	0.1	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1031439	Soil	16	21	0.35	141	0.013	<1	1.05	0.004	0.03	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1031440	Soil	26	22	0.43	85	0.016	<1	1.04	0.003	0.05	0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
1031441	Soil	22	32	0.45	88	0.016	<1	1.08	0.003	0.03	0.1	0.02	1.8	<0.1	<0.05	3	0.6	<0.2
1031442	Soil	27	17	0.40	99	0.014	1	0.98	0.003	0.04	0.1	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1031443	Soil	14	20	0.33	90	0.018	<1	0.90	0.003	0.03	0.2	0.01	1.0	<0.1	<0.05	3	<0.5	<0.2
1031444	Soil	16	20	0.33	88	0.020	<1	0.95	0.004	0.03	0.2	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1031445	Soil	18	16	0.30	88	0.018	<1	0.86	0.003	0.03	0.1	0.03	1.0	<0.1	<0.05	3	0.5	<0.2
1031446	Soil	17	17	0.33	81	0.020	<1	0.82	0.004	0.03	0.2	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1031447	Soil	24	20	0.38	122	0.020	<1	1.04	0.004	0.04	0.2	0.04	1.5	<0.1	<0.05	3	<0.5	<0.2
1031448	Soil	15	20	0.36	97	0.027	<1	1.08	0.004	0.04	0.2	0.03	1.3	<0.1	<0.05	3	0.7	<0.2
1031449	Soil	15	15	0.28	95	0.023	<1	0.77	0.004	0.03	0.2	0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
1031450	Soil	23	22	0.40	93	0.016	<1	0.96	0.004	0.03	0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1148678	Soil	23	51	0.94	152	0.044	<1	1.74	0.006	0.11	<0.1	0.03	3.6	0.2	<0.05	6	0.5	<0.2
1148679	Soil	22	76	1.34	128	0.065	<1	2.12	0.005	0.20	<0.1	0.03	5.3	0.2	<0.05	6	<0.5	<0.2
1148680	Soil	19	24	0.48	90	0.029	<1	1.14	0.006	0.09	0.2	0.02	1.7	0.1	<0.05	4	<0.5	<0.2
1148681	Soil	28	21	0.43	139	0.018	1	1.04	0.004	0.06	0.1	0.03	2.0	<0.1	<0.05	3	0.7	<0.2
1148682	Soil	24	19	0.40	209	0.020	1	1.06	0.005	0.05	0.2	0.03	2.4	<0.1	<0.05	3	0.6	<0.2
1148683	Soil	27	23	0.50	178	0.025	<1	1.11	0.005	0.07	0.1	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1148684	Soil	26	30	0.57	178	0.031	<1	1.14	0.005	0.10	0.1	0.02	2.8	0.1	<0.05	3	<0.5	<0.2
1148685	Soil	17	25	0.42	162	0.027	1	1.03	0.004	0.07	0.2	0.02	2.0	<0.1	<0.05	3	0.6	<0.2
1148686	Soil	14	18	0.32	133	0.014	<1	1.02	0.004	0.05	0.2	0.02	1.2	<0.1	<0.05	3	0.6	<0.2
1110600	Soil	18	15	0.11	35	0.006	<1	0.70	0.004	0.04	<0.1	0.07	0.2	0.1	0.06	4	0.7	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000191.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1110601	Soil	1.1	49.5	21.5	79	0.1	7.7	4.0	172	5.73	3.8	1.9	9.4	19.8	16	<0.1	0.8	0.7	17	0.02	0.057
1110602	Soil	1.3	54.7	11.1	84	0.1	56.6	31.5	371	4.20	15.9	2.0	4.2	13.3	88	0.2	1.4	0.4	59	0.24	0.090
1110603	Soil	1.2	23.5	15.9	53	<0.1	18.3	9.8	209	2.68	9.4	1.0	3.1	2.7	15	0.2	0.8	0.3	41	0.06	0.042
1110604	Soil	0.9	43.6	41.4	72	0.1	20.3	8.8	226	3.46	9.9	2.2	3.3	7.6	41	0.2	1.2	0.5	31	0.05	0.056
1110605	Soil	0.9	29.8	20.7	62	<0.1	22.4	11.2	269	3.02	12.1	1.5	6.1	7.4	22	0.2	0.7	0.3	36	0.06	0.046
1110606	Soil	0.8	28.1	16.2	53	<0.1	21.7	10.1	222	2.72	9.0	1.5	6.8	5.9	25	0.2	0.9	0.3	34	0.05	0.039
1110607	Soil	0.8	28.8	12.7	52	<0.1	17.0	11.7	200	2.77	8.3	1.2	3.4	3.5	8	0.2	2.0	0.3	28	0.04	0.046
1110608	Soil	0.8	24.9	13.0	55	<0.1	23.6	14.4	274	2.34	10.0	1.3	2.1	4.0	11	0.2	1.1	0.2	29	0.08	0.052
1110609	Soil	0.6	22.2	11.9	51	<0.1	21.6	10.6	294	2.19	10.0	1.0	2.2	5.9	11	0.2	0.7	0.2	29	0.13	0.062
1110610	Soil	0.9	24.1	18.3	53	<0.1	22.9	8.7	175	2.89	11.6	1.0	4.7	2.2	8	0.2	0.7	0.2	34	0.07	0.055
1110611	Soil	0.8	20.2	13.4	57	<0.1	22.5	11.5	346	2.39	11.5	0.7	3.2	2.2	7	0.2	0.6	0.2	33	0.06	0.042
1110632	Soil	0.4	39.7	35.9	93	<0.1	55.8	37.5	448	3.02	9.1	1.4	3.2	9.3	10	0.2	0.6	0.3	25	0.12	0.042
1110625	Soil	6.6	58.4	103.7	56	0.2	14.0	6.9	209	4.12	13.2	1.6	17.4	12.4	11	0.1	1.5	1.3	23	0.02	0.052
1110624	Soil	1.0	21.2	21.4	55	<0.1	23.5	13.6	342	3.08	14.2	1.1	2.9	4.8	10	0.2	1.5	0.3	39	0.05	0.038
1110627	Soil	2.2	80.6	79.3	98	0.2	39.6	21.6	555	5.20	6.5	5.1	5.7	23.5	76	0.2	1.5	1.2	13	0.04	0.081
1110626	Soil	1.9	77.8	82.0	97	0.2	37.4	19.5	544	5.10	6.2	5.0	6.8	25.2	88	0.2	1.3	1.3	14	0.04	0.083
1110629	Soil	0.7	16.8	13.7	44	<0.1	15.5	7.9	212	2.37	11.8	0.7	1.6	2.6	7	0.2	0.8	0.2	35	0.07	0.038
1110628	Soil	0.8	16.2	14.2	45	<0.1	16.3	7.4	220	2.49	11.6	0.7	2.1	2.4	8	0.1	0.7	0.2	35	0.07	0.039
1110630	Soil	0.9	14.7	10.9	37	<0.1	12.5	5.3	146	2.22	10.4	0.8	2.7	0.9	7	<0.1	0.6	0.2	40	0.07	0.036
1110631	Soil	0.9	17.3	15.7	50	<0.1	22.1	9.4	256	2.55	12.4	0.8	<0.5	0.9	6	0.2	0.7	0.2	37	0.05	0.036
1151728	Soil	0.6	38.7	37.3	91	<0.1	56.0	37.4	456	3.02	8.3	1.5	3.2	10.7	10	0.2	0.6	0.3	21	0.11	0.042
1110613	Soil	1.0	29.5	12.5	62	<0.1	35.9	22.4	952	3.64	15.9	0.6	<0.5	4.3	18	0.2	0.6	0.2	62	0.21	0.077
1110612	Soil	0.5	23.8	11.1	61	<0.1	33.2	19.0	484	2.61	10.2	1.0	1.5	7.9	11	0.2	0.7	0.2	23	0.12	0.046
1110614	Soil	0.7	12.1	10.2	38	<0.1	15.5	7.6	225	2.03	11.1	0.5	1.8	2.9	7	<0.1	0.6	0.2	32	0.07	0.029
1110615	Soil	0.9	22.4	15.3	49	<0.1	16.1	7.2	208	2.51	8.9	1.0	3.8	4.4	9	0.1	0.6	0.2	31	0.05	0.033
1110616	Soil	0.8	20.5	14.8	48	<0.1	15.3	7.5	210	2.37	9.6	1.1	0.7	1.2	9	0.1	0.5	0.2	28	0.05	0.046
1110617	Soil	1.1	29.4	22.8	67	<0.1	27.3	25.6	997	3.42	7.4	1.8	7.2	7.7	22	0.1	0.8	0.4	28	0.05	0.059
1110618	Soil	1.3	42.5	20.1	59	0.1	22.3	13.9	264	2.53	13.9	2.4	5.8	2.6	24	0.2	1.2	0.5	46	0.13	0.073
1110619	Soil	1.6	20.7	12.9	65	0.1	20.5	9.3	369	2.41	12.3	3.8	3.1	1.2	51	0.2	0.8	0.2	51	0.29	0.083
1110620	Soil	2.1	72.7	25.3	78	0.1	93.9	66.5	587	4.32	7.6	3.9	1.4	13.4	80	0.3	0.8	0.5	24	0.06	0.071

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Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000191.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1110601	Soil		29	26	0.87	28	0.008	3	1.67	0.009	0.05	<0.1	0.02	1.1	<0.1	0.16	5	1.2	<0.2
1110602	Soil		27	21	0.91	129	0.078	2	2.43	0.029	0.39	0.2	0.02	2.4	0.5	0.18	6	0.7	<0.2
1110603	Soil		17	18	0.29	63	0.020	1	1.14	0.007	0.04	0.2	0.03	0.9	0.1	0.09	4	<0.5	<0.2
1110604	Soil		39	20	0.42	67	0.021	2	1.29	0.016	0.09	0.2	0.03	1.3	<0.1	0.14	4	1.2	<0.2
1110605	Soil		26	21	0.41	78	0.028	1	1.34	0.009	0.06	0.2	0.02	1.5	<0.1	0.06	4	0.7	<0.2
1110606	Soil		22	18	0.35	57	0.028	2	1.09	0.008	0.06	0.2	0.04	1.3	<0.1	0.06	4	<0.5	<0.2
1110607	Soil		19	15	0.26	44	0.012	<1	0.99	0.003	0.04	0.1	0.04	0.9	0.1	<0.05	3	0.7	<0.2
1110608	Soil		19	18	0.34	60	0.023	2	1.01	0.004	0.04	0.1	0.02	1.1	<0.1	<0.05	3	0.8	<0.2
1110609	Soil		17	17	0.30	61	0.026	<1	0.84	0.003	0.03	0.2	0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
1110610	Soil		17	19	0.32	44	0.020	2	1.10	0.003	0.03	0.2	0.04	1.0	<0.1	<0.05	4	0.8	<0.2
1110611	Soil		15	19	0.32	66	0.021	<1	1.07	0.003	0.03	0.1	0.03	1.3	<0.1	<0.05	3	1.1	<0.2
1110632	Soil		47	20	0.73	86	0.010	<1	1.71	0.002	0.03	<0.1	0.01	1.1	<0.1	<0.05	5	0.5	<0.2
1110625	Soil		42	20	0.42	48	0.010	<1	1.22	0.004	0.03	<0.1	0.02	1.2	<0.1	<0.05	4	2.1	0.4
1110624	Soil		27	24	0.40	60	0.026	1	1.46	0.003	0.03	0.1	0.04	1.5	<0.1	<0.05	5	0.7	<0.2
1110627	Soil		57	21	0.74	48	0.004	<1	1.56	0.004	0.03	<0.1	<0.01	1.8	<0.1	<0.05	4	0.8	<0.2
1110626	Soil		60	22	0.81	47	0.003	<1	1.56	0.005	0.04	<0.1	<0.01	1.6	<0.1	<0.05	4	0.7	<0.2
1110629	Soil		15	18	0.27	54	0.023	1	1.07	0.003	0.02	0.2	0.04	1.0	<0.1	<0.05	4	0.6	<0.2
1110628	Soil		15	19	0.28	57	0.022	1	1.04	0.003	0.02	0.2	0.04	1.1	<0.1	<0.05	4	1.3	<0.2
1110630	Soil		12	19	0.26	79	0.025	2	1.27	0.003	0.02	0.2	0.03	1.1	0.1	<0.05	4	1.2	<0.2
1110631	Soil		14	19	0.28	47	0.016	<1	1.30	0.004	0.02	0.2	0.04	0.8	<0.1	<0.05	4	1.5	<0.2
1151728	Soil		49	18	0.74	84	0.008	<1	1.71	0.002	0.02	<0.1	0.02	1.0	<0.1	<0.05	4	0.8	<0.2
1110613	Soil		30	26	0.83	116	0.016	1	2.02	0.003	0.03	0.2	0.04	3.5	<0.1	<0.05	7	0.9	<0.2
1110612	Soil		29	19	0.48	101	0.014	<1	1.34	0.003	0.04	0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1110614	Soil		13	16	0.27	74	0.024	<1	1.00	0.003	0.02	0.2	0.02	1.4	<0.1	<0.05	3	0.6	<0.2
1110615	Soil		17	18	0.32	58	0.017	<1	1.20	0.004	0.02	0.2	0.03	1.2	<0.1	<0.05	4	0.6	<0.2
1110616	Soil		24	15	0.30	36	0.016	2	0.90	0.003	0.03	0.2	0.01	0.6	<0.1	<0.05	3	1.1	<0.2
1110617	Soil		37	23	0.47	43	0.022	1	1.33	0.004	0.04	0.2	0.04	1.2	<0.1	<0.05	4	0.6	<0.2
1110618	Soil		23	31	0.41	70	0.042	<1	1.11	0.007	0.04	1.5	0.02	1.6	0.1	<0.05	4	1.0	<0.2
1110619	Soil		16	29	0.40	143	0.036	<1	1.30	0.007	0.05	0.4	0.04	1.8	0.2	<0.05	5	0.9	<0.2
1110620	Soil		62	21	0.48	60	0.009	<1	1.54	0.010	0.04	<0.1	0.01	1.3	<0.1	<0.05	4	0.9	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1110621	Soil		1.1	16.2	20.1	64	<0.1	18.5	8.6	430	2.41	10.6	1.6	<0.5	1.4	11	0.2	1.0	0.2	49	0.13	0.053
1110622	Soil		1.2	25.9	37.3	111	<0.1	46.5	33.8	658	2.99	10.4	1.9	0.7	6.4	25	0.3	1.4	0.2	63	0.33	0.108
1110623	Soil		0.8	13.9	25.0	46	<0.1	17.2	9.2	251	2.45	11.0	1.0	1.9	3.1	10	0.2	4.9	0.2	31	0.05	0.042
1076159	Soil		0.8	13.6	14.0	46	0.1	16.4	7.7	206	2.16	7.3	0.7	3.2	3.7	12	<0.1	0.4	0.2	34	0.13	0.046
1076160	Soil		1.1	35.2	21.2	80	0.2	37.2	17.0	437	3.05	7.5	1.8	2.0	8.9	25	0.2	0.5	0.3	48	0.28	0.064
1076161	Soil		0.9	22.2	17.4	67	0.1	24.8	10.6	279	2.74	8.3	1.3	4.3	6.5	17	0.3	0.5	0.3	38	0.15	0.050
1076162	Soil		0.9	24.1	17.1	65	0.1	27.3	11.2	255	2.55	7.6	1.4	6.7	6.0	29	0.1	0.5	0.3	41	0.29	0.047
1076163	Soil		1.1	42.0	24.6	69	0.2	51.9	18.3	421	3.43	10.7	2.1	3.3	9.5	29	<0.1	1.1	0.4	37	0.23	0.047
1076164	Soil		1.1	43.3	24.2	68	0.2	51.0	17.3	403	3.39	10.7	2.0	2.9	9.8	29	0.2	1.1	0.4	36	0.22	0.047
1076165	Soil		1.1	33.4	20.8	65	0.2	36.5	13.7	328	2.93	8.8	1.5	2.8	9.1	22	<0.1	0.7	0.4	38	0.15	0.041
1076168	Soil		1.4	23.3	22.3	62	<0.1	26.2	12.7	331	3.07	10.9	1.2	1.2	9.2	16	0.2	0.8	0.3	44	0.11	0.028
1076166	Soil		1.3	31.6	22.5	68	0.1	34.0	15.8	307	2.99	9.5	1.8	1.0	8.3	24	0.1	0.8	0.3	36	0.16	0.040
1076167	Soil		1.3	40.3	31.3	76	0.1	56.1	20.2	497	3.48	18.1	2.7	2.0	14.7	22	0.2	0.9	0.4	35	0.12	0.044
1148898	Soil		0.9	27.7	19.8	63	0.1	28.1	10.8	252	2.45	6.6	1.8	2.9	5.3	23	0.1	0.9	0.3	32	0.20	0.056
1148897	Soil		1.3	28.2	22.1	72	0.1	27.3	16.6	461	3.45	10.8	1.5	1.8	9.9	24	0.1	1.3	0.3	35	0.22	0.053
1148900	Soil		0.9	33.5	23.1	82	0.2	34.7	18.3	1004	3.12	8.6	1.6	1.9	10.6	22	0.1	1.0	0.4	31	0.24	0.053
1148899	Soil		0.9	27.2	17.5	68	0.1	24.5	11.3	341	2.62	6.8	1.5	1.2	7.8	30	0.1	0.7	0.3	34	0.29	0.052
1076151	Soil		0.7	25.3	18.5	60	0.1	22.0	9.5	258	2.51	6.4	1.6	2.2	7.2	21	0.1	0.6	0.3	31	0.20	0.053
1076152	Soil		0.7	22.0	17.0	67	<0.1	24.8	11.4	348	2.39	5.7	1.4	1.3	8.4	21	0.2	0.6	0.3	31	0.20	0.049
1076153	Soil		0.7	23.3	22.7	65	0.2	28.1	10.0	285	2.31	5.7	1.6	2.2	5.7	30	0.3	0.5	0.3	33	0.29	0.053
1076154	Soil		0.8	23.8	21.2	68	0.2	32.4	13.5	504	2.57	6.9	2.9	2.6	6.7	31	0.2	0.5	0.3	36	0.30	0.059
1076155	Soil		0.8	19.5	13.6	65	0.1	26.6	14.2	418	2.20	4.9	2.2	1.2	4.9	23	0.2	0.4	0.2	33	0.22	0.049
1076156	Soil		1.0	22.2	19.4	62	0.1	22.3	12.7	423	2.70	10.4	1.2	1.2	4.4	16	0.2	0.6	0.3	42	0.16	0.055
1076172	Soil		2.2	62.5	48.8	101	0.2	73.6	27.1	559	3.67	13.6	7.8	1.7	13.3	33	0.2	1.6	0.5	29	0.19	0.050
1076171	Soil		1.6	54.4	43.2	118	0.3	63.2	32.3	719	4.21	8.1	4.3	3.0	20.0	37	0.2	1.4	0.6	21	0.13	0.042
1076173	Soil		1.2	18.6	44.2	104	<0.1	23.5	11.4	344	2.75	14.3	1.1	2.3	8.3	21	0.7	2.3	0.4	41	0.17	0.028
1076174	Soil		0.9	28.1	18.8	53	<0.1	22.9	9.0	222	2.63	12.9	1.5	2.6	3.6	16	0.1	0.7	0.3	37	0.10	0.039
1076170	Soil		1.4	48.7	31.7	97	0.2	64.8	23.2	520	3.80	8.5	5.4	2.7	18.0	42	0.2	1.0	0.5	32	0.27	0.049
1076169	Soil		1.1	30.0	21.0	67	0.2	26.7	12.4	261	2.90	9.2	2.0	1.6	9.0	21	<0.1	0.7	0.3	40	0.15	0.033
1076158	Soil		0.9	24.5	15.9	66	<0.1	24.3	10.0	245	2.55	8.1	1.1	1.8	5.8	17	0.2	0.6	0.2	37	0.17	0.051

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Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000191.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1110621	Soil		16	32	0.44	114	0.031	<1	1.38	0.004	0.04	0.2	0.03	1.9	0.2	<0.05	5	0.7	<0.2
1110622	Soil		32	51	0.80	253	0.088	<1	1.82	0.004	0.20	0.3	0.02	4.5	0.4	<0.05	6	0.7	<0.2
1110623	Soil		20	21	0.39	72	0.021	<1	1.30	0.004	0.03	0.1	0.02	1.5	<0.1	<0.05	3	1.4	<0.2
1076159	Soil		19	27	0.35	111	0.018	<1	1.04	0.004	0.03	0.3	0.03	1.5	<0.1	<0.05	3	1.0	<0.2
1076160	Soil		32	58	0.77	281	0.040	<1	1.55	0.006	0.06	0.2	0.03	3.4	0.1	<0.05	5	1.2	<0.2
1076161	Soil		25	29	0.44	195	0.017	<1	1.31	0.008	0.04	0.2	0.03	2.2	<0.1	<0.05	4	0.9	<0.2
1076162	Soil		21	37	0.53	221	0.016	1	1.41	0.006	0.04	0.2	0.05	2.3	<0.1	<0.05	4	0.5	<0.2
1076163	Soil		30	59	0.66	213	0.010	<1	1.72	0.005	0.04	0.1	0.03	2.7	<0.1	<0.05	5	0.6	<0.2
1076164	Soil		29	56	0.64	198	0.009	<1	1.69	0.005	0.04	0.1	0.04	2.6	<0.1	<0.05	5	<0.5	<0.2
1076165	Soil		28	50	0.65	155	0.016	1	1.54	0.005	0.04	0.1	0.03	2.2	<0.1	<0.05	5	<0.5	<0.2
1076168	Soil		23	28	0.50	125	0.020	<1	1.61	0.006	0.05	0.2	0.03	1.9	<0.1	<0.05	5	<0.5	<0.2
1076166	Soil		30	31	0.57	169	0.024	1	1.53	0.006	0.05	0.2	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
1076167	Soil		40	79	0.80	117	0.017	<1	1.67	0.006	0.05	0.2	0.03	2.6	<0.1	<0.05	5	0.6	<0.2
1148898	Soil		24	26	0.53	175	0.015	1	1.43	0.006	0.04	0.2	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
1148897	Soil		29	24	0.57	154	0.020	1	1.39	0.005	0.04	0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
1148900	Soil		30	28	0.59	162	0.019	<1	1.40	0.005	0.07	0.1	0.04	2.4	<0.1	<0.05	4	<0.5	<0.2
1148899	Soil		24	23	0.51	196	0.019	2	1.37	0.006	0.05	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1076151	Soil		26	23	0.50	165	0.017	1	1.33	0.005	0.04	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1076152	Soil		27	24	0.51	167	0.024	<1	1.24	0.005	0.04	0.3	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1076153	Soil		23	30	0.50	236	0.016	1	1.34	0.006	0.04	0.2	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
1076154	Soil		26	27	0.50	176	0.018	<1	1.40	0.006	0.04	0.2	0.05	2.5	<0.1	<0.05	4	0.8	<0.2
1076155	Soil		21	29	0.46	181	0.018	<1	1.35	0.008	0.04	0.2	0.05	2.2	<0.1	<0.05	4	0.6	<0.2
1076156	Soil		22	31	0.50	175	0.021	<1	1.44	0.005	0.04	0.3	0.03	2.2	<0.1	<0.05	5	<0.5	<0.2
1076172	Soil		29	22	0.43	99	0.019	1	1.71	0.008	0.05	0.2	0.03	2.7	<0.1	<0.05	4	0.6	<0.2
1076171	Soil		49	28	0.75	68	0.006	<1	1.76	0.007	0.05	<0.1	0.02	1.9	<0.1	<0.05	5	0.9	<0.2
1076173	Soil		22	24	0.38	119	0.022	<1	1.43	0.005	0.05	0.2	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
1076174	Soil		23	23	0.39	109	0.022	<1	1.31	0.005	0.04	0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1076170	Soil		48	66	0.87	89	0.012	<1	1.93	0.006	0.05	0.1	0.03	3.1	<0.1	<0.05	6	0.9	<0.2
1076169	Soil		26	33	0.58	179	0.033	<1	1.55	0.006	0.04	0.2	0.03	2.3	<0.1	<0.05	5	<0.5	<0.2
1076158	Soil		23	30	0.52	173	0.026	<1	1.29	0.005	0.04	0.2	0.02	2.1	<0.1	<0.05	4	0.6	<0.2

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Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000191.1

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1076157	Soil		0.9	24.7	16.7	68	<0.1	24.8	10.0	249	2.58	8.2	1.2	10.4	6.0	17	0.2	0.6	0.3	37	0.17	0.050
1110529	Soil		0.8	26.1	15.8	57	<0.1	21.7	9.1	313	2.44	9.6	0.9	2.1	4.3	12	0.1	0.8	0.2	30	0.10	0.045
1110528	Soil		0.8	22.3	15.9	50	<0.1	18.6	6.8	214	2.29	8.6	0.9	1.8	2.9	11	0.1	0.9	0.2	29	0.09	0.041
1110526	Soil		0.8	31.8	11.8	63	<0.1	24.9	10.2	405	2.29	13.0	0.9	2.7	4.7	19	0.1	0.9	0.2	38	0.19	0.063
1110525	Soil		0.8	18.5	12.2	46	<0.1	15.7	6.1	211	2.00	9.7	0.8	2.5	0.9	13	0.1	0.7	0.2	39	0.12	0.048
1110527	Soil		0.6	20.7	9.5	48	<0.1	16.9	6.8	222	1.93	9.7	0.7	1.8	1.8	12	0.1	0.7	0.2	33	0.14	0.055
1110530	Soil		0.9	31.0	22.8	72	<0.1	27.6	12.0	528	2.78	10.1	1.2	1.9	5.9	16	0.2	1.1	0.3	36	0.14	0.054
1110531	Soil		0.7	38.0	26.0	77	<0.1	32.2	14.4	573	2.84	11.1	1.4	1.8	10.8	15	0.3	2.2	0.3	29	0.12	0.039
1110533	Soil		0.7	17.8	15.1	50	<0.1	16.3	6.4	207	2.14	9.2	0.8	2.6	1.2	11	0.1	0.9	0.2	38	0.11	0.044
1110532	Soil		0.7	25.5	13.7	51	<0.1	19.5	8.5	281	2.21	11.0	1.0	6.4	2.4	11	<0.1	1.2	0.2	34	0.11	0.044
1110502	Soil		0.7	39.0	128.6	136	0.6	33.3	11.1	142	3.89	18.0	1.6	2.5	19.4	20	0.6	7.9	0.8	4	0.07	0.047
1110507	Soil		0.8	29.9	20.8	68	0.1	25.5	11.3	300	2.56	10.4	1.6	3.5	7.6	13	0.3	1.8	0.3	34	0.12	0.047
1110501	Soil		1.0	41.2	30.7	78	0.5	21.0	6.2	236	4.19	13.3	2.3	1.2	21.4	22	0.1	2.3	0.5	18	0.13	0.057
1110506	Soil		1.0	14.0	29.5	68	0.1	23.5	11.2	271	2.67	9.3	1.0	1.6	4.3	11	0.3	1.1	0.2	64	0.11	0.031
1110504	Soil		0.7	22.9	14.5	51	<0.1	18.9	5.9	147	2.08	9.0	0.9	2.4	2.9	8	0.2	0.9	0.2	33	0.08	0.046
1110505	Soil		1.6	25.5	15.4	74	0.1	20.4	11.3	516	2.74	11.5	1.4	3.6	3.0	11	0.2	1.1	0.3	54	0.10	0.063
1110503	Soil		1.3	20.5	27.6	51	0.1	21.0	12.1	381	2.57	12.8	1.0	11.2	1.3	7	0.2	1.5	0.4	43	0.06	0.051
1110508	Soil		1.1	18.1	14.7	58	<0.1	16.2	8.3	256	2.60	11.0	0.9	1.3	3.3	7	0.2	0.9	0.2	43	0.07	0.033
1110509	Soil		1.1	46.2	30.6	73	0.5	43.3	19.0	475	3.29	28.4	2.5	2.4	14.8	13	0.4	3.1	0.5	27	0.07	0.059
1110510	Soil		0.9	22.4	12.4	55	0.1	19.6	9.7	342	2.32	10.9	1.0	15.3	1.3	10	0.2	0.8	0.2	40	0.10	0.062
1110512	Soil		0.9	22.4	12.7	77	<0.1	20.5	12.2	541	2.37	10.7	1.1	4.3	3.6	10	0.3	0.8	0.2	40	0.11	0.072
1110511	Soil		0.9	22.6	14.1	75	<0.1	20.8	12.3	566	2.44	11.1	1.2	5.9	3.7	11	0.3	0.9	0.2	39	0.12	0.077
1110518	Soil		0.7	11.7	10.4	34	<0.1	10.5	3.9	118	1.72	7.7	0.7	2.3	0.4	7	<0.1	0.5	0.2	36	0.07	0.033
1110515	Soil		1.0	14.4	12.2	39	<0.1	11.6	4.2	132	1.80	7.8	0.8	3.0	0.5	8	<0.1	0.5	0.2	38	0.07	0.040
1110513	Soil		0.9	16.9	12.4	54	<0.1	15.0	7.4	270	2.06	9.6	0.8	3.5	1.7	9	0.2	0.7	0.2	39	0.10	0.052
1110516	Soil		0.6	14.3	11.6	40	<0.1	12.3	4.6	127	1.84	8.1	0.8	2.4	0.5	8	0.1	0.6	0.2	37	0.08	0.043
1110514	Soil		0.9	19.8	13.6	65	<0.1	19.4	10.3	399	2.40	8.6	1.0	7.4	3.9	11	0.3	0.8	0.2	40	0.12	0.059
1110519	Soil		0.9	27.2	16.7	71	0.2	22.5	9.2	364	2.43	10.0	1.4	2.4	4.9	11	0.2	1.0	0.2	40	0.12	0.054
1110520	Soil		0.9	15.4	19.9	47	<0.1	13.9	6.2	199	2.15	8.4	0.9	2.7	1.8	9	0.2	1.4	0.2	35	0.08	0.039
1110521	Soil		1.0	26.5	16.8	68	0.2	23.0	9.4	359	2.38	10.4	1.4	7.5	5.0	12	0.2	1.1	0.2	42	0.13	0.056

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1076157	Soil	24	31	0.52	176	0.025	<1	1.30	0.005	0.04	0.3	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1110529	Soil	25	20	0.39	181	0.024	1	1.15	0.004	0.05	0.1	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1110528	Soil	24	20	0.37	124	0.020	<1	1.11	0.004	0.04	0.1	0.05	1.6	<0.1	<0.05	4	<0.5	<0.2
1110526	Soil	17	23	0.39	230	0.042	1	1.26	0.007	0.04	0.2	0.05	3.2	<0.1	<0.05	3	0.5	<0.2
1110525	Soil	15	21	0.32	171	0.024	<1	1.16	0.006	0.03	0.2	0.05	1.5	<0.1	<0.05	4	<0.5	<0.2
1110527	Soil	14	19	0.34	118	0.029	<1	1.08	0.004	0.03	0.2	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
1110530	Soil	24	26	0.49	240	0.036	<1	1.38	0.006	0.06	0.2	0.04	2.9	<0.1	<0.05	4	0.5	<0.2
1110531	Soil	30	25	0.46	271	0.035	<1	1.14	0.004	0.06	0.2	0.04	2.9	<0.1	<0.05	4	0.6	<0.2
1110533	Soil	16	22	0.37	114	0.021	<1	1.22	0.005	0.04	0.2	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1110532	Soil	17	21	0.36	165	0.024	<1	1.12	0.004	0.04	0.2	0.04	2.3	<0.1	<0.05	3	<0.5	<0.2
1110502	Soil	37	3	0.07	51	<0.001	<1	0.60	0.004	0.06	<0.1	0.03	1.6	0.1	<0.05	1	0.5	<0.2
1110507	Soil	23	26	0.43	116	0.041	<1	1.15	0.005	0.05	0.2	0.02	2.1	0.1	<0.05	3	<0.5	<0.2
1110501	Soil	43	23	0.90	186	0.004	2	1.79	0.005	0.07	<0.1	0.02	1.5	<0.1	0.18	5	<0.5	<0.2
1110506	Soil	17	55	0.57	156	0.060	3	1.64	0.005	0.08	0.3	0.03	2.6	0.2	0.08	5	<0.5	<0.2
1110504	Soil	18	17	0.31	54	0.017	<1	1.02	0.003	0.03	0.2	0.04	1.2	<0.1	0.06	3	<0.5	<0.2
1110505	Soil	20	29	0.41	183	0.028	2	1.50	0.005	0.05	0.2	0.07	3.4	<0.1	<0.05	4	<0.5	<0.2
1110503	Soil	20	21	0.30	70	0.016	1	1.26	0.003	0.03	0.2	0.04	1.1	<0.1	<0.05	4	<0.5	<0.2
1110508	Soil	16	26	0.33	56	0.034	2	1.16	0.004	0.04	0.2	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
1110509	Soil	37	19	0.39	80	0.022	1	1.18	0.004	0.04	0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1110510	Soil	17	22	0.31	99	0.020	1	1.10	0.004	0.04	0.2	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1110512	Soil	18	24	0.36	89	0.031	<1	1.26	0.005	0.05	0.3	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2
1110511	Soil	19	24	0.36	86	0.032	<1	1.28	0.005	0.05	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1110518	Soil	14	19	0.23	69	0.015	1	0.95	0.003	0.03	0.2	0.05	0.7	<0.1	<0.05	3	<0.5	<0.2
1110515	Soil	15	21	0.24	97	0.015	1	1.08	0.003	0.03	0.1	0.04	1.0	<0.1	<0.05	3	<0.5	<0.2
1110513	Soil	17	23	0.30	89	0.024	2	1.15	0.003	0.03	0.2	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
1110516	Soil	15	22	0.25	95	0.018	1	1.08	0.003	0.03	0.2	0.04	1.0	<0.1	<0.05	3	<0.5	<0.2
1110514	Soil	20	26	0.39	100	0.037	2	1.30	0.004	0.05	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1110519	Soil	20	24	0.37	151	0.036	1	1.32	0.006	0.05	0.2	0.04	3.3	<0.1	<0.05	3	<0.5	<0.2
1110520	Soil	21	21	0.32	83	0.021	2	1.15	0.004	0.03	0.1	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1110521	Soil	22	26	0.39	155	0.037	<1	1.37	0.005	0.05	0.2	0.04	3.3	<0.1	<0.05	3	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000191.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1110522	Soil		0.9	20.8	18.0	55	0.1	15.8	7.8	277	2.34	9.0	0.9	1.9	2.1	9	0.3	1.2	0.2	37	0.09	0.046
1110523	Soil		0.8	20.0	14.6	60	<0.1	18.2	7.7	281	2.27	9.8	0.8	2.2	1.7	11	0.2	1.0	0.2	41	0.11	0.051
1071439	Soil		1.8	11.6	6.5	23	<0.1	7.5	3.3	130	2.76	16.8	0.6	1.2	6.1	4	<0.1	2.4	0.5	59	0.02	0.029
1071449	Soil		1.4	50.8	9.3	39	0.2	12.3	5.7	145	4.21	97.5	1.8	4.6	15.1	14	0.1	3.5	3.2	25	0.04	0.057
1071445	Soil		1.3	33.7	10.4	37	0.3	13.4	5.3	122	2.73	43.4	2.5	2.1	2.0	19	<0.1	2.3	1.8	19	0.08	0.069
1071448	Soil		1.7	62.6	12.8	44	0.4	14.6	6.9	156	3.41	79.4	2.4	2.0	5.9	13	<0.1	3.2	1.6	27	0.06	0.049
1071440	Soil		1.1	29.6	13.3	52	<0.1	25.8	12.0	233	3.60	138.4	1.3	3.0	11.7	14	0.1	2.0	1.9	41	0.09	0.038
1071441	Soil		1.0	21.1	11.1	55	<0.1	22.9	9.9	235	2.50	18.9	1.4	4.1	4.6	25	0.1	1.0	0.5	36	0.12	0.049
1071450	Soil		1.3	53.1	10.3	59	0.2	28.5	13.0	265	3.30	107.6	2.5	4.8	12.4	15	0.2	4.9	1.5	23	0.10	0.045
1071447	Soil		1.9	53.1	12.9	47	0.2	15.7	7.7	208	3.99	70.3	2.9	1.5	14.6	20	0.1	2.7	2.2	23	0.09	0.043
1071444	Soil		1.6	66.9	4.9	58	0.1	16.7	8.0	251	5.36	23.9	2.4	1.7	25.8	16	<0.1	2.3	0.8	20	0.04	0.044
1071442	Soil		0.9	19.0	8.3	38	<0.1	15.4	6.5	177	2.09	46.7	1.7	4.2	2.1	14	0.2	1.2	1.0	31	0.07	0.044
1071443	Soil		1.7	69.8	5.3	53	0.2	15.6	7.7	243	5.18	30.5	2.4	3.2	25.6	19	<0.1	2.6	1.0	19	0.04	0.048
1071446	Soil		1.9	27.3	21.4	34	0.2	8.8	3.3	107	3.58	56.5	1.1	3.5	3.0	15	<0.1	10.8	3.6	39	0.05	0.056
1071430	Soil		2.1	31.9	11.5	67	<0.1	59.6	28.0	445	3.30	112.0	2.9	3.1	8.1	12	0.2	3.5	2.3	30	0.07	0.049
1071429	Soil		1.0	15.2	9.5	44	<0.1	13.1	6.2	185	2.28	17.0	0.9	1.2	1.3	10	0.1	0.6	0.4	40	0.07	0.047
1071428	Soil		1.3	20.1	8.9	49	<0.1	24.6	13.4	268	2.40	55.1	1.6	2.2	4.0	26	<0.1	0.8	0.6	39	0.12	0.051
1071427	Soil		0.9	17.3	10.7	52	<0.1	18.3	8.7	231	2.29	14.1	1.0	6.4	3.3	14	<0.1	0.6	0.2	38	0.12	0.051
1149776	Soil		1.0	23.5	16.1	53	<0.1	23.5	9.7	230	2.58	8.4	1.0	1.6	4.7	9	0.1	1.0	0.2	35	0.05	0.030
1149773	Soil		1.2	34.8	25.4	76	<0.1	28.3	17.9	419	3.44	8.7	2.0	2.7	16.3	15	0.2	1.1	0.4	22	0.03	0.038
1149763	Soil		1.5	54.2	30.3	84	0.1	40.3	15.6	331	3.56	20.8	2.4	1.3	8.7	12	0.2	4.1	0.6	26	0.06	0.057
1149765	Soil		1.0	43.1	24.8	75	<0.1	24.1	13.6	410	3.41	18.3	1.8	3.2	9.1	14	0.1	1.4	0.4	21	0.05	0.054
1149777	Soil		1.0	33.5	19.8	67	<0.1	35.2	14.3	366	2.80	11.1	1.4	1.9	8.5	15	<0.1	1.0	0.3	32	0.13	0.046
1149770	Soil		0.9	23.0	19.8	49	<0.1	17.2	10.4	398	2.79	11.9	1.2	4.5	7.5	9	0.1	0.7	0.3	33	0.04	0.037
1149772	Soil		1.0	22.7	17.1	62	<0.1	20.6	13.7	465	2.61	7.1	1.4	1.9	6.8	10	<0.1	0.9	0.3	26	0.07	0.045
1149767	Soil		0.8	20.5	11.6	59	<0.1	19.1	8.5	273	2.19	10.3	0.9	3.3	2.3	11	0.2	0.8	0.2	31	0.10	0.051
1149779	Soil		1.0	33.9	18.4	76	<0.1	33.4	17.0	443	3.14	10.1	1.6	2.1	8.8	16	0.2	1.4	0.3	36	0.12	0.054
1149764	Soil		0.9	22.1	15.5	50	<0.1	16.9	10.5	291	2.39	9.0	1.0	2.8	2.1	8	0.1	0.8	0.3	27	0.07	0.045
1149771	Soil		0.9	30.5	19.4	67	<0.1	25.5	12.0	355	2.78	10.6	1.5	2.0	7.8	13	0.1	1.8	0.3	23	0.08	0.053
1149774	Soil		1.4	40.3	24.3	74	<0.1	28.8	13.2	284	3.65	13.4	2.5	4.1	16.9	22	0.1	1.5	0.4	18	0.13	0.038

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Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000191.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1110522	Soil	23	22	0.33	120	0.025	1	1.14	0.004	0.03	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1110523	Soil	16	24	0.34	116	0.030	<1	1.26	0.005	0.04	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1071439	Soil	21	16	0.09	28	0.044	<1	0.68	0.002	0.03	0.2	0.01	1.1	0.1	<0.05	5	0.6	<0.2
1071449	Soil	31	20	0.40	78	0.013	<1	1.53	0.009	0.10	0.3	0.03	1.4	0.3	0.07	4	<0.5	<0.2
1071445	Soil	34	17	0.32	80	0.009	1	1.05	0.007	0.08	0.1	0.03	1.0	0.3	0.06	3	<0.5	<0.2
1071448	Soil	28	20	0.31	83	0.012	1	1.21	0.006	0.08	0.1	0.05	1.3	0.3	0.07	4	<0.5	<0.2
1071440	Soil	23	38	0.47	117	0.036	1	1.97	0.008	0.08	0.2	0.02	3.0	0.2	<0.05	4	<0.5	<0.2
1071441	Soil	18	22	0.34	87	0.031	2	1.36	0.005	0.05	0.2	0.02	1.9	0.1	<0.05	3	<0.5	<0.2
1071450	Soil	35	18	0.30	128	0.018	2	0.97	0.006	0.07	<0.1	0.02	2.1	0.2	<0.05	3	<0.5	<0.2
1071447	Soil	39	23	0.46	80	0.017	1	1.38	0.009	0.14	0.2	0.03	1.7	0.3	0.10	4	<0.5	<0.2
1071444	Soil	48	29	0.76	74	0.017	<1	1.75	0.008	0.18	<0.1	0.01	2.3	0.4	0.08	5	0.7	<0.2
1071442	Soil	17	18	0.22	57	0.023	1	0.92	0.005	0.05	0.2	0.04	1.3	0.2	<0.05	3	0.7	<0.2
1071443	Soil	53	27	0.83	86	0.020	<1	1.90	0.011	0.21	<0.1	<0.01	2.3	0.5	0.13	5	<0.5	<0.2
1071446	Soil	23	20	0.28	44	0.017	1	1.16	0.009	0.07	0.3	0.04	1.1	0.3	0.09	7	<0.5	<0.2
1071430	Soil	39	27	0.29	64	0.017	1	1.29	0.004	0.06	0.3	0.03	1.8	0.2	<0.05	3	<0.5	<0.2
1071429	Soil	15	20	0.29	66	0.024	<1	1.29	0.004	0.04	0.1	0.03	1.3	0.2	<0.05	4	<0.5	<0.2
1071428	Soil	20	22	0.33	90	0.036	1	1.31	0.006	0.06	0.3	0.03	1.8	0.2	<0.05	4	0.5	<0.2
1071427	Soil	16	21	0.30	84	0.030	<1	1.22	0.004	0.05	0.3	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
1149776	Soil	23	28	0.44	84	0.015	<1	1.34	0.004	0.04	<0.1	0.02	1.7	<0.1	<0.05	4	0.7	<0.2
1149773	Soil	39	19	0.44	83	0.006	<1	1.41	0.005	0.05	<0.1	0.02	1.4	<0.1	<0.05	4	0.7	<0.2
1149763	Soil	30	19	0.44	69	0.019	<1	1.06	0.004	0.05	0.1	0.01	1.3	<0.1	<0.05	3	0.8	<0.2
1149765	Soil	37	20	0.47	65	0.014	<1	1.24	0.006	0.04	0.1	0.01	1.3	<0.1	<0.05	4	0.7	<0.2
1149777	Soil	29	30	0.50	118	0.018	<1	1.31	0.005	0.04	0.1	0.02	2.3	<0.1	<0.05	4	0.7	<0.2
1149770	Soil	20	17	0.28	42	0.022	<1	0.99	0.004	0.03	0.2	0.01	1.1	<0.1	<0.05	4	0.7	<0.2
1149772	Soil	29	19	0.45	98	0.007	<1	1.33	0.004	0.04	0.1	0.02	1.5	<0.1	<0.05	4	0.9	<0.2
1149767	Soil	15	20	0.35	88	0.025	<1	1.06	0.004	0.04	0.2	0.03	1.5	<0.1	<0.05	3	0.7	<0.2
1149779	Soil	30	25	0.53	106	0.017	<1	1.32	0.005	0.05	0.1	0.02	2.5	<0.1	<0.05	4	0.8	<0.2
1149764	Soil	21	17	0.34	64	0.018	<1	0.98	0.003	0.03	<0.1	0.02	1.0	<0.1	<0.05	3	0.6	<0.2
1149771	Soil	29	17	0.42	68	0.012	<1	1.14	0.005	0.05	0.1	0.02	1.5	<0.1	<0.05	3	0.7	<0.2
1149774	Soil	46	17	0.50	73	0.005	<1	1.35	0.005	0.05	<0.1	<0.01	1.5	<0.1	<0.05	4	0.8	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1149778	Soil	1.2	36.5	37.7	85	<0.1	41.7	23.3	552	3.38	16.2	1.6	1.5	13.0	15	0.2	4.8	0.3	27	0.10	0.050
1149768	Soil	0.8	19.6	16.8	74	<0.1	23.3	11.6	276	2.69	16.3	1.0	1.7	6.9	13	0.2	1.0	0.2	32	0.13	0.051
1149766	Soil	0.9	26.0	15.5	64	<0.1	21.4	9.5	305	2.46	11.5	1.2	2.5	2.9	11	0.2	1.4	0.2	29	0.11	0.053
1149769	Soil	0.7	39.6	26.8	88	<0.1	35.3	14.8	363	3.74	12.7	1.6	2.1	12.7	11	<0.1	4.3	0.4	19	0.05	0.052
1110557	Soil	0.9	30.2	20.0	61	<0.1	23.9	12.7	339	2.77	9.0	1.4	2.3	9.7	18	0.2	0.7	0.3	29	0.06	0.042
1110553	Soil	1.3	23.2	16.0	57	<0.1	22.1	11.0	338	2.64	13.1	1.1	2.7	1.6	13	0.2	1.0	0.6	42	0.10	0.052
1110551	Soil	0.4	35.9	27.1	78	0.2	29.4	7.6	171	3.12	7.3	2.4	0.7	13.8	5	<0.1	0.8	0.3	16	0.03	0.031
1110554	Soil	0.9	15.6	12.7	52	<0.1	18.4	6.4	243	2.04	8.3	1.7	1.7	0.8	9	0.2	0.6	0.2	32	0.06	0.047
1149760	Soil	1.0	27.4	13.7	75	<0.1	28.1	11.4	309	2.57	9.6	1.2	11.4	6.4	15	0.2	0.8	0.2	33	0.16	0.074
1149753	Soil	1.2	30.1	28.2	71	<0.1	31.5	19.5	959	3.92	15.5	1.3	1.7	7.4	10	0.1	1.0	0.3	35	0.08	0.079
1149751	Soil	1.1	67.5	29.0	110	<0.1	59.1	25.7	391	4.54	21.2	2.6	3.4	22.3	15	0.2	1.6	0.3	16	0.10	0.064
1149752	Soil	0.8	45.3	25.2	65	0.1	20.2	14.1	290	3.27	7.3	2.3	1.8	12.7	16	0.1	0.5	0.5	19	0.05	0.052
1149757	Soil	1.0	30.0	26.4	79	<0.1	28.1	14.0	410	3.02	11.4	1.6	3.0	9.7	13	0.2	0.8	0.3	26	0.10	0.069
1149758	Soil	0.9	27.4	15.8	115	<0.1	27.5	13.9	455	2.66	9.3	1.5	2.9	4.5	13	0.2	0.7	0.3	28	0.11	0.066
1149761	Soil	0.8	20.3	12.1	60	<0.1	18.8	9.8	323	2.22	9.9	1.0	5.9	3.2	11	0.2	0.6	0.2	29	0.11	0.049
1149756	Soil	1.1	29.5	17.8	70	<0.1	26.4	12.2	356	2.95	10.6	1.3	1.5	8.6	13	0.2	0.8	0.3	33	0.10	0.054
1149762	Soil	0.7	22.2	11.8	62	<0.1	22.9	9.3	307	2.20	9.7	1.2	6.1	4.4	12	0.3	0.8	0.2	32	0.14	0.056
1149759	Soil	0.8	27.5	14.8	69	<0.1	24.1	13.7	397	2.47	8.7	1.3	4.5	7.1	11	0.2	0.7	0.3	27	0.09	0.045
1149755	Soil	1.0	21.6	14.8	59	<0.1	20.1	9.5	275	2.56	10.2	1.0	<0.5	4.1	10	0.2	0.6	0.3	30	0.07	0.052
1149754	Soil	1.0	25.1	15.4	70	<0.1	24.4	12.5	366	2.63	11.7	1.2	2.9	5.3	11	0.2	0.8	0.4	33	0.08	0.050

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600 - 666 Burrard St.
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Project: MHR
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS DAW11000191.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1149778	Soil	33	20	0.44	79	0.012	<1	1.11	0.004	0.04	<0.1	0.01	2.0	<0.1	<0.05	3	0.9	<0.2
1149768	Soil	19	22	0.42	87	0.030	<1	1.37	0.006	0.04	0.1	0.02	2.1	<0.1	<0.05	3	0.8	<0.2
1149766	Soil	22	19	0.39	99	0.022	1	1.06	0.004	0.04	0.1	0.04	1.4	<0.1	<0.05	3	0.9	<0.2
1149769	Soil	33	21	0.56	50	0.005	<1	1.54	0.004	0.05	<0.1	<0.01	1.6	<0.1	<0.05	4	0.6	<0.2
1110557	Soil	28	23	0.52	112	0.034	<1	1.36	0.005	0.05	0.1	0.02	1.7	<0.1	<0.05	4	0.6	<0.2
1110553	Soil	17	26	0.42	98	0.031	<1	1.32	0.004	0.05	0.2	0.03	1.6	0.1	<0.05	4	0.5	<0.2
1110551	Soil	36	16	0.44	39	0.009	<1	1.42	0.003	0.03	<0.1	<0.01	1.0	<0.1	<0.05	4	<0.5	<0.2
1110554	Soil	16	20	0.39	78	0.017	<1	1.21	0.004	0.04	0.2	0.02	1.0	0.1	<0.05	4	<0.5	<0.2
1149760	Soil	19	21	0.41	105	0.035	<1	1.10	0.005	0.05	0.2	0.03	1.8	<0.1	<0.05	3	0.7	<0.2
1149753	Soil	22	20	0.33	50	0.024	<1	1.17	0.005	0.05	0.1	0.01	1.4	<0.1	<0.05	4	0.8	<0.2
1149751	Soil	42	18	0.50	199	0.005	<1	1.62	0.005	0.05	<0.1	<0.01	2.3	<0.1	<0.05	4	0.7	<0.2
1149752	Soil	47	18	0.46	58	0.014	<1	1.21	0.004	0.04	<0.1	0.01	1.1	<0.1	<0.05	4	0.7	<0.2
1149757	Soil	22	20	0.42	60	0.024	<1	1.34	0.005	0.04	0.2	0.02	1.7	<0.1	<0.05	3	0.9	<0.2
1149758	Soil	22	20	0.40	75	0.023	<1	1.18	0.005	0.04	0.1	0.05	1.4	<0.1	<0.05	3	0.9	<0.2
1149761	Soil	16	19	0.35	79	0.027	<1	1.05	0.005	0.04	0.2	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
1149756	Soil	21	22	0.41	62	0.034	<1	1.21	0.005	0.05	0.2	0.03	1.7	<0.1	<0.05	4	1.0	<0.2
1149762	Soil	15	20	0.35	96	0.034	<1	1.06	0.004	0.04	0.3	0.04	1.8	<0.1	<0.05	3	<0.5	<0.2
1149759	Soil	19	18	0.38	78	0.030	<1	1.07	0.005	0.04	0.2	0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
1149755	Soil	20	21	0.38	74	0.018	1	1.24	0.004	0.04	0.2	0.02	1.3	<0.1	<0.05	3	0.5	<0.2
1149754	Soil	18	21	0.40	116	0.020	1	1.33	0.004	0.04	0.2	0.02	1.6	<0.1	<0.05	4	0.6	<0.2

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600 - 666 Burrard St.
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Project: MHR
Report Date: August 31, 2011

QUALITY CONTROL REPORT DAW11000191.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1147895	Soil	0.7	25.4	13.1	52	0.1	19.2	11.0	327	2.05	9.3	1.1	4.7	2.7	13	0.1	0.7	0.2	28	0.11	0.055
REP 1147895	QC	0.7	25.3	13.4	50	0.1	19.6	11.5	323	2.09	9.5	1.1	4.9	2.5	13	0.1	0.7	0.2	29	0.12	0.055
1074579	Soil	0.7	18.3	10.0	51	<0.1	19.3	6.4	231	2.17	25.3	0.9	3.3	4.0	12	0.2	2.5	0.5	31	0.09	0.044
REP 1074579	QC	0.6	19.0	9.6	53	<0.1	19.3	6.6	231	2.23	25.8	0.8	2.5	3.9	11	0.2	2.6	0.5	30	0.08	0.044
1074584	Soil	0.8	19.2	9.8	68	<0.1	24.5	10.6	252	2.28	36.0	0.9	2.8	5.6	11	0.3	2.4	0.5	28	0.09	0.055
REP 1074584	QC	0.8	19.4	9.3	70	<0.1	23.7	10.4	252	2.24	35.4	0.9	6.5	5.6	11	0.2	2.4	0.5	27	0.09	0.053
1074566	Soil	1.2	50.0	16.9	63	<0.1	29.7	15.3	294	4.07	71.4	2.2	0.9	13.1	14	0.1	10.3	0.8	22	0.02	0.040
REP 1074566	QC	1.2	49.8	16.9	61	<0.1	28.3	15.2	294	4.07	70.6	2.1	1.6	13.3	13	<0.1	10.0	0.9	22	0.02	0.040
1074554	Soil	0.9	14.2	10.4	43	<0.1	18.1	9.1	252	2.05	23.1	0.7	10.7	2.0	19	0.2	1.0	2.6	37	0.33	0.043
REP 1074554	QC	1.0	13.4	10.3	43	<0.1	17.9	9.3	254	2.07	22.5	0.6	2.6	2.0	20	0.2	1.0	2.6	38	0.33	0.044
1037301	Soil	1.4	50.4	33.5	114	0.4	59.7	28.3	919	5.22	19.0	2.0	2.3	14.2	77	0.2	2.3	0.5	92	0.69	0.130
REP 1037301	QC	1.5	49.5	34.3	107	0.4	57.2	28.0	944	5.15	19.7	2.0	2.5	14.2	78	0.3	2.3	0.5	94	0.72	0.134
1071500	Soil	0.8	30.1	20.1	92	0.2	33.9	10.6	316	2.94	10.9	1.2	1.5	3.9	14	0.4	1.8	0.3	44	0.09	0.056
REP 1071500	QC	0.7	28.1	20.3	88	0.2	33.3	10.5	298	2.80	10.7	1.2	3.4	3.9	14	0.5	1.6	0.3	44	0.08	0.056
1096225	Soil	0.7	28.0	9.0	48	<0.1	16.7	5.3	138	2.25	66.2	1.2	9.0	2.9	16	0.2	1.7	2.2	32	0.11	0.051
REP 1096225	QC	0.7	27.9	9.0	48	0.1	16.5	5.4	137	2.24	66.9	1.2	6.1	2.8	16	<0.1	1.5	2.0	32	0.11	0.050
1096202	Soil	1.2	67.0	20.6	68	0.2	39.0	25.4	440	4.25	109.6	3.6	7.6	16.8	89	0.2	1.4	1.9	39	0.35	0.056
REP 1096202	QC	1.1	68.2	20.5	71	0.2	39.7	25.6	448	4.29	110.8	3.5	5.0	16.7	88	0.2	1.4	1.8	39	0.35	0.056
1096213	Soil	0.9	41.5	10.8	55	0.1	25.3	12.4	393	2.90	118.2	1.3	11.5	5.0	15	0.3	5.9	1.2	32	0.11	0.066
REP 1096213	QC	0.9	42.0	10.6	54	0.1	26.6	12.5	392	2.85	116.5	1.3	5.4	4.8	16	0.2	5.9	1.1	33	0.12	0.067
1031445	Soil	0.8	21.2	13.2	46	<0.1	16.0	6.4	209	2.05	8.5	1.0	8.7	1.4	10	0.1	0.6	0.2	27	0.09	0.047
REP 1031445	QC	0.9	21.0	13.1	47	<0.1	15.2	6.1	208	2.02	8.8	1.0	2.2	1.2	10	0.2	0.6	0.2	26	0.08	0.046
1110607	Soil	0.8	28.8	12.7	52	<0.1	17.0	11.7	200	2.77	8.3	1.2	3.4	3.5	8	0.2	2.0	0.3	28	0.04	0.046
REP 1110607	QC	0.7	29.6	13.1	53	<0.1	17.3	12.1	208	2.84	8.5	1.2	3.7	3.4	9	0.2	1.9	0.3	26	0.05	0.045
1110615	Soil	0.9	22.4	15.3	49	<0.1	16.1	7.2	208	2.51	8.9	1.0	3.8	4.4	9	0.1	0.6	0.2	31	0.05	0.033
REP 1110615	QC	0.9	21.8	14.9	49	<0.1	16.3	7.3	200	2.50	8.4	1.0	6.4	4.1	9	0.2	0.6	0.3	31	0.05	0.032
1076154	Soil	0.8	23.8	21.2	68	0.2	32.4	13.5	504	2.57	6.9	2.9	2.6	6.7	31	0.2	0.5	0.3	36	0.30	0.059
REP 1076154	QC	0.7	23.1	20.5	67	0.2	32.4	13.1	498	2.54	6.9	2.7	3.7	6.6	30	0.2	0.6	0.3	36	0.29	0.057

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Project: MHR
Report Date: August 31, 2011

QUALITY CONTROL REPORT DAW11000191.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1147895	Soil	21	18	0.37	177	0.019	<1	0.92	0.005	0.04	0.3	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
REP 1147895	QC	20	18	0.36	180	0.018	<1	0.92	0.005	0.04	0.2	0.05	1.6	<0.1	<0.05	3	<0.5	<0.2
1074579	Soil	16	18	0.38	72	0.039	<1	1.03	0.005	0.08	0.3	0.03	1.4	0.1	<0.05	3	<0.5	<0.2
REP 1074579	QC	16	19	0.37	73	0.040	<1	0.98	0.005	0.07	0.3	0.03	1.4	0.1	<0.05	3	<0.5	<0.2
1074584	Soil	13	20	0.37	96	0.035	<1	1.28	0.005	0.09	0.3	0.03	1.6	0.1	<0.05	3	<0.5	<0.2
REP 1074584	QC	13	20	0.38	95	0.036	<1	1.31	0.009	0.09	0.3	0.01	1.7	0.2	<0.05	3	<0.5	<0.2
1074566	Soil	23	20	0.30	140	0.030	<1	1.07	0.011	0.25	<0.1	<0.01	1.9	0.6	0.17	3	0.7	<0.2
REP 1074566	QC	22	19	0.31	139	0.029	<1	1.04	0.011	0.25	<0.1	<0.01	1.9	0.6	0.17	3	<0.5	<0.2
1074554	Soil	12	23	0.35	123	0.039	2	1.46	0.012	0.04	0.3	0.05	1.6	<0.1	<0.05	5	<0.5	<0.2
REP 1074554	QC	12	23	0.35	122	0.041	<1	1.48	0.011	0.04	0.5	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2
1037301	Soil	30	110	1.72	390	0.135	2	2.23	0.006	0.38	0.2	0.02	5.8	0.7	<0.05	8	<0.5	<0.2
REP 1037301	QC	31	111	1.81	379	0.142	1	2.33	0.006	0.39	0.2	0.02	6.1	0.7	<0.05	8	<0.5	<0.2
1071500	Soil	25	46	0.66	141	0.043	<1	1.99	0.006	0.22	0.1	0.03	2.7	0.2	<0.05	5	<0.5	<0.2
REP 1071500	QC	24	45	0.67	133	0.041	1	1.98	0.006	0.23	0.2	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1096225	Soil	22	20	0.35	94	0.038	<1	1.16	0.006	0.09	1.2	0.04	1.5	0.1	<0.05	4	<0.5	<0.2
REP 1096225	QC	21	20	0.34	91	0.039	<1	1.17	0.006	0.09	1.1	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1096202	Soil	39	31	0.96	134	0.064	<1	2.77	0.011	0.60	0.5	<0.01	3.6	0.6	<0.05	8	<0.5	<0.2
REP 1096202	QC	38	32	0.96	134	0.061	<1	2.79	0.012	0.61	0.5	0.01	3.6	0.6	<0.05	8	<0.5	<0.2
1096213	Soil	18	24	0.34	81	0.041	2	0.98	0.008	0.12	0.8	0.03	1.7	0.2	0.06	3	<0.5	<0.2
REP 1096213	QC	17	24	0.36	80	0.042	<1	0.99	0.008	0.12	0.9	0.04	1.7	0.2	0.06	3	<0.5	<0.2
1031445	Soil	18	16	0.30	88	0.018	<1	0.86	0.003	0.03	0.1	0.03	1.0	<0.1	<0.05	3	0.5	<0.2
REP 1031445	QC	17	16	0.29	87	0.017	<1	0.83	0.005	0.03	0.2	0.02	1.0	<0.1	<0.05	3	0.6	<0.2
1110607	Soil	19	15	0.26	44	0.012	<1	0.99	0.003	0.04	0.1	0.04	0.9	0.1	<0.05	3	0.7	<0.2
REP 1110607	QC	20	15	0.25	46	0.014	1	1.00	0.005	0.04	0.1	0.02	1.1	0.2	<0.05	3	1.0	<0.2
1110615	Soil	17	18	0.32	58	0.017	<1	1.20	0.004	0.02	0.2	0.03	1.2	<0.1	<0.05	4	0.6	<0.2
REP 1110615	QC	17	18	0.30	56	0.016	<1	1.16	0.003	0.02	0.2	0.03	1.1	<0.1	<0.05	3	0.7	<0.2
1076154	Soil	26	27	0.50	176	0.018	<1	1.40	0.006	0.04	0.2	0.05	2.5	<0.1	<0.05	4	0.8	<0.2
REP 1076154	QC	25	27	0.49	171	0.018	<1	1.38	0.006	0.04	0.2	0.05	2.4	<0.1	<0.05	4	0.7	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 31, 2011

QUALITY CONTROL REPORT DAW11000191.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1110527	Soil	0.6	20.7	9.5	48	<0.1	16.9	6.8	222	1.93	9.7	0.7	1.8	1.8	12	0.1	0.7	0.2	33	0.14	0.055
REP 1110527	QC	0.6	21.8	9.8	48	<0.1	17.8	7.0	232	2.00	9.9	0.8	2.4	1.7	13	0.1	0.7	0.2	35	0.15	0.058
1110513	Soil	0.9	16.9	12.4	54	<0.1	15.0	7.4	270	2.06	9.6	0.8	3.5	1.7	9	0.2	0.7	0.2	39	0.10	0.052
REP 1110513	QC	0.8	16.7	12.2	53	<0.1	15.5	7.4	276	2.12	8.9	0.9	4.1	1.4	9	0.2	0.6	0.2	38	0.10	0.051
1071443	Soil	1.7	69.8	5.3	53	0.2	15.6	7.7	243	5.18	30.5	2.4	3.2	25.6	19	<0.1	2.6	1.0	19	0.04	0.048
REP 1071443	QC	1.8	71.3	5.5	52	0.2	15.3	7.8	256	5.25	29.3	2.4	3.2	27.0	19	<0.1	2.5	1.0	19	0.04	0.049
1149764	Soil	0.9	22.1	15.5	50	<0.1	16.9	10.5	291	2.39	9.0	1.0	2.8	2.1	8	0.1	0.8	0.3	27	0.07	0.045
REP 1149764	QC	1.1	23.4	15.9	53	<0.1	18.1	10.8	303	2.50	9.5	1.0	2.2	2.2	9	0.1	0.8	0.3	28	0.08	0.048
1149760	Soil	1.0	27.4	13.7	75	<0.1	28.1	11.4	309	2.57	9.6	1.2	11.4	6.4	15	0.2	0.8	0.2	33	0.16	0.074
REP 1149760	QC	1.1	26.7	12.8	73	<0.1	26.2	10.8	306	2.50	9.3	1.1	3.7	6.1	14	0.3	0.8	0.2	31	0.15	0.073
1149755	Soil	1.0	21.6	14.8	59	<0.1	20.1	9.5	275	2.56	10.2	1.0	<0.5	4.1	10	0.2	0.6	0.3	30	0.07	0.052
REP 1149755	QC	0.9	20.2	14.6	55	<0.1	19.5	8.9	255	2.51	9.7	0.9	2.1	4.1	10	0.2	0.7	0.3	30	0.08	0.049
Reference Materials																					
STD DS8	Standard	12.7	104.9	130.2	316	1.9	38.2	7.3	585	2.40	24.6	3.1	144.6	7.5	72	2.5	6.3	7.4	42	0.67	0.082
STD DS8	Standard	14.0	106.8	123.7	308	1.8	38.2	7.9	588	2.44	24.8	2.8	108.0	7.3	64	2.4	5.0	6.4	44	0.68	0.076
STD DS8	Standard	12.3	106.9	122.4	309	1.9	38.2	7.3	602	2.39	25.2	2.8	116.5	6.6	60	2.2	5.2	6.6	43	0.69	0.077
STD DS8	Standard	12.9	101.1	118.3	288	1.6	34.4	6.8	554	2.29	23.3	2.3	102.2	6.3	58	2.2	5.0	6.2	38	0.62	0.077
STD DS8	Standard	14.4	121.3	130.6	330	1.9	42.5	8.6	653	2.58	26.6	3.1	109.3	7.6	74	2.3	6.2	7.3	47	0.76	0.082
STD DS8	Standard	13.9	110.7	129.5	317	1.8	38.7	8.1	637	2.58	27.5	3.0	112.3	7.6	71	2.6	5.9	7.2	44	0.72	0.085
STD DS8	Standard	13.3	113.8	121.9	299	1.7	39.7	8.0	603	2.44	24.9	2.7	108.4	6.5	65	2.3	5.6	6.5	42	0.68	0.075
STD DS8	Standard	12.6	107.2	118.4	295	1.8	36.2	7.4	573	2.30	22.9	2.6	108.4	6.6	68	2.4	5.5	6.5	42	0.66	0.071
STD DS8	Standard	12.9	115.7	126.6	322	2.0	40.4	7.9	631	2.57	27.5	2.7	111.4	6.6	66	2.4	5.5	6.7	41	0.72	0.087
STD DS8	Standard	12.7	107.2	126.7	323	1.9	36.8	7.5	623	2.48	25.7	2.6	115.6	7.0	65	2.5	5.7	7.0	41	0.71	0.085
STD DS8	Standard	13.5	114.8	126.7	328	1.9	39.7	7.7	620	2.57	25.5	2.5	131.4	6.6	59	2.8	5.7	6.8	44	0.72	0.088
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 31, 2011

QUALITY CONTROL REPORT DAW11000191.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1110527	Soil	14	19	0.34	118	0.029	<1	1.08	0.004	0.03	0.2	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
REP 1110527	QC	15	20	0.36	125	0.033	1	1.14	0.005	0.04	0.2	0.03	1.9	<0.1	<0.05	3	0.6	<0.2
1110513	Soil	17	23	0.30	89	0.024	2	1.15	0.003	0.03	0.2	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
REP 1110513	QC	17	24	0.31	86	0.027	1	1.20	0.004	0.04	0.2	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
1071443	Soil	53	27	0.83	86	0.020	<1	1.90	0.011	0.21	<0.1	<0.01	2.3	0.5	0.13	5	<0.5	<0.2
REP 1071443	QC	54	28	0.79	88	0.021	1	1.94	0.011	0.23	<0.1	<0.01	2.4	0.5	0.12	5	<0.5	<0.2
1149764	Soil	21	17	0.34	64	0.018	<1	0.98	0.003	0.03	<0.1	0.02	1.0	<0.1	<0.05	3	0.6	<0.2
REP 1149764	QC	21	19	0.36	63	0.018	<1	1.02	0.004	0.04	0.1	0.02	1.0	<0.1	<0.05	3	0.7	<0.2
1149760	Soil	19	21	0.41	105	0.035	<1	1.10	0.005	0.05	0.2	0.03	1.8	<0.1	<0.05	3	0.7	<0.2
REP 1149760	QC	18	20	0.41	101	0.034	<1	1.08	0.005	0.04	0.2	0.02	1.8	<0.1	<0.05	3	0.9	<0.2
1149755	Soil	20	21	0.38	74	0.018	1	1.24	0.004	0.04	0.2	0.02	1.3	<0.1	<0.05	3	0.5	<0.2
REP 1149755	QC	20	21	0.38	71	0.018	1	1.25	0.004	0.04	0.2	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	115	0.61	285	0.124	1	0.89	0.095	0.41	3.1	0.19	2.4	5.5	0.18	5	4.7	4.7
STD DS8	Standard	15	120	0.61	281	0.126	3	0.91	0.087	0.41	2.9	0.19	2.5	5.6	0.20	4	4.8	5.1
STD DS8	Standard	14	116	0.58	265	0.113	2	0.88	0.080	0.39	3.1	0.19	2.1	5.5	0.17	4	6.5	4.7
STD DS8	Standard	13	109	0.56	264	0.096	2	0.83	0.079	0.38	2.7	0.18	1.7	5.1	0.16	4	4.7	4.3
STD DS8	Standard	15	129	0.64	299	0.130	2	0.98	0.093	0.43	3.2	0.25	2.5	5.7	0.17	5	4.7	4.9
STD DS8	Standard	17	117	0.63	310	0.120	3	0.94	0.094	0.43	3.1	0.20	2.4	5.7	0.13	5	5.7	4.9
STD DS8	Standard	13	117	0.59	277	0.127	2	0.90	0.084	0.40	3.0	0.20	2.1	5.2	0.13	5	5.4	5.0
STD DS8	Standard	15	116	0.62	269	0.121	1	0.88	0.091	0.40	2.9	0.18	2.2	5.1	0.14	4	5.5	4.8
STD DS8	Standard	15	118	0.65	296	0.112	3	0.92	0.086	0.44	3.1	0.20	1.9	5.5	0.17	5	5.7	5.5
STD DS8	Standard	15	117	0.62	293	0.110	2	0.92	0.088	0.43	3.3	0.20	2.1	5.5	0.15	5	4.8	5.7
STD DS8	Standard	13	125	0.66	270	0.105	2	0.95	0.087	0.44	3.4	0.19	2.0	5.8	0.18	5	5.6	5.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 31, 2011

QUALITY CONTROL REPORT DAW11000191.1

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

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: August 31, 2011

QUALITY CONTROL REPORT DAW11000191.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 24, 2011
Report Date: September 02, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS DAW11000199.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-02
P.O. Number
Number of Samples: 148

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	148	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	148	Dry at 60C			WHI
1DX2	148	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 02, 2011

CERTIFICATE OF ANALYSIS DAW11000199.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096284	Soil	1.0	27.3	8.8	53	<0.1	21.7	9.9	240	2.24	9.5	1.4	1.6	6.2	9	0.1	0.9	0.2	26	0.09	0.049
1198924	Soil	0.9	22.8	18.7	80	<0.1	22.1	10.8	468	2.44	12.7	1.3	3.6	3.4	9	0.4	1.2	0.2	38	0.09	0.057
1198927	Soil	0.9	40.6	33.2	94	0.1	28.2	16.2	450	3.40	8.2	1.9	5.2	12.2	7	0.4	1.7	0.3	15	0.04	0.043
1149775	Soil	1.0	26.9	17.1	62	<0.1	22.6	9.7	275	2.47	10.0	1.3	4.8	4.5	13	0.1	1.2	0.2	31	0.09	0.045
1198911	Soil	1.1	22.9	10.0	52	<0.1	21.4	12.1	306	2.74	17.2	1.8	2.2	6.1	14	0.2	1.6	0.6	33	0.09	0.053
1198928	Soil	0.9	25.2	20.7	70	0.1	27.0	14.4	560	2.55	10.0	1.2	3.8	7.8	9	0.3	3.9	0.2	29	0.09	0.053
1198929	Soil	0.9	22.8	13.6	56	<0.1	20.2	9.0	367	2.26	10.6	1.1	2.9	6.1	9	0.1	1.7	0.2	39	0.08	0.039
1198931	Soil	0.8	33.0	29.6	77	0.2	35.5	16.9	522	3.08	27.6	1.8	7.0	16.1	9	0.3	17.8	0.3	14	0.02	0.031
1198920	Soil	1.1	28.0	25.7	61	<0.1	24.8	15.3	437	3.27	14.5	1.6	2.4	7.2	9	0.1	3.2	0.3	19	0.02	0.042
1198926	Soil	1.1	22.2	15.4	60	0.1	19.2	9.7	290	2.56	12.8	1.6	2.9	5.8	9	0.2	0.8	0.2	41	0.06	0.045
1198932	Soil	0.9	20.7	12.8	57	<0.1	20.0	9.8	262	2.41	18.6	0.6	11.3	5.6	6	0.2	2.9	0.2	37	0.05	0.023
1198933	Soil	1.0	21.9	22.1	65	0.5	23.3	12.2	345	2.76	14.7	1.0	5.7	7.6	9	0.3	1.9	0.2	51	0.07	0.030
1198919	Soil	0.6	22.1	13.2	55	0.2	19.6	9.3	235	2.27	8.5	1.2	1.5	7.9	9	0.1	1.5	0.2	23	0.05	0.025
1198923	Soil	0.8	17.2	15.9	58	0.1	18.3	8.7	277	2.21	11.3	0.7	2.1	5.0	8	0.2	1.0	0.2	30	0.08	0.041
1198925	Soil	0.8	10.7	15.7	38	<0.1	10.2	4.7	214	1.87	8.8	0.8	1.0	1.1	7	0.2	0.5	0.2	38	0.06	0.042
1198930	Soil	0.9	15.6	12.9	53	<0.1	17.1	8.9	324	2.32	11.5	0.7	3.5	5.4	7	0.1	1.1	0.2	36	0.06	0.038
1071434	Soil	0.8	19.8	7.8	50	<0.1	17.7	8.0	228	2.11	19.6	0.9	1.8	4.8	13	0.2	0.7	0.5	30	0.11	0.056
1071433	Soil	0.8	16.2	9.9	49	<0.1	18.5	11.0	343	2.18	17.5	0.8	1.6	1.5	9	0.1	0.7	0.3	32	0.07	0.051
1071432	Soil	0.8	17.0	8.6	48	<0.1	18.0	8.6	245	2.26	62.4	0.8	5.5	2.3	12	0.1	0.7	1.3	33	0.09	0.048
1071431	Soil	1.0	21.8	8.3	46	<0.1	19.8	10.2	199	2.40	90.6	1.3	1.5	5.4	15	0.1	0.8	0.6	32	0.09	0.055
1071438	Soil	1.1	37.9	7.9	49	<0.1	25.5	11.8	144	3.89	84.9	2.3	1.6	16.4	9	<0.1	5.8	1.0	18	0.01	0.037
1071436	Soil	1.4	27.9	10.0	33	<0.1	12.9	5.0	149	3.50	62.3	3.1	2.7	14.0	11	<0.1	1.5	0.9	22	0.02	0.052
1071437	Soil	1.2	30.4	7.8	51	<0.1	16.6	9.8	277	3.52	38.0	2.3	6.3	11.7	12	<0.1	3.2	0.5	25	0.05	0.052
1071435	Soil	0.9	25.8	10.9	50	<0.1	22.6	12.2	261	2.85	11.9	1.1	7.8	9.2	7	0.2	1.1	0.4	30	0.04	0.023
1198937	Soil	2.2	44.9	38.2	65	0.1	19.6	9.2	282	3.80	15.9	1.5	19.3	8.8	11	<0.1	40.4	0.6	19	0.06	0.035
1198939	Soil	1.1	25.9	14.0	65	0.1	33.9	16.5	469	2.72	52.9	1.8	2.7	8.5	8	0.2	2.9	0.7	35	0.05	0.032
1198941	Soil	1.1	22.5	204.4	234	1.2	22.9	10.4	447	2.81	60.3	1.8	4.7	5.0	13	0.7	29.5	0.8	28	0.09	0.078
1198934	Soil	1.3	19.6	45.4	45	0.1	13.6	10.8	389	2.61	30.4	0.8	1.3	3.7	9	0.1	21.6	0.6	29	0.07	0.053
1198936	Soil	1.0	35.9	23.2	81	0.2	30.7	13.6	418	3.18	22.2	1.3	3.2	9.8	9	0.3	9.5	0.5	28	0.04	0.028
1198938	Soil	1.3	31.5	22.6	57	0.2	23.8	13.3	398	3.43	18.4	1.7	2.9	13.8	10	<0.1	17.0	0.6	13	0.01	0.037

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 02, 2011

CERTIFICATE OF ANALYSIS DAW11000199.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096284	Soil	20	23	0.42	94	0.023	<1	1.21	0.004	0.04	0.2	0.01	2.0	0.1	<0.05	3	<0.5	<0.2
1198924	Soil	15	23	0.42	149	0.022	<1	1.61	0.005	0.04	0.2	0.04	2.6	<0.1	<0.05	4	0.6	<0.2
1198927	Soil	31	12	0.23	72	0.013	<1	0.88	0.004	0.03	<0.1	0.02	1.5	<0.1	<0.05	2	0.6	<0.2
1149775	Soil	22	21	0.40	127	0.012	<1	1.19	0.005	0.04	0.1	0.02	1.7	<0.1	<0.05	4	0.6	<0.2
1198911	Soil	21	22	0.41	72	0.028	1	1.27	0.004	0.07	0.2	0.02	1.7	0.3	<0.05	4	<0.5	<0.2
1198928	Soil	23	18	0.33	78	0.027	<1	1.03	0.005	0.03	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1198929	Soil	19	24	0.35	158	0.036	<1	1.15	0.005	0.03	0.3	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
1198931	Soil	43	13	0.23	68	0.005	<1	0.95	0.003	0.03	<0.1	0.03	1.5	<0.1	<0.05	2	<0.5	<0.2
1198920	Soil	36	17	0.32	38	0.005	<1	1.15	0.003	0.03	<0.1	0.01	1.0	<0.1	<0.05	4	<0.5	<0.2
1198926	Soil	15	24	0.41	125	0.028	<1	1.54	0.005	0.04	0.2	0.05	2.9	<0.1	<0.05	4	0.6	<0.2
1198932	Soil	13	23	0.33	123	0.028	<1	1.46	0.004	0.03	0.2	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
1198933	Soil	13	33	0.48	222	0.042	<1	2.24	0.006	0.04	0.2	0.06	3.2	0.1	<0.05	5	<0.5	<0.2
1198919	Soil	30	17	0.36	152	0.016	<1	1.13	0.004	0.03	<0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1198923	Soil	15	19	0.33	69	0.021	<1	1.23	0.004	0.03	0.2	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
1198925	Soil	15	17	0.20	97	0.018	<1	1.06	0.004	0.03	<0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1198930	Soil	12	24	0.34	110	0.030	<1	1.49	0.005	0.03	0.2	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1071434	Soil	15	18	0.35	79	0.029	<1	1.09	0.006	0.05	0.2	0.02	1.7	<0.1	<0.05	3	0.6	<0.2
1071433	Soil	13	19	0.30	68	0.018	<1	1.21	0.005	0.03	0.2	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1071432	Soil	15	18	0.29	70	0.022	<1	1.16	0.005	0.04	0.2	0.03	1.3	0.2	<0.05	4	<0.5	<0.2
1071431	Soil	21	20	0.36	69	0.023	<1	1.11	0.007	0.08	0.2	0.02	1.3	0.3	<0.05	4	<0.5	<0.2
1071438	Soil	42	14	0.30	33	0.007	<1	0.90	0.003	0.04	<0.1	0.02	1.0	0.1	<0.05	3	<0.5	<0.2
1071436	Soil	31	17	0.41	37	0.009	<1	1.11	0.007	0.06	0.1	0.02	0.9	0.2	0.05	4	0.7	<0.2
1071437	Soil	26	18	0.40	37	0.017	<1	1.09	0.005	0.05	0.2	0.01	1.4	0.1	<0.05	4	<0.5	<0.2
1071435	Soil	17	22	0.34	71	0.016	<1	1.77	0.004	0.04	0.1	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1198937	Soil	25	17	0.34	152	0.011	<1	1.04	0.004	0.03	<0.1	0.03	2.1	<0.1	<0.05	3	0.8	0.3
1198939	Soil	23	27	0.43	114	0.037	<1	1.66	0.004	0.07	0.4	0.02	2.0	0.2	<0.05	5	<0.5	<0.2
1198941	Soil	20	19	0.23	71	0.017	<1	0.93	0.003	0.05	0.2	0.03	3.1	0.2	<0.05	3	0.5	<0.2
1198934	Soil	15	21	0.33	58	0.018	<1	1.05	0.005	0.04	0.2	0.02	1.2	0.1	<0.05	4	<0.5	<0.2
1198936	Soil	30	18	0.28	114	0.017	<1	0.96	0.004	0.04	0.1	0.04	2.1	<0.1	<0.05	3	0.5	<0.2
1198938	Soil	43	11	0.12	48	0.004	<1	0.80	0.002	0.04	0.1	0.02	1.1	0.2	<0.05	2	<0.5	<0.2

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Project: MHR
Report Date: September 02, 2011

CERTIFICATE OF ANALYSIS DAW11000199.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1198940	Soil	1.2	14.3	13.8	55	0.1	15.0	5.7	200	2.74	20.3	0.7	1.2	5.6	5	0.1	4.1	0.3	36	0.03	0.029
1198935	Soil	0.9	36.3	29.3	50	0.1	25.2	13.0	289	3.57	26.2	1.7	1.4	13.6	7	<0.1	15.7	0.9	19	0.02	0.031
1198916	Soil	1.0	36.4	10.4	69	0.2	15.7	11.7	292	3.06	11.7	2.7	2.0	20.4	14	0.1	4.2	0.7	13	0.03	0.046
1198922	Soil	0.9	23.0	24.9	77	0.1	21.3	12.0	445	2.54	14.8	1.0	7.8	5.3	9	0.3	1.6	0.3	27	0.08	0.062
1198921	Soil	0.8	31.1	30.3	84	0.1	33.9	22.1	557	2.93	14.6	1.7	3.1	6.8	9	0.3	2.5	0.3	26	0.05	0.048
1198913	Soil	0.8	24.0	8.1	58	<0.1	22.8	9.1	269	2.11	10.2	1.0	2.3	6.9	11	0.2	0.8	0.2	27	0.11	0.062
1198915	Soil	0.7	20.4	10.1	67	<0.1	21.5	9.4	275	2.11	11.5	1.3	6.6	6.2	13	0.2	1.6	0.2	28	0.13	0.075
1198918	Soil	1.3	19.6	11.1	72	0.4	18.1	17.8	818	2.70	9.5	0.9	5.4	2.2	10	0.2	1.0	0.3	40	0.12	0.080
1198917	Soil	0.8	27.5	8.2	53	<0.1	24.0	11.5	355	2.24	8.6	1.5	2.7	7.2	6	0.2	1.7	0.2	23	0.06	0.037
1198914	Soil	0.9	30.8	11.7	62	<0.1	32.5	15.6	362	2.87	8.8	2.5	2.9	11.8	9	0.1	2.5	0.4	26	0.09	0.037
1110576	Soil	1.1	23.0	11.0	52	<0.1	30.2	12.7	322	2.58	11.6	1.0	2.4	5.8	7	<0.1	1.3	0.3	36	0.05	0.023
1110578	Soil	1.0	24.2	9.2	48	<0.1	24.7	15.1	290	2.51	9.0	1.2	8.4	8.0	8	<0.1	1.5	0.3	29	0.05	0.031
1096286	Soil	1.2	20.9	16.6	48	<0.1	16.4	9.6	341	2.62	17.9	1.6	2.7	2.9	12	0.2	1.9	0.5	38	0.09	0.056
1096285	Soil	0.8	30.9	9.9	61	<0.1	27.2	9.4	230	2.48	11.1	1.5	5.8	8.1	14	0.3	1.0	0.4	37	0.14	0.052
1110574	Soil	0.9	22.5	14.7	51	<0.1	23.7	10.6	251	2.55	8.5	0.9	2.6	4.8	7	0.1	0.7	0.3	32	0.04	0.029
1110575	Soil	2.0	39.5	38.5	67	<0.1	13.7	9.3	291	3.90	3.0	1.4	3.6	15.4	13	<0.1	0.5	0.6	18	0.03	0.046
1110577	Soil	0.9	24.7	9.2	48	<0.1	25.7	15.0	297	2.52	8.7	1.2	1.4	7.5	8	<0.1	1.5	0.2	28	0.05	0.030
1198912	Soil	1.3	32.5	11.1	65	<0.1	26.0	15.2	508	2.76	11.2	3.4	5.1	5.9	13	0.2	1.1	0.4	46	0.12	0.060
1110534	Soil	0.5	29.3	34.1	53	<0.1	51.2	34.6	462	2.23	10.4	1.8	1.9	9.1	9	0.2	0.7	0.3	21	0.11	0.041
1110538	Soil	0.7	28.9	19.9	61	<0.1	28.4	16.4	324	2.47	10.2	1.1	3.8	4.1	6	0.1	0.6	0.2	28	0.04	0.030
1110561	Soil	0.9	14.8	14.8	47	0.1	16.2	6.5	225	2.05	10.0	0.9	1.4	2.8	8	0.2	0.6	0.2	32	0.07	0.030
1110564	Soil	0.8	23.5	26.9	60	0.3	21.9	13.4	480	2.09	12.6	1.9	5.4	4.6	10	0.4	1.9	0.4	27	0.12	0.049
1110540	Soil	0.6	49.9	24.9	84	0.2	66.9	28.6	678	3.88	11.4	3.3	1.7	20.4	17	0.3	0.9	0.5	12	0.08	0.051
1110546	Soil	1.0	11.8	11.1	31	0.1	13.3	6.5	210	2.00	10.5	0.7	2.2	1.4	5	0.1	0.6	0.2	40	0.05	0.039
1110560	Soil	0.9	18.1	20.4	59	0.1	19.6	6.6	226	2.19	8.6	1.2	5.0	2.6	10	0.2	0.7	0.3	32	0.09	0.044
1151818	Soil	0.7	79.0	48.8	90	0.6	200.3	61.4	2048	5.70	67.3	1.0	3.1	5.2	10	0.4	3.5	0.3	85	0.08	0.052
1110545	Soil	0.8	17.4	68.7	112	0.4	46.1	22.2	1236	2.68	21.3	8.1	11.8	8.3	19	0.9	0.7	1.1	33	0.24	0.077
1110524	Soil	0.7	32.4	43.5	114	0.1	35.6	15.0	459	3.18	7.9	1.3	2.8	11.4	11	0.4	3.3	0.3	15	0.03	0.040
1110558	Soil	0.8	26.5	23.5	64	<0.1	38.6	25.5	440	2.61	9.3	1.5	2.7	9.4	12	0.2	1.0	0.3	26	0.08	0.039
1110559	Soil	1.1	19.4	42.5	69	0.3	21.4	8.3	297	2.49	9.1	1.3	2.5	4.3	19	0.3	0.9	0.6	34	0.09	0.043

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1198940	Soil	17	20	0.24	61	0.009	<1	1.30	0.003	0.03	0.2	0.02	1.3	<0.1	<0.05	5	<0.5	<0.2
1198935	Soil	32	15	0.24	53	0.005	<1	0.93	0.004	0.03	<0.1	0.02	1.4	0.1	<0.05	3	<0.5	<0.2
1198916	Soil	54	18	0.48	49	0.006	<1	1.21	0.004	0.03	<0.1	<0.01	1.0	<0.1	<0.05	4	<0.5	<0.2
1198922	Soil	19	19	0.35	63	0.018	<1	1.29	0.004	0.03	0.2	0.03	1.6	<0.1	<0.05	3	0.5	<0.2
1198921	Soil	26	20	0.39	95	0.015	<1	1.54	0.004	0.03	0.1	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1198913	Soil	18	18	0.36	81	0.029	<1	1.04	0.005	0.04	0.2	0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
1198915	Soil	19	19	0.36	106	0.026	<1	1.13	0.004	0.04	0.1	0.02	2.1	0.1	<0.05	3	<0.5	<0.2
1198918	Soil	16	29	0.41	101	0.019	2	1.90	0.005	0.04	0.2	0.05	1.7	0.1	<0.05	4	<0.5	<0.2
1198917	Soil	25	15	0.30	90	0.020	<1	0.91	0.003	0.03	0.1	0.03	1.5	<0.1	<0.05	2	<0.5	<0.2
1198914	Soil	39	22	0.48	112	0.018	1	1.40	0.003	0.05	<0.1	0.02	2.3	0.2	<0.05	4	<0.5	<0.2
1110576	Soil	20	25	0.38	67	0.029	1	1.29	0.004	0.04	0.2	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1110578	Soil	25	19	0.37	49	0.021	<1	1.12	0.003	0.04	0.2	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
1096286	Soil	24	24	0.40	90	0.020	<1	1.41	0.004	0.06	0.1	0.02	1.3	0.2	<0.05	4	<0.5	<0.2
1096285	Soil	30	26	0.52	204	0.039	1	1.54	0.005	0.09	0.1	0.02	2.9	0.4	<0.05	4	<0.5	<0.2
1110574	Soil	20	18	0.29	45	0.023	<1	1.02	0.003	0.03	0.2	0.04	1.1	<0.1	<0.05	3	<0.5	<0.2
1110575	Soil	46	21	0.67	39	0.011	<1	1.45	0.004	0.04	<0.1	0.01	1.1	<0.1	<0.05	4	<0.5	<0.2
1110577	Soil	25	19	0.37	49	0.022	<1	1.11	0.003	0.04	0.1	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1198912	Soil	40	29	0.51	219	0.033	<1	1.72	0.006	0.05	0.2	0.05	4.4	0.2	<0.05	5	<0.5	<0.2
1110534	Soil	40	15	0.47	85	0.017	<1	1.03	0.003	0.03	<0.1	<0.01	1.0	<0.1	<0.05	3	<0.5	<0.2
1110538	Soil	22	20	0.43	60	0.019	<1	1.35	0.003	0.03	0.1	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1110561	Soil	17	20	0.33	102	0.022	<1	1.04	0.003	0.03	0.2	0.03	1.4	0.1	<0.05	3	<0.5	<0.2
1110564	Soil	20	17	0.34	153	0.022	<1	0.94	0.004	0.04	0.1	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
1110540	Soil	54	19	0.71	38	0.003	<1	1.54	0.002	0.03	<0.1	0.01	0.9	<0.1	<0.05	4	<0.5	<0.2
1110546	Soil	16	16	0.18	38	0.020	<1	0.88	0.003	0.02	0.2	0.03	0.8	<0.1	<0.05	4	<0.5	<0.2
1110560	Soil	20	20	0.38	90	0.020	<1	1.08	0.004	0.03	0.2	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1151818	Soil	20	273	2.39	161	0.011	<1	3.02	0.002	0.03	<0.1	0.03	9.3	0.1	<0.05	8	<0.5	<0.2
1110545	Soil	22	42	0.70	75	0.019	<1	1.74	0.004	0.10	0.1	0.02	4.1	0.1	<0.05	5	<0.5	<0.2
1110524	Soil	43	12	0.17	62	0.007	<1	0.72	0.003	0.04	<0.1	0.03	1.2	<0.1	<0.05	2	<0.5	<0.2
1110558	Soil	33	20	0.49	78	0.029	<1	1.24	0.004	0.05	0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1110559	Soil	27	21	0.40	97	0.024	<1	1.28	0.005	0.04	0.3	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Project: MHR
Report Date: September 02, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1110562	Soil		1.0	16.6	14.2	44	<0.1	16.2	7.5	250	2.37	10.3	0.9	3.0	5.4	7	0.1	0.8	0.2	33	0.05	0.026
1110565	Soil		0.8	15.4	15.0	52	<0.1	16.3	5.9	220	2.16	10.6	0.9	6.4	2.0	8	0.2	1.1	0.2	31	0.08	0.040
1110566	Soil		0.9	19.8	19.0	56	0.2	21.5	9.1	424	2.41	42.1	1.1	3.9	2.3	9	0.2	1.8	0.3	31	0.08	0.045
1110563	Soil		1.1	24.3	51.9	93	0.3	35.9	18.4	578	2.59	8.6	2.6	4.7	7.2	13	0.6	2.1	0.4	22	0.12	0.059
1110517	Soil		0.7	15.2	11.1	46	<0.1	14.7	5.7	233	2.01	8.3	0.7	6.5	0.9	8	0.1	0.6	0.2	30	0.09	0.045
1110539	Soil		0.5	56.4	35.0	99	0.1	52.9	16.4	329	3.91	13.7	3.4	1.9	14.5	3	0.2	0.6	0.5	15	0.01	0.041
1110535	Soil		0.7	15.8	12.4	46	<0.1	20.2	8.2	364	2.20	10.0	0.6	2.3	2.1	11	0.1	0.7	0.2	35	0.14	0.055
1110536	Soil		0.8	19.5	12.1	48	<0.1	23.9	11.1	249	2.27	9.9	0.7	2.6	4.8	8	0.1	0.7	0.2	31	0.08	0.032
1110541	Soil		0.5	46.9	22.2	82	0.2	62.8	27.9	597	3.57	10.6	3.1	1.4	18.4	15	0.3	0.8	0.4	11	0.08	0.046
1110537	Soil		0.8	38.3	25.9	65	0.1	31.4	15.5	326	2.83	9.9	1.6	3.2	13.9	12	0.2	1.0	0.3	20	0.06	0.046
1110544	Soil		0.8	25.1	22.7	100	0.2	40.5	28.8	621	2.75	12.8	1.2	1.8	3.1	7	0.5	0.8	0.3	30	0.05	0.041
1110542	Soil		0.8	30.8	50.2	80	0.2	33.1	18.2	523	3.07	19.3	1.7	1.8	12.8	17	0.4	1.1	0.3	20	0.05	0.046
1110550	Soil		0.9	19.1	16.0	50	0.1	16.3	7.9	245	2.45	10.4	1.1	2.8	2.8	8	0.2	0.9	0.3	30	0.05	0.033
1110547	Soil		1.0	24.0	25.1	56	0.1	23.3	13.8	254	2.86	10.9	2.0	3.5	8.4	8	0.1	5.6	0.5	16	0.03	0.035
1110548	Soil		0.9	23.2	11.6	61	<0.1	26.9	15.8	501	2.52	11.3	0.9	2.8	3.2	8	0.2	1.0	0.3	33	0.05	0.043
1110556	Soil		0.7	37.0	33.2	104	0.2	42.1	21.1	930	4.25	7.4	1.9	2.8	16.4	98	0.4	0.7	1.1	114	0.58	0.149
1110552	Soil		1.2	71.9	83.5	126	0.4	92.8	67.5	3047	6.07	9.9	8.8	8.5	17.3	5	0.7	1.5	1.2	18	0.03	0.067
1110549	Soil		1.4	27.6	21.1	58	0.4	17.0	7.6	238	3.03	19.7	1.6	2.6	3.0	10	0.2	1.2	0.6	34	0.05	0.049
1110543	Soil		0.6	34.6	97.1	89	0.3	28.8	17.2	344	2.94	26.3	2.7	1.5	19.9	16	0.6	1.2	0.3	15	0.03	0.038
1110555	Soil		0.7	38.2	33.9	105	0.2	43.9	21.6	970	4.30	6.9	2.0	3.0	17.0	99	0.4	0.6	1.1	116	0.59	0.157
1110567	Soil		1.0	35.3	21.2	85	<0.1	28.2	22.6	650	3.77	8.7	1.7	1.9	5.4	11	0.1	0.7	0.4	29	0.05	0.065
1110573	Soil		1.0	37.8	35.7	67	<0.1	28.2	12.2	325	3.46	4.3	2.1	2.4	12.2	8	0.1	0.5	0.5	15	0.03	0.044
1110571	Soil		0.8	24.5	17.0	60	<0.1	25.6	11.5	390	2.66	9.0	1.3	6.0	6.5	8	0.2	0.7	0.3	28	0.07	0.040
1110569	Soil		0.9	23.3	16.5	57	<0.1	22.2	9.5	296	2.68	8.8	1.3	1.5	2.3	10	0.1	0.9	0.3	26	0.05	0.047
1110580	Soil		0.9	21.8	11.2	53	0.2	26.1	13.3	287	2.35	16.5	1.0	1.9	6.2	10	0.1	0.8	0.3	32	0.10	0.045
1110572	Soil		1.1	38.5	28.2	65	0.1	15.8	8.2	294	3.54	5.3	2.0	3.6	11.4	11	<0.1	0.7	0.6	21	0.05	0.054
1110570	Soil		0.9	24.6	14.6	66	<0.1	22.9	18.3	600	2.78	8.0	1.4	1.2	3.2	9	0.1	0.5	0.3	26	0.04	0.058
1110568	Soil		1.0	25.2	16.1	64	<0.1	18.6	10.0	314	3.05	10.1	1.3	3.6	3.0	9	0.1	0.6	0.3	33	0.06	0.050
1110584	Soil		1.0	16.0	12.7	41	<0.1	15.3	5.8	189	2.46	10.0	0.8	3.5	2.3	7	<0.1	0.8	0.2	33	0.05	0.036
1110583	Soil		3.3	25.0	34.5	40	0.3	59.3	15.8	426	2.27	5.5	1.4	2.2	0.8	6	0.1	1.6	0.4	20	0.04	0.088

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1110562	Soil	18	19	0.32	57	0.025	<1	1.09	0.004	0.03	0.2	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1110565	Soil	15	18	0.34	69	0.020	<1	0.98	0.004	0.04	0.2	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1110566	Soil	17	22	0.35	93	0.016	<1	1.03	0.003	0.04	0.1	0.03	1.5	0.1	<0.05	3	<0.5	<0.2
1110563	Soil	31	15	0.34	103	0.016	<1	0.95	0.003	0.04	0.2	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1110517	Soil	16	19	0.29	79	0.018	<1	0.96	0.004	0.03	0.1	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2
1110539	Soil	51	20	0.65	29	0.004	<1	1.74	0.002	0.03	<0.1	0.02	1.0	<0.1	<0.05	5	<0.5	<0.2
1110535	Soil	16	19	0.35	143	0.023	<1	1.04	0.004	0.03	0.2	0.02	1.4	0.1	<0.05	3	<0.5	<0.2
1110536	Soil	16	19	0.34	66	0.026	<1	1.17	0.004	0.04	0.2	0.04	1.5	<0.1	<0.05	3	<0.5	<0.2
1110541	Soil	48	16	0.65	28	0.003	<1	1.41	0.002	0.03	<0.1	0.02	0.9	<0.1	<0.05	4	<0.5	<0.2
1110537	Soil	35	19	0.57	72	0.016	<1	1.30	0.005	0.05	<0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1110544	Soil	25	20	0.40	74	0.017	<1	1.30	0.003	0.03	<0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
1110542	Soil	36	26	0.56	49	0.013	<1	1.34	0.004	0.04	<0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
1110550	Soil	20	19	0.35	72	0.016	<1	1.24	0.004	0.03	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1110547	Soil	36	11	0.16	61	0.004	1	0.91	0.003	0.04	<0.1	0.02	1.0	0.1	<0.05	2	<0.5	<0.2
1110548	Soil	18	20	0.39	60	0.020	1	1.19	0.004	0.03	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1110556	Soil	36	146	1.92	1072	0.275	1	2.73	0.013	0.94	0.3	0.02	8.3	1.0	<0.05	8	<0.5	<0.2
1110552	Soil	39	17	0.92	66	0.004	<1	1.89	0.002	0.03	<0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
1110549	Soil	26	22	0.39	88	0.013	<1	1.45	0.004	0.04	0.1	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
1110543	Soil	51	17	0.61	63	0.006	<1	1.38	0.004	0.04	<0.1	<0.01	0.9	<0.1	<0.05	4	<0.5	<0.2
1110555	Soil	37	157	1.98	1183	0.273	<1	2.70	0.013	0.97	0.3	<0.01	8.4	1.0	<0.05	9	<0.5	<0.2
1110567	Soil	34	21	0.61	47	0.015	1	1.51	0.005	0.04	0.1	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
1110573	Soil	44	13	0.30	39	0.007	<1	0.93	0.003	0.03	<0.1	0.01	1.0	<0.1	<0.05	2	<0.5	<0.2
1110571	Soil	24	19	0.44	73	0.023	1	1.14	0.004	0.04	0.2	0.02	1.6	<0.1	0.06	3	<0.5	<0.2
1110569	Soil	28	17	0.36	57	0.012	<1	1.06	0.003	0.03	0.2	0.03	0.9	<0.1	<0.05	3	<0.5	<0.2
1110580	Soil	17	20	0.38	81	0.028	1	1.29	0.004	0.05	0.2	0.03	1.8	0.1	<0.05	3	<0.5	<0.2
1110572	Soil	44	19	0.55	50	0.011	<1	1.31	0.005	0.04	0.1	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
1110570	Soil	26	19	0.46	54	0.012	<1	1.29	0.004	0.03	0.1	0.03	0.9	<0.1	<0.05	4	<0.5	<0.2
1110568	Soil	27	23	0.50	64	0.017	<1	1.41	0.005	0.04	0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1110584	Soil	17	17	0.27	46	0.017	<1	1.06	0.004	0.04	0.2	0.06	1.0	<0.1	<0.05	3	<0.5	<0.2
1110583	Soil	22	45	0.30	66	0.007	<1	1.13	0.007	0.07	<0.1	0.06	0.6	0.1	0.07	3	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1110587	Soil		1.6	24.2	8.6	45	<0.1	10.8	4.2	152	2.64	8.2	1.4	2.4	1.5	11	<0.1	1.1	0.4	25	0.04	0.060
1110579	Soil		1.1	48.4	16.9	55	<0.1	25.3	9.4	178	3.39	9.3	2.4	1.0	15.7	8	<0.1	2.0	0.6	12	0.01	0.035
1110582	Soil		1.0	21.3	9.0	40	0.1	15.2	6.8	155	3.03	10.3	1.1	1.5	7.8	8	<0.1	0.8	0.3	37	0.04	0.028
1110581	Soil		0.8	26.3	13.8	56	<0.1	36.8	24.8	387	2.57	12.9	1.2	1.6	8.1	9	0.1	1.1	0.3	28	0.10	0.045
1110585	Soil		0.9	28.2	10.1	39	0.2	16.8	7.2	124	3.37	83.8	1.1	4.6	10.4	10	0.1	10.3	0.5	28	0.03	0.032
1110589	Soil		0.8	23.0	23.2	23	0.4	7.7	3.4	75	2.23	272.1	0.8	20.7	11.2	8	<0.1	10.3	3.5	14	0.03	0.027
1110592	Soil		1.0	13.3	10.3	51	<0.1	18.4	7.6	227	2.45	12.1	0.5	1.1	2.4	9	0.2	0.7	0.2	41	0.08	0.028
1110588	Soil		1.0	18.5	7.6	39	<0.1	11.2	4.5	215	2.37	8.3	1.1	10.1	3.2	9	<0.1	0.9	0.4	25	0.08	0.059
1110590	Soil		1.2	20.1	10.5	55	<0.1	17.4	7.9	304	2.80	10.4	1.0	2.7	2.6	11	0.1	1.1	0.4	43	0.06	0.041
1110586	Soil		0.9	19.1	10.2	45	<0.1	17.9	8.9	248	2.47	9.9	0.8	2.3	4.8	8	0.1	0.8	0.2	33	0.07	0.031
1110599	Soil		0.6	21.4	7.7	52	<0.1	17.7	8.0	204	1.82	7.5	0.9	2.5	3.6	9	0.1	0.6	0.2	28	0.11	0.054
1110596	Soil		1.1	17.5	10.2	50	<0.1	16.9	8.7	261	2.42	13.5	1.0	14.0	1.2	10	0.1	0.9	0.3	35	0.07	0.056
1110591	Soil		1.3	19.1	11.5	53	<0.1	34.4	13.2	451	2.76	41.6	1.4	1.5	5.0	36	0.1	1.0	1.0	40	0.09	0.035
1110594	Soil		1.2	19.3	10.9	68	<0.1	24.8	10.5	378	2.55	14.7	1.2	4.4	2.6	28	0.2	0.9	0.3	43	0.19	0.065
1096043	Soil		0.8	40.7	6.2	47	0.2	18.4	7.0	80	3.37	2.3	2.6	1.4	20.9	31	<0.1	2.2	0.6	5	0.06	0.047
1110597	Soil		1.3	29.5	9.6	57	0.1	18.1	8.8	260	3.11	13.3	2.0	3.2	4.2	12	0.1	1.3	0.4	30	0.05	0.063
1071034	Soil		0.6	25.6	7.2	52	<0.1	20.8	8.2	232	1.94	9.7	1.3	2.9	5.9	12	0.2	0.7	0.2	24	0.13	0.060
1110593	Soil		1.3	30.3	10.1	52	<0.1	23.7	14.2	324	2.98	20.7	2.3	8.5	7.9	10	0.2	1.1	0.4	29	0.08	0.046
1096037	Soil		0.9	17.1	7.1	41	<0.1	12.0	4.7	181	2.49	10.6	0.8	1.0	3.3	8	<0.1	0.7	0.3	28	0.05	0.036
1096038	Soil		1.2	30.8	9.3	57	<0.1	24.2	16.1	232	3.34	24.5	1.4	1.8	9.1	44	0.1	1.0	0.3	32	0.07	0.031
1110598	Soil		0.8	22.7	9.2	58	<0.1	17.4	7.9	220	2.40	13.0	1.6	1.8	3.8	10	0.1	0.7	0.2	35	0.09	0.056
1110595	Soil		1.0	16.6	10.4	44	<0.1	15.5	6.0	195	2.32	15.9	1.0	3.7	1.9	9	0.1	0.8	0.3	38	0.07	0.040
1096040	Soil		0.8	19.1	6.9	49	<0.1	16.4	7.0	187	2.12	19.7	1.1	3.2	4.2	21	0.1	0.7	0.4	27	0.09	0.042
1096044	Soil		0.9	28.0	8.7	53	<0.1	20.4	11.4	288	2.80	9.8	1.0	0.8	7.7	17	0.1	1.0	0.3	31	0.09	0.048
1096041	Soil		0.5	19.4	7.5	46	<0.1	18.2	9.2	207	2.24	35.5	1.0	1.6	6.6	21	<0.1	0.8	0.3	24	0.11	0.055
1096039	Soil		0.8	10.7	10.0	39	<0.1	12.2	5.6	193	2.09	18.1	0.8	1.9	0.9	15	<0.1	0.7	0.4	34	0.07	0.038
1096036	Soil		1.8	29.9	12.7	81	<0.1	34.6	19.5	427	3.19	89.3	4.3	9.7	7.0	23	0.2	1.3	0.9	39	0.18	0.085
1071147	Soil		0.5	25.4	12.5	61	<0.1	37.0	35.0	427	2.66	13.2	1.3	1.3	5.7	8	0.2	0.9	0.2	28	0.05	0.028
1071398	Soil		0.7	33.7	7.9	48	0.1	18.7	8.7	192	3.26	7.4	2.4	0.6	14.8	13	0.1	1.4	0.3	19	0.07	0.057
1096042	Soil		0.7	21.0	8.7	57	<0.1	17.2	9.8	280	2.70	14.0	1.1	3.2	5.3	12	0.2	1.1	0.3	28	0.07	0.048

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 02, 2011

CERTIFICATE OF ANALYSIS DAW11000199.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1110587	Soil		26	18	0.40	54	0.008	<1	1.20	0.007	0.04	<0.1	0.04	0.7	0.1	0.06	4	<0.5	<0.2
1110579	Soil		54	13	0.46	34	0.003	<1	1.36	0.003	0.04	<0.1	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
1110582	Soil		22	19	0.31	49	0.019	<1	1.30	0.004	0.03	0.2	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1110581	Soil		23	20	0.41	68	0.022	<1	1.25	0.004	0.04	0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1110585	Soil		28	19	0.34	67	0.008	<1	1.37	0.005	0.04	0.1	0.04	1.1	0.2	<0.05	4	<0.5	<0.2
1110589	Soil		38	11	0.11	76	0.004	<1	0.57	0.003	0.05	<0.1	0.03	0.9	0.3	<0.05	2	<0.5	<0.2
1110592	Soil		13	21	0.34	98	0.032	<1	1.41	0.004	0.04	0.4	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
1110588	Soil		22	16	0.30	40	0.015	<1	0.83	0.005	0.03	0.2	0.03	0.9	<0.1	<0.05	3	<0.5	<0.2
1110590	Soil		17	25	0.39	80	0.028	<1	1.55	0.005	0.04	0.2	0.03	1.6	0.2	<0.05	5	<0.5	<0.2
1110586	Soil		15	20	0.36	80	0.024	1	1.27	0.004	0.03	0.2	0.05	1.6	<0.1	<0.05	3	<0.5	<0.2
1110599	Soil		16	18	0.34	90	0.025	<1	1.07	0.004	0.03	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1110596	Soil		20	21	0.33	65	0.018	<1	1.14	0.004	0.05	0.2	0.04	1.0	0.1	<0.05	4	<0.5	<0.2
1110591	Soil		17	23	0.47	159	0.035	<1	1.76	0.006	0.08	0.3	0.04	2.2	0.3	<0.05	5	<0.5	<0.2
1110594	Soil		17	28	0.46	185	0.034	1	1.45	0.006	0.05	0.3	0.02	2.1	0.2	<0.05	4	<0.5	<0.2
1096043	Soil		52	6	0.19	53	<0.001	<1	0.73	0.009	0.08	<0.1	0.01	1.1	0.2	0.05	2	<0.5	<0.2
1110597	Soil		34	22	0.48	59	0.019	<1	1.32	0.005	0.04	0.1	0.03	1.2	0.1	<0.05	4	<0.5	<0.2
1071034	Soil		18	16	0.32	169	0.028	<1	0.87	0.003	0.04	0.2	0.03	2.2	<0.1	<0.05	2	<0.5	<0.2
1110593	Soil		21	21	0.40	98	0.020	1	1.41	0.005	0.06	0.2	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1096037	Soil		17	16	0.30	42	0.016	<1	0.96	0.005	0.04	0.2	0.03	1.0	<0.1	<0.05	4	<0.5	<0.2
1096038	Soil		25	21	0.48	81	0.039	<1	1.50	0.014	0.13	0.1	0.04	1.9	0.3	0.12	5	<0.5	<0.2
1110598	Soil		20	23	0.40	104	0.027	<1	1.24	0.005	0.04	0.2	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
1110595	Soil		16	20	0.31	76	0.019	<1	1.25	0.004	0.04	0.2	0.05	1.5	0.1	<0.05	4	0.8	<0.2
1096040	Soil		20	16	0.31	59	0.023	1	0.98	0.005	0.05	0.3	0.05	1.1	0.1	<0.05	3	<0.5	<0.2
1096044	Soil		20	19	0.39	98	0.030	<1	1.26	0.009	0.08	0.1	0.02	1.7	0.1	0.07	4	0.8	<0.2
1096041	Soil		20	14	0.33	55	0.026	<1	0.90	0.008	0.05	0.2	0.03	1.2	<0.1	0.06	3	<0.5	<0.2
1096039	Soil		12	16	0.21	73	0.025	<1	0.96	0.004	0.03	0.3	0.05	1.0	0.1	0.05	4	<0.5	<0.2
1096036	Soil		21	24	0.41	123	0.046	1	1.25	0.006	0.10	1.6	0.05	2.2	0.2	0.08	4	<0.5	<0.2
1071147	Soil		20	18	0.40	69	0.022	<1	1.30	0.003	0.06	0.2	0.02	1.6	0.1	0.06	4	<0.5	<0.2
1071398	Soil		46	18	0.50	87	0.014	<1	1.29	0.007	0.05	<0.1	0.05	1.4	<0.1	0.07	4	0.7	<0.2
1096042	Soil		22	18	0.40	54	0.022	<1	1.12	0.005	0.04	0.2	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Project: MHR
Report Date: September 02, 2011

CERTIFICATE OF ANALYSIS DAW11000199.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1071399	Soil		1.0	24.6	9.2	50	<0.1	15.0	6.7	213	2.82	9.2	1.4	2.4	5.6	18	<0.1	1.2	0.3	27	0.04	0.047
1071397	Soil		1.1	23.8	11.7	50	<0.1	24.4	12.0	191	2.42	7.8	1.6	2.4	5.1	30	<0.1	1.1	0.3	27	0.13	0.068
1071146	Soil		1.0	20.9	10.1	45	0.1	14.6	5.4	177	2.59	13.2	1.0	3.3	2.2	10	0.1	1.0	0.4	32	0.05	0.050
1071148	Soil		0.9	17.9	10.2	45	<0.1	14.4	5.4	181	2.62	12.8	1.1	<0.5	5.2	16	0.2	0.7	0.3	35	0.05	0.027
1071396	Soil		1.0	11.3	10.3	36	<0.1	12.0	4.7	153	2.26	134.1	0.6	3.5	2.8	8	<0.1	0.9	0.3	38	0.06	0.021
1071149	Soil		0.8	21.1	8.1	48	<0.1	16.9	7.1	184	2.29	12.7	1.0	4.8	2.5	15	0.1	0.7	0.2	30	0.09	0.045
1071145	Soil		0.8	22.8	10.4	56	<0.1	17.2	6.5	187	3.11	8.1	1.2	7.3	4.5	12	0.2	1.1	0.2	34	0.05	0.033
1071150	Soil		0.9	19.1	8.8	38	<0.1	15.7	5.9	137	2.44	8.4	0.8	2.8	3.2	12	<0.1	0.6	0.2	34	0.05	0.032
1071142	Soil		1.1	23.7	10.6	46	0.5	14.6	5.8	193	2.63	15.4	0.6	<0.5	3.9	8	0.2	0.9	0.7	40	0.05	0.030
1071134	Soil		0.9	19.1	9.9	43	<0.1	14.2	7.0	191	2.35	8.7	0.8	<0.5	3.8	8	0.2	0.6	0.2	33	0.05	0.024
1071138	Soil		0.9	30.7	16.6	67	<0.1	26.8	14.3	221	2.69	8.3	1.4	6.2	6.7	25	0.2	1.0	0.2	25	0.08	0.046
1071400	Soil		0.8	21.0	8.7	49	<0.1	17.7	9.0	277	2.52	9.5	1.2	3.6	5.8	15	0.2	0.9	0.5	29	0.12	0.054
1071133	Soil		0.7	25.1	9.6	45	<0.1	21.9	13.5	190	2.04	9.8	1.0	1.1	2.1	12	0.1	0.9	0.2	29	0.09	0.055
1071144	Soil		1.2	21.3	12.4	48	<0.1	14.3	6.6	185	2.42	8.7	1.0	4.1	3.3	12	0.2	1.1	0.3	27	0.06	0.044
1071139	Soil		1.7	39.9	26.3	75	0.1	58.0	48.0	533	3.10	15.0	2.7	0.6	12.2	185	0.1	1.8	0.3	24	0.35	0.056
1071136	Soil		0.9	21.3	12.1	54	<0.1	18.7	7.5	191	2.68	10.0	1.1	<0.5	2.9	19	0.1	1.7	0.3	29	0.07	0.052
1071135	Soil		0.9	17.2	10.7	62	<0.1	18.8	9.4	285	2.47	10.1	0.7	2.2	2.2	14	0.2	0.8	0.1	35	0.13	0.070
1071141	Soil		1.7	27.8	10.1	66	<0.1	53.2	51.5	659	2.43	10.7	1.7	2.7	5.4	25	0.2	0.9	0.2	29	0.13	0.059
1071143	Soil		0.7	14.5	15.4	51	<0.1	21.8	13.5	354	2.00	9.5	0.6	5.7	2.3	9	0.2	0.6	0.1	29	0.12	0.059
1071137	Soil		1.4	43.7	32.7	75	0.1	28.9	15.4	293	3.45	9.7	2.6	<0.5	6.9	36	0.2	1.3	0.4	25	0.07	0.078
1071140	Soil		0.7	28.3	9.3	51	<0.1	18.8	9.5	233	2.30	10.0	1.2	2.9	3.2	17	0.2	0.8	0.2	24	0.11	0.055
1198907	Soil		0.7	19.7	10.6	54	<0.1	16.6	7.8	253	2.06	10.1	0.9	3.4	2.5	11	0.2	1.2	0.1	31	0.12	0.055
1198902	Soil		1.2	21.6	15.0	78	<0.1	22.7	10.4	483	2.52	12.3	1.0	4.0	3.2	11	0.3	1.9	0.2	41	0.11	0.049
1198903	Soil		1.2	9.6	16.9	40	<0.1	13.7	5.4	290	2.59	10.6	0.5	5.9	1.2	7	0.2	2.2	0.3	48	0.06	0.034
1198905	Soil		0.8	23.4	14.1	56	<0.1	18.0	7.5	304	1.88	10.6	0.6	0.6	4.0	11	0.2	1.7	0.2	30	0.13	0.043
1198904	Soil		1.3	16.2	16.9	60	<0.1	20.2	9.3	406	2.53	12.1	0.7	2.6	3.6	10	0.2	2.3	0.3	45	0.10	0.047
1198906	Soil		0.8	10.2	10.0	33	<0.1	9.8	4.6	158	1.78	8.2	0.5	2.5	0.4	8	<0.1	0.6	0.2	39	0.08	0.042
1198901	Soil		1.7	35.9	15.6	87	<0.1	35.5	15.6	641	2.92	14.9	1.1	9.5	4.3	12	0.3	2.3	0.2	55	0.11	0.048

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1071399	Soil	25	19	0.41	69	0.021	<1	1.22	0.010	0.08	0.1	0.05	1.3	0.1	0.09	4	<0.5	<0.2
1071397	Soil	20	21	0.36	90	0.031	<1	1.11	0.011	0.09	0.2	0.06	1.3	0.1	0.09	4	<0.5	<0.2
1071146	Soil	18	19	0.28	67	0.019	<1	1.07	0.007	0.04	0.2	0.07	1.2	0.1	0.08	4	<0.5	<0.2
1071148	Soil	21	19	0.31	58	0.023	<1	1.24	0.008	0.05	0.2	0.02	1.4	0.1	<0.05	4	<0.5	<0.2
1071396	Soil	13	16	0.23	53	0.025	<1	0.94	0.003	0.03	0.2	0.02	1.3	0.1	<0.05	4	<0.5	<0.2
1071149	Soil	16	17	0.29	61	0.025	<1	0.97	0.007	0.04	0.3	0.04	1.1	0.1	<0.05	3	<0.5	<0.2
1071145	Soil	21	21	0.39	53	0.023	<1	1.30	0.006	0.05	0.1	0.03	1.4	0.1	0.05	5	<0.5	<0.2
1071150	Soil	13	18	0.30	58	0.035	<1	1.22	0.006	0.07	0.2	0.06	1.4	0.1	0.06	4	<0.5	<0.2
1071142	Soil	12	18	0.27	62	0.025	<1	1.23	0.007	0.04	0.1	0.06	1.7	0.1	<0.05	4	<0.5	<0.2
1071134	Soil	15	17	0.30	54	0.021	<1	1.08	0.003	0.04	0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1071138	Soil	26	17	0.42	67	0.028	<1	1.16	0.015	0.09	0.3	0.03	1.4	0.1	0.10	4	<0.5	<0.2
1071400	Soil	16	21	0.37	87	0.033	<1	1.10	0.007	0.09	0.1	0.02	1.6	0.2	0.06	3	<0.5	<0.2
1071133	Soil	16	15	0.26	48	0.018	<1	0.90	0.004	0.04	0.2	0.02	1.0	0.1	<0.05	3	<0.5	<0.2
1071144	Soil	22	18	0.29	51	0.018	<1	0.92	0.006	0.04	0.1	0.05	1.2	<0.1	0.05	3	<0.5	<0.2
1071139	Soil	27	34	0.75	82	0.044	<1	2.21	0.015	0.25	0.2	0.03	2.3	0.2	0.06	6	<0.5	<0.2
1071136	Soil	20	19	0.35	68	0.024	<1	1.24	0.010	0.09	0.3	0.04	1.3	0.1	0.08	4	<0.5	<0.2
1071135	Soil	13	20	0.36	62	0.024	1	1.19	0.005	0.05	0.2	0.06	1.4	0.1	<0.05	4	<0.5	<0.2
1071141	Soil	17	17	0.38	82	0.030	1	1.19	0.006	0.06	0.3	0.03	1.5	0.2	<0.05	3	<0.5	<0.2
1071143	Soil	14	16	0.25	56	0.025	<1	0.91	0.003	0.03	0.2	0.04	1.1	<0.1	<0.05	3	<0.5	<0.2
1071137	Soil	33	25	0.56	82	0.025	<1	1.67	0.031	0.18	0.2	0.03	1.6	0.2	0.17	5	<0.5	<0.2
1071140	Soil	24	16	0.33	84	0.019	<1	0.93	0.008	0.05	0.1	0.04	1.0	<0.1	<0.05	3	<0.5	<0.2
1198907	Soil	15	20	0.33	125	0.023	<1	1.24	0.004	0.04	0.1	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1198902	Soil	15	22	0.35	122	0.030	<1	1.19	0.005	0.05	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1198903	Soil	15	23	0.22	69	0.021	<1	1.04	0.004	0.04	0.1	0.04	1.0	0.1	<0.05	5	<0.5	<0.2
1198905	Soil	18	18	0.32	215	0.027	1	1.05	0.004	0.04	0.2	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1198904	Soil	14	28	0.34	93	0.029	2	1.44	0.004	0.04	0.3	0.03	1.9	<0.1	0.05	4	<0.5	<0.2
1198906	Soil	11	21	0.25	67	0.015	1	1.01	0.004	0.03	0.2	0.03	0.7	<0.1	<0.05	4	<0.5	<0.2
1198901	Soil	16	32	0.47	197	0.034	2	1.64	0.005	0.05	0.2	0.02	3.7	<0.1	<0.05	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 02, 2011

QUALITY CONTROL REPORT DAW11000199.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1149775	Soil	1.0	26.9	17.1	62	<0.1	22.6	9.7	275	2.47	10.0	1.3	4.8	4.5	13	0.1	1.2	0.2	31	0.09	0.045
REP 1149775	QC	1.0	25.7	17.3	61	<0.1	21.2	9.2	261	2.45	9.5	1.3	3.1	4.4	13	0.1	1.0	0.2	30	0.09	0.044
1198937	Soil	2.2	44.9	38.2	65	0.1	19.6	9.2	282	3.80	15.9	1.5	19.3	8.8	11	<0.1	40.4	0.6	19	0.06	0.035
REP 1198937	QC	2.2	45.5	37.4	66	0.1	21.0	9.4	283	3.83	16.4	1.5	7.4	9.0	11	0.1	41.1	0.6	20	0.06	0.038
1198918	Soil	1.3	19.6	11.1	72	0.4	18.1	17.8	818	2.70	9.5	0.9	5.4	2.2	10	0.2	1.0	0.3	40	0.12	0.080
REP 1198918	QC	1.2	19.4	10.6	67	0.4	17.9	16.7	770	2.55	9.4	0.9	3.0	2.3	9	0.2	0.9	0.3	38	0.11	0.078
1110535	Soil	0.7	15.8	12.4	46	<0.1	20.2	8.2	364	2.20	10.0	0.6	2.3	2.1	11	0.1	0.7	0.2	35	0.14	0.055
REP 1110535	QC	0.7	15.9	12.8	48	<0.1	21.0	8.4	373	2.20	10.4	0.7	3.9	2.2	12	0.1	0.7	0.2	35	0.15	0.057
1110572	Soil	1.1	38.5	28.2	65	0.1	15.8	8.2	294	3.54	5.3	2.0	3.6	11.4	11	<0.1	0.7	0.6	21	0.05	0.054
REP 1110572	QC	1.1	37.4	27.9	65	0.1	15.0	8.0	289	3.47	5.0	2.1	3.2	11.3	11	<0.1	0.7	0.6	20	0.05	0.056
1110586	Soil	0.9	19.1	10.2	45	<0.1	17.9	8.9	248	2.47	9.9	0.8	2.3	4.8	8	0.1	0.8	0.2	33	0.07	0.031
REP 1110586	QC	0.9	17.9	9.8	42	<0.1	17.2	8.1	232	2.31	9.2	0.7	3.0	4.2	7	0.1	0.8	0.2	30	0.06	0.030
1096040	Soil	0.8	19.1	6.9	49	<0.1	16.4	7.0	187	2.12	19.7	1.1	3.2	4.2	21	0.1	0.7	0.4	27	0.09	0.042
REP 1096040	QC	0.7	20.2	7.1	49	<0.1	17.1	7.2	192	2.24	20.5	1.1	1.1	4.3	23	0.2	0.7	0.4	26	0.10	0.049
1071134	Soil	0.9	19.1	9.9	43	<0.1	14.2	7.0	191	2.35	8.7	0.8	<0.5	3.8	8	0.2	0.6	0.2	33	0.05	0.024
REP 1071134	QC	0.8	19.7	9.4	43	<0.1	14.6	6.9	193	2.31	8.8	0.8	1.1	3.9	7	0.1	0.5	0.2	33	0.05	0.023
Reference Materials																					
STD DS8	Standard	14.1	123.8	131.0	322	1.8	43.3	8.4	640	2.53	25.1	2.7	118.7	6.8	66	2.2	5.7	6.6	52	0.71	0.081
STD DS8	Standard	13.5	114.8	126.7	328	1.9	39.7	7.7	620	2.57	25.5	2.5	131.4	6.6	59	2.8	5.7	6.8	44	0.72	0.088
STD DS8	Standard	11.9	103.4	116.9	297	1.7	36.0	7.0	562	2.30	23.9	2.7	104.2	6.7	58	2.3	5.4	6.6	39	0.65	0.079
STD DS8	Standard	11.6	99.4	116.3	300	1.6	32.2	6.8	570	2.28	22.8	2.5	111.4	5.9	57	2.0	4.9	5.4	39	0.65	0.072
STD DS8	Standard	13.1	104.7	120.0	302	1.8	37.9	7.1	587	2.37	22.3	2.6	106.0	6.4	59	2.0	5.0	5.8	41	0.67	0.074
STD DS8	Standard	13.1	102.3	119.8	302	1.8	38.0	7.3	582	2.37	23.4	2.4	115.1	6.4	61	2.1	5.1	5.8	40	0.65	0.076
STD DS8	Standard	13.3	111.9	126.7	342	1.8	39.2	7.8	660	2.59	26.1	2.8	127.9	6.5	68	2.3	5.7	6.1	43	0.74	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 02, 2011

QUALITY CONTROL REPORT DAW11000199.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1149775	Soil	22	21	0.40	127	0.012	<1	1.19	0.005	0.04	0.1	0.02	1.7	<0.1	<0.05	4	0.6	<0.2
REP 1149775	QC	22	20	0.38	123	0.012	1	1.20	0.005	0.04	0.2	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1198937	Soil	25	17	0.34	152	0.011	<1	1.04	0.004	0.03	<0.1	0.03	2.1	<0.1	<0.05	3	0.8	0.3
REP 1198937	QC	26	17	0.36	153	0.012	<1	1.11	0.004	0.04	<0.1	0.05	2.1	<0.1	<0.05	3	0.7	0.2
1198918	Soil	16	29	0.41	101	0.019	2	1.90	0.005	0.04	0.2	0.05	1.7	0.1	<0.05	4	<0.5	<0.2
REP 1198918	QC	15	27	0.41	98	0.020	1	1.85	0.005	0.04	0.2	0.05	1.6	0.1	<0.05	4	<0.5	<0.2
1110535	Soil	16	19	0.35	143	0.023	<1	1.04	0.004	0.03	0.2	0.02	1.4	0.1	<0.05	3	<0.5	<0.2
REP 1110535	QC	17	20	0.38	154	0.027	<1	1.11	0.004	0.03	0.3	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1110572	Soil	44	19	0.55	50	0.011	<1	1.31	0.005	0.04	0.1	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
REP 1110572	QC	44	19	0.55	49	0.011	1	1.32	0.005	0.04	0.1	0.03	1.0	<0.1	<0.05	4	<0.5	<0.2
1110586	Soil	15	20	0.36	80	0.024	1	1.27	0.004	0.03	0.2	0.05	1.6	<0.1	<0.05	3	<0.5	<0.2
REP 1110586	QC	14	19	0.34	79	0.021	<1	1.22	0.004	0.03	0.2	0.05	1.5	<0.1	<0.05	3	<0.5	<0.2
1096040	Soil	20	16	0.31	59	0.023	1	0.98	0.005	0.05	0.3	0.05	1.1	0.1	<0.05	3	<0.5	<0.2
REP 1096040	QC	21	16	0.30	61	0.024	1	1.00	0.005	0.05	0.4	0.05	1.2	0.1	0.06	3	<0.5	<0.2
1071134	Soil	15	17	0.30	54	0.021	<1	1.08	0.003	0.04	0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
REP 1071134	QC	16	17	0.29	53	0.021	<1	1.09	0.004	0.04	0.2	0.02	1.3	0.1	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	131	0.63	266	0.123	3	0.94	0.091	0.41	3.3	0.19	2.3	5.5	0.25	5	4.7	4.9
STD DS8	Standard	13	125	0.66	270	0.105	2	0.95	0.087	0.44	3.4	0.19	2.0	5.8	0.18	5	5.6	5.2
STD DS8	Standard	13	109	0.57	243	0.103	2	0.82	0.076	0.37	2.7	0.17	1.9	5.1	0.15	4	4.9	4.8
STD DS8	Standard	14	105	0.54	249	0.106	2	0.84	0.081	0.39	2.7	0.20	2.0	5.2	0.12	4	3.8	4.2
STD DS8	Standard	14	119	0.60	258	0.111	2	0.87	0.079	0.38	2.9	0.20	1.8	5.3	0.20	4	4.9	4.7
STD DS8	Standard	15	116	0.58	267	0.106	2	0.86	0.073	0.40	2.7	0.21	2.0	5.3	0.14	4	5.0	4.7
STD DS8	Standard	16	123	0.63	286	0.117	3	0.98	0.092	0.47	3.1	0.19	2.7	5.5	0.17	5	6.1	5.3
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Project: MHR
Report Date: September 02, 2011

QUALITY CONTROL REPORT DAW11000199.1

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

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Project: MHR
Report Date: September 02, 2011

QUALITY CONTROL REPORT DAW11000199.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 14, 2011
Report Date: September 15, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000229.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-04
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000229.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1097225	Soil		0.9	22.6	18.3	58	<0.1	33.6	9.9	285	2.40	12.0	0.9	6.1	2.4	11	0.2	1.3	0.3	34	0.12	0.059
1097232	Soil		0.9	26.9	16.4	68	<0.1	20.5	11.5	346	3.09	8.6	1.4	<0.5	5.2	13	0.2	0.6	0.3	33	0.10	0.060
1097228	Soil		1.0	19.9	17.6	50	0.1	23.4	7.1	187	2.22	9.7	1.1	4.8	0.4	10	0.2	0.9	0.2	40	0.09	0.063
1097233	Soil		0.9	25.7	17.1	65	<0.1	21.9	10.1	281	2.91	8.6	1.3	1.9	4.3	10	0.1	0.9	0.3	34	0.08	0.054
1097222	Soil		0.8	19.8	12.8	54	<0.1	18.1	6.4	224	2.18	9.9	0.9	8.0	2.2	13	0.3	1.3	0.2	39	0.17	0.071
1097235	Soil		1.2	12.9	20.8	58	<0.1	17.4	8.1	298	3.12	12.8	0.7	0.7	4.8	8	0.1	1.5	0.2	48	0.07	0.030
1097234	Soil		1.0	23.8	17.7	64	<0.1	19.2	9.9	300	3.01	8.8	1.2	0.9	4.2	10	0.1	1.4	0.2	30	0.07	0.054
1097231	Soil		0.9	29.4	19.6	69	<0.1	28.2	15.0	434	3.00	8.0	1.4	2.0	6.5	14	0.3	1.4	0.3	32	0.12	0.061
1097221	Soil		0.7	16.9	10.4	50	<0.1	16.1	5.6	181	1.91	8.2	0.8	3.9	2.0	13	0.3	1.2	0.1	34	0.18	0.068
1097215	Soil		1.2	24.2	50.3	105	0.3	22.0	8.8	373	2.76	19.7	1.1	19.7	2.7	13	0.4	6.9	0.2	42	0.13	0.074
1097224	Soil		0.9	34.5	20.4	61	0.1	66.3	13.9	360	2.78	19.0	1.0	4.6	3.4	16	0.2	1.8	0.2	38	0.15	0.056
1097214	Soil		1.3	24.6	15.5	76	0.1	25.0	9.6	480	2.96	14.3	1.1	3.2	1.3	15	0.2	1.6	0.2	50	0.15	0.072
1097218	Soil		0.8	25.5	17.8	60	0.1	20.8	7.2	269	2.32	11.0	1.0	13.5	3.1	13	0.3	1.5	0.1	37	0.16	0.068
1097217	Soil		1.0	22.9	24.0	63	0.1	17.3	6.4	244	2.41	13.0	1.0	16.8	1.8	12	0.3	3.2	0.2	40	0.13	0.071
1097223	Soil		1.1	29.8	26.5	76	0.1	27.5	10.9	352	2.84	10.9	1.1	13.6	4.2	17	0.2	2.3	0.2	46	0.17	0.075
1097219	Soil		1.0	18.4	12.8	60	<0.1	18.6	6.8	268	2.26	9.5	0.9	1.7	2.0	15	0.3	1.6	0.2	41	0.20	0.071
1097230	Soil		0.9	20.5	13.1	53	<0.1	19.3	8.7	226	2.47	8.3	1.0	1.3	1.2	11	<0.1	0.6	0.2	36	0.11	0.056
1097201	Soil		1.0	27.2	15.1	92	<0.1	27.8	14.1	649	3.30	11.7	0.8	2.4	3.9	22	0.5	1.4	0.2	46	0.23	0.081
1097211	Soil		1.2	28.4	15.5	80	0.1	29.7	11.8	519	2.94	13.5	1.1	27.5	3.3	17	0.4	2.5	0.2	43	0.17	0.084
1097202	Soil		1.2	42.5	18.3	106	0.2	41.1	16.1	639	3.50	11.7	1.3	4.3	6.1	23	0.5	2.6	0.2	37	0.24	0.095
1097229	Soil		0.8	24.5	13.8	64	0.1	29.3	11.6	385	2.30	9.1	0.9	9.5	5.4	16	0.3	1.2	0.2	33	0.17	0.065
1097210	Soil		1.2	27.7	15.3	84	0.1	29.3	11.6	560	3.00	14.6	1.0	2.2	2.3	15	0.4	2.2	0.2	47	0.15	0.086
1097206	Soil		1.2	30.2	14.2	78	0.1	25.2	12.3	331	3.13	13.6	1.3	8.9	3.7	15	0.2	1.9	0.2	48	0.16	0.085
1097212	Soil		1.2	19.8	15.4	73	<0.1	22.8	15.4	1445	2.94	14.6	0.8	15.9	1.6	13	0.4	2.1	0.2	46	0.11	0.085
1097227	Soil		1.1	23.7	18.0	66	<0.1	33.9	9.6	281	2.71	15.0	1.0	2.1	1.6	15	0.2	1.2	0.2	46	0.14	0.058
1097207	Soil		0.9	19.2	11.3	51	<0.1	22.0	8.8	348	2.32	12.6	0.5	13.3	2.7	8	0.3	1.0	0.2	38	0.08	0.036
1097208	Soil		0.6	18.1	8.8	59	<0.1	18.2	7.5	290	2.04	8.2	0.7	25.0	4.0	14	0.4	1.6	0.1	33	0.18	0.072
1097205	Soil		1.4	39.5	14.4	97	0.1	34.4	13.3	520	3.46	14.1	1.2	5.9	5.4	23	0.5	2.8	0.2	50	0.25	0.095
1097226	Soil		1.2	25.1	19.6	70	0.1	37.0	10.2	303	2.93	16.2	1.1	0.5	1.6	16	0.2	1.3	0.2	48	0.16	0.062
1097203	Soil		1.4	34.8	13.7	107	<0.1	59.0	22.3	973	4.68	33.2	1.0	8.3	4.7	49	0.4	9.3	0.1	66	0.38	0.133

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Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000229.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1097225	Soil		21	39	0.42	115	0.022	2	1.17	0.004	0.04	0.2	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
1097232	Soil		32	23	0.52	95	0.021	<1	1.46	0.004	0.04	0.1	0.02	1.8	<0.1	<0.05	4	0.9	<0.2
1097228	Soil		17	36	0.42	113	0.017	<1	1.40	0.005	0.04	0.2	0.03	1.4	0.1	<0.05	4	0.8	<0.2
1097233	Soil		28	22	0.39	78	0.019	2	1.34	0.004	0.04	0.2	0.03	1.6	<0.1	<0.05	4	0.7	<0.2
1097222	Soil		19	23	0.32	112	0.032	<1	1.03	0.004	0.04	0.3	0.04	1.8	<0.1	<0.05	3	0.6	<0.2
1097235	Soil		15	25	0.32	76	0.030	1	1.40	0.004	0.03	0.2	0.04	1.8	<0.1	<0.05	5	0.6	<0.2
1097234	Soil		31	22	0.42	75	0.016	<1	1.29	0.004	0.04	0.1	0.03	1.4	<0.1	<0.05	4	0.6	<0.2
1097231	Soil		31	23	0.48	130	0.026	1	1.36	0.005	0.05	0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1097221	Soil		17	20	0.30	92	0.030	<1	1.04	0.004	0.04	0.4	0.04	1.4	<0.1	<0.05	3	0.8	<0.2
1097215	Soil		20	26	0.40	145	0.029	1	1.31	0.005	0.05	0.4	0.05	2.7	0.1	<0.05	4	0.6	<0.2
1097224	Soil		24	66	0.55	178	0.026	1	1.19	0.005	0.04	0.2	0.04	3.2	<0.1	<0.05	4	0.5	<0.2
1097214	Soil		16	30	0.45	205	0.031	1	1.52	0.007	0.06	0.4	0.03	2.2	0.1	<0.05	5	0.7	<0.2
1097218	Soil		16	23	0.36	104	0.034	1	1.16	0.005	0.04	0.4	0.07	2.2	<0.1	<0.05	3	0.6	<0.2
1097217	Soil		18	23	0.32	134	0.021	<1	1.15	0.005	0.04	0.4	0.05	1.9	<0.1	<0.05	3	0.6	<0.2
1097223	Soil		30	44	0.48	121	0.044	1	1.16	0.005	0.08	0.2	0.03	3.2	0.2	<0.05	4	0.6	<0.2
1097219	Soil		18	23	0.31	88	0.034	1	1.01	0.005	0.05	0.4	0.03	1.6	<0.1	<0.05	3	0.8	<0.2
1097230	Soil		28	32	0.44	108	0.018	<1	1.35	0.004	0.04	0.1	0.03	1.4	0.1	<0.05	4	0.6	<0.2
1097201	Soil		19	26	0.43	155	0.045	2	1.41	0.008	0.08	0.2	0.03	2.9	0.1	<0.05	4	0.8	<0.2
1097211	Soil		19	26	0.39	255	0.033	<1	1.35	0.006	0.06	0.4	0.04	2.7	0.1	<0.05	4	0.5	<0.2
1097202	Soil		19	24	0.35	190	0.038	1	0.91	0.007	0.07	0.3	0.04	3.1	<0.1	<0.05	3	0.8	<0.2
1097229	Soil		23	28	0.41	125	0.034	1	1.01	0.005	0.05	0.2	0.03	2.1	<0.1	<0.05	3	0.6	<0.2
1097210	Soil		19	31	0.41	157	0.032	2	1.37	0.007	0.06	0.3	0.05	2.8	0.1	<0.05	4	0.6	<0.2
1097206	Soil		21	31	0.46	155	0.042	2	1.55	0.006	0.06	0.4	0.06	3.4	0.1	<0.05	4	0.7	<0.2
1097212	Soil		16	25	0.33	112	0.027	2	1.26	0.005	0.06	0.3	0.05	1.7	0.1	<0.05	4	0.5	<0.2
1097227	Soil		19	53	0.52	150	0.027	<1	1.51	0.006	0.06	0.2	0.03	2.4	0.1	<0.05	5	0.7	<0.2
1097207	Soil		14	20	0.28	90	0.035	1	1.16	0.005	0.04	0.2	0.04	1.7	<0.1	<0.05	3	0.5	<0.2
1097208	Soil		19	20	0.31	79	0.034	<1	0.85	0.004	0.04	0.3	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
1097205	Soil		22	31	0.50	202	0.056	1	1.30	0.007	0.07	0.3	0.04	3.9	0.1	<0.05	4	0.8	<0.2
1097226	Soil		21	55	0.55	168	0.027	1	1.64	0.006	0.06	0.2	0.03	2.6	0.1	<0.05	5	1.2	<0.2
1097203	Soil		21	77	0.71	253	0.073	2	1.38	0.007	0.21	0.2	0.05	7.2	0.3	<0.05	5	0.7	<0.2

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Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000229.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1097204	Soil	1.1	37.2	14.6	89	<0.1	34.4	14.2	547	3.15	13.9	1.2	2.8	5.4	21	0.4	3.8	0.2	44	0.23	0.095
1097209	Soil	1.1	25.7	12.7	77	0.1	25.5	10.6	479	2.80	12.6	0.9	20.8	3.4	17	0.5	2.5	0.2	42	0.19	0.087
1098021	Soil	0.6	35.4	18.3	72	0.2	28.9	10.9	402	2.88	8.0	0.8	<0.5	9.2	28	0.2	0.3	0.2	41	0.57	0.082
1098024	Soil	0.7	33.0	15.8	72	<0.1	29.9	11.8	407	2.94	11.3	0.8	<0.5	12.2	17	0.1	0.4	0.3	29	0.23	0.044
1098023	Soil	0.5	28.5	13.7	65	0.1	27.3	9.8	327	2.69	8.4	1.2	<0.5	10.4	20	<0.1	0.3	0.2	28	0.30	0.049
1098016	Soil	0.7	25.1	30.3	127	0.7	26.3	11.1	459	2.67	85.6	2.3	6.9	3.4	23	0.7	0.8	0.4	27	0.33	0.069
1098017	Soil	1.0	25.4	17.8	68	0.3	23.2	9.6	363	2.24	26.8	1.2	2.1	2.2	14	0.4	0.8	0.2	34	0.17	0.059
1098013	Soil	0.9	42.0	15.5	72	0.2	38.5	13.7	239	2.92	26.1	1.6	2.9	8.2	17	0.2	0.8	0.3	34	0.12	0.028
1098019	Soil	0.8	52.6	22.7	101	0.2	43.4	20.1	789	3.80	20.1	1.0	8.5	16.0	20	0.3	0.5	0.5	26	0.21	0.054
1098022	Soil	0.6	26.5	12.1	57	0.1	24.4	9.4	342	2.37	8.9	0.8	2.9	6.2	24	0.1	0.3	0.2	32	0.32	0.052
1098028	Soil	1.1	27.6	45.5	78	0.7	25.1	13.6	810	2.71	8.8	1.3	2.9	5.0	30	0.3	0.4	0.3	35	0.40	0.076
1098026	Soil	0.7	29.8	17.3	73	0.2	28.4	10.6	399	2.48	7.9	0.9	7.0	10.9	22	0.3	0.3	0.3	28	0.29	0.050
1098014	Soil	1.4	36.0	22.7	84	0.1	39.1	16.9	308	3.74	42.9	2.6	1.9	12.4	23	0.2	0.5	0.5	24	0.12	0.040
1098020	Soil	0.7	34.3	17.6	65	0.1	34.5	13.5	450	2.93	13.5	1.0	9.7	11.5	20	0.1	0.4	0.3	38	0.24	0.037
1098029	Soil	1.0	48.3	13.3	72	0.3	34.8	16.6	484	2.82	7.7	1.3	10.1	5.9	25	0.2	0.4	0.2	44	0.34	0.077
1098030	Soil	1.6	38.4	11.5	56	0.2	27.7	16.3	502	2.93	7.8	1.2	2.9	3.7	35	<0.1	0.3	0.2	53	0.54	0.075
1098027	Soil	0.7	27.6	17.3	64	0.3	26.0	11.6	403	2.36	7.2	1.0	2.0	5.9	26	0.2	0.4	0.2	26	0.36	0.055
1098015	Soil	1.9	39.3	17.8	86	0.3	55.2	24.8	841	3.32	23.9	4.0	13.3	11.6	52	0.3	0.3	0.4	20	0.46	0.069
1097220	Soil	0.7	18.3	10.6	49	<0.1	17.4	5.8	197	1.96	8.0	0.9	6.9	2.1	14	0.2	1.1	0.1	36	0.17	0.064
1097216	Soil	0.9	39.2	32.5	89	0.2	32.9	11.8	458	2.99	15.6	1.3	16.3	7.4	18	0.6	8.7	0.2	44	0.20	0.091
1097213	Soil	1.2	26.7	13.1	71	0.1	25.3	9.9	447	2.69	13.2	1.0	32.9	2.5	15	0.3	1.7	0.2	46	0.16	0.076
1098002	Soil	1.1	36.0	15.5	65	<0.1	27.4	10.9	368	2.86	29.3	1.4	2.9	8.4	11	0.1	0.9	0.3	33	0.09	0.028
1098005	Soil	1.0	27.5	12.3	60	<0.1	19.3	8.5	248	2.61	15.8	1.3	2.0	5.7	10	<0.1	0.7	0.2	27	0.08	0.038
1098003	Soil	1.1	35.6	12.9	79	0.1	25.4	9.0	313	2.50	17.2	1.3	3.9	7.8	19	0.2	0.9	0.2	28	0.20	0.064
1098004	Soil	0.9	28.2	14.0	57	<0.1	20.2	7.9	201	2.55	17.5	1.3	7.3	7.5	10	<0.1	0.6	0.2	29	0.07	0.036
1098001	Soil	0.9	30.6	15.2	60	0.3	21.7	9.1	264	2.47	17.7	1.2	9.2	2.9	15	0.3	0.6	0.3	31	0.15	0.045
1098009	Soil	1.0	27.2	13.8	57	0.2	19.3	7.6	234	2.63	25.2	1.1	3.3	6.2	12	0.1	0.6	0.2	36	0.07	0.033
1098008	Soil	1.1	24.0	13.7	57	0.1	16.4	7.4	262	2.65	27.9	1.1	3.6	5.9	10	0.1	0.6	0.3	32	0.06	0.041
1098007	Soil	1.4	43.0	19.3	85	0.3	32.7	13.8	362	3.98	19.6	1.2	2.5	4.8	14	0.2	0.7	0.5	23	0.07	0.063
1098006	Soil	0.9	17.9	11.9	47	0.3	15.4	6.0	219	2.18	16.2	0.8	2.4	3.7	13	0.2	0.5	0.2	35	0.12	0.046

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600 - 666 Burrard St.
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Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000229.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1097204	Soil	22	29	0.47	133	0.046	1	1.15	0.006	0.06	0.2	0.04	3.4	<0.1	<0.05	3	0.6	<0.2
1097209	Soil	20	26	0.37	169	0.034	<1	1.06	0.006	0.06	0.4	0.05	2.3	<0.1	<0.05	3	0.7	<0.2
1098021	Soil	38	34	0.91	230	0.047	1	1.65	0.009	0.15	0.1	0.03	3.6	0.2	<0.05	5	0.6	<0.2
1098024	Soil	40	26	0.49	169	0.038	<1	1.34	0.006	0.10	<0.1	0.02	2.7	0.1	<0.05	4	<0.5	<0.2
1098023	Soil	38	26	0.50	211	0.048	<1	1.35	0.009	0.13	0.1	0.03	2.7	0.2	<0.05	4	0.5	<0.2
1098016	Soil	26	23	0.49	90	0.016	<1	1.20	0.005	0.05	0.3	0.03	1.6	<0.1	<0.05	3	0.8	<0.2
1098017	Soil	20	23	0.42	119	0.025	1	1.15	0.005	0.04	0.3	0.03	1.7	<0.1	<0.05	3	1.2	<0.2
1098013	Soil	26	23	0.46	181	0.038	<1	1.53	0.006	0.04	0.1	0.02	2.2	<0.1	<0.05	4	0.6	<0.2
1098019	Soil	45	28	0.63	222	0.046	2	1.40	0.005	0.15	0.1	<0.01	3.2	0.2	<0.05	4	<0.5	<0.2
1098022	Soil	27	24	0.47	203	0.028	<1	1.23	0.007	0.07	0.2	0.02	1.9	0.1	<0.05	3	0.8	<0.2
1098028	Soil	28	29	0.60	240	0.019	<1	1.35	0.006	0.05	0.1	0.04	2.4	0.1	<0.05	4	0.6	<0.2
1098026	Soil	35	23	0.49	171	0.020	<1	1.16	0.006	0.07	0.1	0.03	2.3	0.1	<0.05	3	<0.5	<0.2
1098014	Soil	34	22	0.57	77	0.010	<1	1.48	0.005	0.05	0.1	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1098020	Soil	33	29	0.61	206	0.039	<1	1.56	0.007	0.08	0.1	0.02	3.1	0.1	<0.05	4	0.7	<0.2
1098029	Soil	31	37	0.79	350	0.026	<1	1.53	0.006	0.05	0.2	0.02	3.2	0.1	<0.05	5	0.7	<0.2
1098030	Soil	15	38	0.86	380	0.043	<1	1.48	0.007	0.04	0.1	0.03	2.2	0.1	<0.05	5	<0.5	<0.2
1098027	Soil	31	26	0.50	192	0.021	<1	1.16	0.006	0.07	0.2	0.03	2.1	0.1	<0.05	3	<0.5	<0.2
1098015	Soil	44	24	0.39	73	0.006	<1	0.93	0.004	0.05	0.1	0.02	2.1	0.1	<0.05	3	1.1	<0.2
1097220	Soil	18	21	0.33	90	0.034	1	1.03	0.004	0.04	0.4	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1097216	Soil	26	24	0.34	178	0.039	1	0.88	0.005	0.05	0.6	0.05	3.2	<0.1	<0.05	3	1.0	<0.2
1097213	Soil	15	25	0.40	171	0.026	1	1.28	0.005	0.06	0.5	0.04	2.2	<0.1	<0.05	4	0.9	<0.2
1098002	Soil	26	25	0.46	164	0.033	<1	1.35	0.005	0.04	0.1	0.04	3.1	<0.1	<0.05	4	0.8	<0.2
1098005	Soil	26	20	0.44	114	0.023	<1	1.10	0.004	0.03	0.1	<0.01	1.7	<0.1	<0.05	3	1.0	<0.2
1098003	Soil	22	20	0.44	297	0.034	<1	1.09	0.006	0.04	0.1	0.03	2.4	<0.1	<0.05	3	0.9	<0.2
1098004	Soil	26	20	0.45	137	0.017	<1	1.13	0.004	0.03	0.1	0.02	1.9	<0.1	<0.05	4	0.6	<0.2
1098001	Soil	24	21	0.46	138	0.021	<1	1.21	0.005	0.04	0.1	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
1098009	Soil	19	22	0.43	124	0.018	<1	1.18	0.005	0.04	0.1	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1098008	Soil	23	20	0.41	104	0.018	<1	1.23	0.004	0.04	0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1098007	Soil	24	16	0.29	163	0.012	<1	0.89	0.005	0.04	0.1	<0.01	1.1	0.2	<0.05	4	0.8	<0.2
1098006	Soil	15	20	0.35	156	0.019	<1	1.06	0.005	0.04	0.2	0.02	1.8	0.1	<0.05	4	1.2	<0.2

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Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000229.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098018	Soil	0.7	28.9	26.4	63	0.2	27.8	12.3	464	2.64	10.0	0.9	3.1	7.3	18	0.2	0.4	0.4	33	0.22	0.051
1098012	Soil	1.0	38.0	20.6	83	0.2	37.8	13.6	256	3.22	57.2	1.9	6.0	9.9	10	0.1	0.8	0.3	20	0.04	0.028
1098011	Soil	0.9	27.1	16.0	54	0.2	20.7	8.0	203	2.39	25.6	1.1	3.5	5.8	11	0.2	0.4	0.3	28	0.06	0.028
1098010	Soil	0.8	17.4	13.1	45	0.3	14.1	5.9	160	2.16	24.0	0.8	5.8	5.9	11	0.1	0.4	0.2	32	0.08	0.025
1036625	Soil	1.0	24.8	19.1	63	<0.1	21.9	9.0	238	2.29	8.2	1.4	2.5	8.4	16	0.3	6.3	0.2	27	0.11	0.038
1036626	Soil	0.8	23.2	16.9	52	<0.1	17.9	7.3	217	2.03	7.9	1.5	7.2	4.9	14	0.1	3.8	0.2	33	0.11	0.034
1144747	Soil	0.7	25.7	11.4	59	<0.1	23.9	9.1	316	2.26	10.8	0.9	3.7	5.2	22	0.2	1.5	0.2	41	0.21	0.054
1036627	Soil	0.6	24.9	11.8	55	<0.1	21.2	7.8	258	2.01	8.5	1.2	6.6	3.1	16	0.2	1.6	0.1	38	0.15	0.053
1151819	Soil	0.7	31.2	11.0	54	<0.1	27.7	10.7	397	2.32	8.4	0.9	4.1	4.4	13	0.2	1.4	0.2	39	0.14	0.048
1036628	Soil	0.6	26.4	10.9	62	0.1	22.7	9.3	325	1.94	8.3	1.6	3.8	4.8	21	0.2	1.3	0.1	42	0.22	0.066
1036631	Soil	0.8	25.2	17.1	60	<0.1	20.9	8.3	280	1.95	10.4	1.3	5.0	5.0	16	0.1	1.4	0.2	35	0.17	0.059
1036633	Soil	0.9	25.2	14.3	67	<0.1	22.4	9.1	262	2.37	11.2	1.2	4.0	4.4	14	0.2	1.7	0.2	36	0.15	0.053
1036619	Soil	0.8	18.9	15.1	55	<0.1	16.8	7.0	233	2.32	10.8	1.0	3.5	2.6	10	0.1	2.0	0.2	34	0.10	0.049
1036623	Soil	0.8	21.3	14.4	53	0.1	16.3	7.0	250	2.15	10.6	1.3	3.5	4.3	14	0.2	2.3	0.2	30	0.14	0.042
1036622	Soil	0.9	31.3	23.9	78	0.1	25.6	13.4	251	2.71	11.4	1.9	3.1	10.8	17	0.2	3.3	0.3	32	0.14	0.050
1036624	Soil	0.7	22.6	15.7	55	<0.1	16.7	8.6	242	2.50	10.8	1.3	2.4	3.2	14	0.1	3.3	0.2	35	0.12	0.055
1036616	Soil	0.9	34.7	24.8	63	<0.1	17.9	6.8	224	2.81	13.3	1.7	2.9	8.8	14	0.3	4.6	0.3	22	0.11	0.048
1036617	Soil	0.7	21.4	24.1	73	<0.1	19.6	10.8	368	2.27	19.9	1.1	4.6	6.6	11	0.3	5.1	0.2	27	0.11	0.061
1036615	Soil	0.7	26.0	38.4	58	0.1	15.5	7.3	212	2.38	39.8	1.6	5.9	3.7	12	0.1	9.9	0.3	31	0.09	0.046
1036618	Soil	0.7	21.5	22.6	68	<0.1	26.8	11.9	399	2.30	12.2	1.0	2.2	6.3	10	0.3	3.9	0.2	29	0.11	0.050
1036605	Soil	0.5	30.5	10.6	59	<0.1	23.2	9.5	364	2.10	10.9	1.0	3.3	5.0	12	0.3	1.2	0.2	30	0.13	0.057
1036611	Soil	0.8	27.9	14.3	62	<0.1	22.3	10.3	314	2.46	12.0	1.4	25.6	4.2	9	0.2	2.2	0.2	34	0.09	0.054
1036610	Soil	0.8	31.2	14.6	68	<0.1	23.2	9.8	314	2.53	11.4	1.3	2.0	5.7	16	0.2	1.9	0.2	34	0.15	0.063
1036601	Soil	1.0	29.4	21.9	74	0.1	26.7	11.7	369	2.76	12.6	1.7	5.1	4.0	10	0.2	3.7	0.2	35	0.10	0.059
1036608	Soil	0.8	26.2	13.9	56	<0.1	17.0	5.9	218	2.39	8.6	1.3	6.7	4.0	12	0.1	2.2	0.3	29	0.09	0.049
1098025	Soil	0.5	23.5	12.4	58	0.2	24.1	8.9	301	2.34	6.6	0.9	0.9	8.2	18	<0.1	0.3	0.2	24	0.28	0.052
1036604	Soil	0.6	25.6	12.5	63	<0.1	19.8	9.2	309	2.21	8.9	1.0	2.1	5.7	13	0.2	1.9	0.2	31	0.12	0.048
1036606	Soil	0.7	20.5	11.7	54	<0.1	17.6	7.8	240	2.23	12.6	1.0	2.2	1.6	10	<0.1	2.2	0.2	34	0.10	0.052
1036630	Soil	0.6	17.2	10.8	43	<0.1	14.8	5.8	152	2.00	8.8	0.9	5.1	1.1	11	<0.1	1.2	0.2	33	0.11	0.046
1036602	Soil	0.9	22.7	17.5	58	<0.1	20.8	8.4	216	2.68	11.7	1.4	1.7	2.8	10	0.1	2.2	0.2	44	0.08	0.043

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098018	Soil	32	23	0.47	150	0.028	<1	1.10	0.006	0.05	0.2	<0.01	2.3	<0.1	<0.05	3	<0.5	<0.2
1098012	Soil	31	17	0.40	88	0.012	<1	1.09	0.003	0.04	<0.1	<0.01	1.6	0.1	<0.05	3	1.0	<0.2
1098011	Soil	28	16	0.38	106	0.011	<1	1.08	0.004	0.04	<0.1	0.01	1.3	<0.1	<0.05	3	0.9	<0.2
1098010	Soil	21	17	0.31	135	0.016	<1	1.03	0.004	0.04	0.1	0.02	1.3	<0.1	<0.05	4	0.8	<0.2
1036625	Soil	28	18	0.41	188	0.031	<1	1.10	0.005	0.04	0.1	<0.01	2.3	<0.1	<0.05	3	0.7	<0.2
1036626	Soil	26	19	0.36	185	0.028	1	1.09	0.005	0.04	0.2	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1144747	Soil	19	21	0.43	291	0.044	2	1.28	0.006	0.05	0.2	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2
1036627	Soil	20	20	0.41	202	0.029	2	1.14	0.006	0.04	0.2	0.02	2.4	<0.1	<0.05	3	<0.5	<0.2
1151819	Soil	20	28	0.48	169	0.035	<1	1.21	0.005	0.05	0.1	0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
1036628	Soil	19	22	0.43	292	0.043	2	1.13	0.007	0.04	0.2	0.02	3.0	<0.1	<0.05	3	1.1	<0.2
1036631	Soil	18	19	0.36	195	0.035	1	1.00	0.005	0.05	0.2	0.02	2.8	<0.1	<0.05	3	0.9	<0.2
1036633	Soil	21	23	0.47	172	0.036	<1	1.29	0.005	0.06	0.3	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
1036619	Soil	19	21	0.45	148	0.025	1	1.31	0.004	0.03	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1036623	Soil	21	20	0.35	280	0.030	<1	1.08	0.005	0.03	0.1	0.01	2.0	<0.1	<0.05	3	<0.5	<0.2
1036622	Soil	27	19	0.40	329	0.037	<1	1.32	0.004	0.03	0.1	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2
1036624	Soil	21	22	0.44	186	0.025	<1	1.27	0.005	0.03	0.1	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
1036616	Soil	28	15	0.29	275	0.015	<1	0.96	0.004	0.03	0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1036617	Soil	19	17	0.35	128	0.028	1	1.03	0.004	0.03	0.2	0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
1036615	Soil	25	19	0.39	173	0.020	<1	1.20	0.004	0.03	0.1	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1036618	Soil	19	24	0.39	109	0.031	<1	1.02	0.004	0.04	0.2	0.04	2.8	<0.1	<0.05	3	0.5	<0.2
1036605	Soil	16	18	0.35	142	0.035	<1	0.94	0.005	0.04	0.2	0.03	2.9	<0.1	<0.05	3	0.6	<0.2
1036611	Soil	19	20	0.40	137	0.026	<1	1.19	0.004	0.03	0.2	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
1036610	Soil	21	21	0.42	292	0.032	1	1.13	0.005	0.04	0.2	0.04	2.8	<0.1	<0.05	3	<0.5	<0.2
1036601	Soil	21	22	0.41	126	0.018	<1	1.32	0.005	0.04	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1036608	Soil	28	19	0.40	131	0.024	<1	1.13	0.004	0.03	0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1098025	Soil	30	24	0.44	159	0.023	<1	1.14	0.005	0.07	0.1	0.02	2.0	0.1	<0.05	3	<0.5	<0.2
1036604	Soil	21	19	0.39	163	0.036	<1	1.10	0.005	0.04	0.2	0.03	2.5	<0.1	<0.05	3	<0.5	<0.2
1036606	Soil	17	22	0.38	143	0.026	<1	1.25	0.005	0.04	0.1	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1036630	Soil	16	24	0.36	124	0.029	<1	1.14	0.005	0.03	0.2	0.04	1.5	0.1	<0.05	4	<0.5	<0.2
1036602	Soil	17	27	0.47	116	0.037	<1	1.51	0.006	0.04	0.2	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000229.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1036612	Soil		0.9	20.2	22.2	72	<0.1	18.0	8.7	269	2.73	10.9	1.2	1.6	2.7	10	0.1	2.6	0.3	40	0.10	0.060
1036603	Soil		0.8	20.6	13.4	56	<0.1	17.3	7.9	266	2.26	10.1	1.2	2.1	2.0	10	0.1	1.9	0.2	36	0.09	0.054
1036629	Soil		0.7	25.8	10.0	61	<0.1	19.6	8.0	314	2.11	11.3	1.2	7.0	3.9	17	0.1	1.1	0.2	33	0.17	0.065
1036632	Soil		0.7	27.1	18.4	62	<0.1	21.0	8.7	284	2.09	12.0	1.5	2.7	5.2	17	0.2	1.2	0.2	33	0.18	0.070
1036607	Soil		1.1	35.1	53.0	72	<0.1	25.2	13.0	383	2.73	31.9	2.0	13.5	5.9	12	0.2	20.0	0.3	32	0.11	0.053
1036609	Soil		0.9	26.4	15.3	62	<0.1	19.6	8.3	312	2.50	9.2	1.5	1.8	2.8	11	0.2	1.9	0.2	33	0.10	0.051
1076409	Soil		0.9	21.7	32.5	48	0.2	16.8	7.5	207	2.64	28.1	0.9	6.5	5.0	8	0.2	0.9	0.3	34	0.06	0.033
1076407	Soil		0.8	22.3	16.6	63	<0.1	21.6	7.6	211	2.08	11.0	0.8	3.2	1.3	11	0.2	0.7	0.2	33	0.12	0.054
1076406	Soil		0.8	20.1	11.8	52	<0.1	16.6	5.6	165	2.10	10.0	1.1	19.6	1.8	10	0.1	0.7	0.2	33	0.10	0.049
1076405	Soil		0.7	32.3	13.2	59	<0.1	22.6	8.8	251	2.22	13.1	1.5	2.8	5.0	10	0.3	1.1	0.2	28	0.10	0.051
1037488	Soil		0.5	22.4	29.4	74	0.2	20.5	7.4	341	2.74	14.1	0.8	6.1	4.5	6	0.2	0.7	0.2	22	0.04	0.037
1037489	Soil		0.8	16.8	17.7	49	0.1	16.5	8.1	345	2.38	11.4	0.9	4.9	1.2	8	0.2	0.6	0.2	34	0.06	0.051
1076408	Soil		0.8	11.4	33.7	37	<0.1	11.3	4.7	181	2.11	12.6	0.6	1.6	0.3	7	0.1	0.7	0.2	34	0.06	0.046
1076404	Soil		0.8	10.3	13.2	41	<0.1	12.2	5.3	242	2.96	13.4	0.6	0.6	1.0	6	<0.1	0.8	0.2	43	0.06	0.034
1037480	Soil		0.8	20.7	27.5	55	0.2	16.7	6.4	194	2.45	16.5	1.2	18.9	1.5	8	0.2	0.9	0.2	28	0.06	0.045
1037478	Soil		0.9	26.4	18.0	69	<0.1	22.3	10.3	332	2.65	14.0	1.4	16.1	4.1	10	0.3	0.9	0.2	31	0.07	0.049
1037477	Soil		1.2	26.3	18.1	62	<0.1	17.7	7.9	249	2.92	12.6	1.3	3.8	1.4	13	0.2	0.8	0.3	36	0.07	0.067
1037487	Soil		0.6	26.5	37.8	75	0.3	22.9	8.5	338	2.55	13.4	1.6	1.4	5.1	8	0.3	0.8	0.2	27	0.08	0.045
1037481	Soil		1.1	24.7	76.7	85	0.2	22.6	9.8	389	2.54	16.1	1.0	9.3	2.1	8	0.4	1.0	0.2	33	0.07	0.053
1037479	Soil		1.1	25.3	19.2	76	0.2	20.8	11.0	388	2.89	21.4	1.4	8.2	2.4	9	0.2	1.1	0.3	33	0.05	0.048
1037476	Soil		1.0	22.3	16.3	61	<0.1	16.2	6.8	222	2.94	11.6	0.9	3.0	2.0	10	0.2	0.8	0.2	35	0.05	0.052
1037475	Soil		0.9	18.8	12.5	52	<0.1	16.6	6.6	236	2.31	11.6	0.6	2.2	1.9	8	0.1	0.8	0.2	31	0.06	0.044
1036620	Soil		0.8	25.0	21.6	61	<0.1	17.5	8.8	225	2.72	9.9	1.3	1.5	5.0	9	0.1	3.1	0.2	28	0.07	0.038
1036621	Soil		0.8	29.8	22.4	77	0.1	24.9	13.9	257	2.79	11.7	1.5	2.7	9.0	16	0.3	2.7	0.2	33	0.14	0.051
1036614	Soil		0.9	27.9	16.0	64	<0.1	19.0	10.3	314	2.48	12.0	1.5	2.3	5.3	11	0.2	3.8	0.2	32	0.09	0.044
1036613	Soil		1.0	29.9	13.2	76	0.1	23.3	11.0	358	2.45	11.2	2.6	2.3	4.9	17	0.3	2.3	0.2	36	0.17	0.069
1076410	Soil		0.9	22.7	19.2	62	0.2	23.1	15.0	344	2.38	17.1	1.0	2.8	5.5	10	0.3	0.7	0.2	29	0.09	0.058
1037492	Soil		1.1	21.4	29.9	60	0.3	21.0	11.2	332	2.59	40.4	0.7	3.9	4.8	9	0.3	1.2	0.3	35	0.07	0.036
1076414	Soil		1.1	18.0	43.3	63	0.2	18.1	7.4	267	2.46	18.5	0.8	1.9	2.8	9	0.3	0.9	0.2	34	0.06	0.035
1037491	Soil		1.3	27.1	45.5	80	0.5	27.8	13.2	310	2.77	34.0	0.8	4.4	4.4	11	0.5	1.5	0.5	34	0.07	0.044

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Project: MHR
Report Date: September 15, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1036612	Soil	20	26	0.46	96	0.029	1	1.49	0.005	0.04	0.1	0.03	1.9	0.1	<0.05	5	<0.5	<0.2
1036603	Soil	19	23	0.38	130	0.030	<1	1.26	0.005	0.04	0.2	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1036629	Soil	17	21	0.38	316	0.038	<1	1.01	0.006	0.04	0.2	0.04	2.6	<0.1	<0.05	3	<0.5	<0.2
1036632	Soil	17	20	0.38	227	0.034	<1	1.14	0.005	0.04	0.2	0.03	2.9	<0.1	<0.05	3	<0.5	<0.2
1036607	Soil	25	20	0.40	199	0.032	<1	1.18	0.006	0.04	0.1	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
1036609	Soil	26	23	0.45	140	0.029	<1	1.36	0.005	0.04	0.1	0.04	1.9	<0.1	<0.05	4	0.6	<0.2
1076409	Soil	17	20	0.34	70	0.024	<1	1.27	0.004	0.04	0.2	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
1076407	Soil	16	21	0.39	99	0.026	<1	1.24	0.005	0.04	0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1076406	Soil	19	22	0.40	93	0.024	<1	1.24	0.004	0.03	0.2	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1076405	Soil	21	19	0.41	86	0.027	<1	1.16	0.004	0.03	0.3	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
1037488	Soil	30	19	0.41	59	0.013	<1	1.30	0.003	0.03	<0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
1037489	Soil	16	22	0.37	76	0.021	<1	1.21	0.004	0.03	0.2	0.04	1.2	<0.1	<0.05	4	<0.5	<0.2
1076408	Soil	11	18	0.26	58	0.017	<1	1.03	0.006	0.03	0.2	0.07	0.7	<0.1	<0.05	4	<0.5	<0.2
1076404	Soil	10	24	0.30	46	0.032	<1	1.11	0.004	0.03	0.2	0.04	1.2	0.1	<0.05	5	0.5	<0.2
1037480	Soil	21	18	0.32	81	0.014	<1	1.15	0.004	0.03	0.2	0.03	1.0	0.1	<0.05	3	<0.5	<0.2
1037478	Soil	24	20	0.41	78	0.024	<1	1.23	0.004	0.04	0.3	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1037477	Soil	26	22	0.43	75	0.019	1	1.41	0.006	0.04	0.2	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1037487	Soil	25	21	0.45	116	0.022	<1	1.27	0.004	0.03	0.1	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1037481	Soil	17	20	0.38	68	0.019	2	1.32	0.004	0.04	0.3	0.05	1.4	<0.1	<0.05	4	<0.5	<0.2
1037479	Soil	21	21	0.40	71	0.020	2	1.28	0.004	0.04	0.2	0.03	1.5	<0.1	<0.05	4	0.6	<0.2
1037476	Soil	20	21	0.36	61	0.017	2	1.30	0.004	0.03	0.2	0.04	1.2	<0.1	<0.05	4	0.5	<0.2
1037475	Soil	13	18	0.34	70	0.015	1	1.23	0.004	0.03	0.2	0.02	1.3	<0.1	<0.05	4	0.6	<0.2
1036620	Soil	28	20	0.38	139	0.018	<1	1.28	0.004	0.03	0.2	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
1036621	Soil	26	21	0.39	297	0.035	2	1.32	0.005	0.03	0.2	0.03	3.4	<0.1	<0.05	4	0.6	<0.2
1036614	Soil	23	20	0.35	236	0.033	<1	1.32	0.004	0.03	0.2	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
1036613	Soil	19	20	0.38	349	0.038	2	1.20	0.006	0.04	0.2	0.03	3.2	<0.1	<0.05	4	0.6	<0.2
1076410	Soil	17	18	0.34	58	0.022	1	1.12	0.004	0.03	0.3	0.03	1.5	<0.1	<0.05	3	0.7	<0.2
1037492	Soil	17	21	0.31	108	0.020	2	1.34	0.004	0.04	0.2	0.05	2.0	0.1	<0.05	4	<0.5	<0.2
1076414	Soil	17	16	0.26	55	0.021	1	1.04	0.004	0.04	0.2	0.06	1.1	<0.1	<0.05	4	<0.5	<0.2
1037491	Soil	15	20	0.31	87	0.026	2	1.41	0.005	0.04	0.2	0.06	2.1	<0.1	<0.05	4	0.9	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1076411	Soil	1.0	26.4	16.0	55	<0.1	18.2	9.1	239	2.50	12.2	1.0	4.0	3.5	10	0.2	0.7	0.3	34	0.07	0.045
1076412	Soil	1.0	19.9	15.7	52	<0.1	17.7	9.3	213	2.35	12.4	0.9	2.0	2.5	9	0.2	0.6	0.2	37	0.06	0.033
1076413	Soil	1.0	23.1	18.8	60	0.1	19.5	11.1	369	2.73	19.8	1.2	1.3	2.8	11	0.2	0.6	0.3	32	0.05	0.054
1076415	Soil	0.9	18.7	14.6	48	<0.1	19.1	8.6	212	2.22	13.1	0.7	7.2	3.8	9	0.2	0.8	0.2	36	0.08	0.035
1076403	Soil	1.0	29.8	17.1	51	<0.1	18.3	7.9	229	2.47	15.7	1.5	2.7	3.6	8	0.1	0.8	0.3	32	0.07	0.043
1076402	Soil	0.8	16.1	13.5	44	<0.1	14.6	5.9	199	2.29	12.8	0.9	4.1	0.9	8	<0.1	0.7	0.2	38	0.07	0.043
1076401	Soil	0.8	18.3	11.3	50	<0.1	19.9	9.3	291	2.34	12.7	0.9	1.8	3.9	8	0.2	0.9	0.2	32	0.07	0.032
1037490	Soil	0.8	13.1	13.6	43	<0.1	12.6	5.4	181	2.05	11.5	0.6	6.9	1.7	7	0.1	0.7	0.2	37	0.06	0.029
1037336	Soil	1.4	18.9	84.6	65	0.4	20.3	9.2	375	2.63	21.8	1.1	6.1	2.5	9	0.3	1.1	0.2	40	0.06	0.043
1037348	Soil	0.7	15.4	23.7	54	<0.1	17.0	8.2	286	2.06	19.2	0.6	6.2	0.8	8	0.2	0.7	0.2	31	0.08	0.045
1037355	Soil	1.1	17.3	13.4	53	<0.1	15.5	6.7	276	2.34	12.7	0.8	8.3	1.0	8	0.2	0.8	0.2	36	0.06	0.038
1037349	Soil	0.8	15.9	20.1	44	0.1	13.4	6.1	234	2.11	13.9	0.5	<0.5	0.6	6	0.2	0.7	0.2	34	0.05	0.038
1037345	Soil	0.8	19.4	14.2	55	<0.1	17.2	7.1	244	2.56	11.8	0.7	1.9	1.1	9	0.1	0.6	0.2	35	0.07	0.047
1037354	Soil	0.6	13.2	9.2	49	<0.1	17.8	7.6	295	1.86	10.4	0.5	9.5	2.8	10	0.2	0.7	0.1	25	0.11	0.046
1037357	Soil	1.2	17.3	13.4	68	<0.1	18.6	8.0	296	2.56	12.7	0.8	1.5	0.7	12	0.2	0.8	0.2	45	0.10	0.066
1037356	Soil	0.8	12.4	11.1	43	<0.1	14.3	6.6	216	2.25	11.6	0.7	2.0	1.0	8	0.1	0.6	0.2	38	0.07	0.036
1037339	Soil	1.0	16.7	16.2	48	<0.1	15.2	6.8	184	2.54	18.2	0.7	6.4	0.9	8	0.2	0.8	0.2	42	0.06	0.046
1037347	Soil	0.9	13.3	13.7	42	<0.1	12.3	5.3	192	2.14	12.1	0.5	2.1	0.3	7	<0.1	0.7	0.1	38	0.05	0.045
1037351	Soil	0.8	18.7	17.7	54	0.1	19.6	8.4	293	2.25	16.6	0.9	1.4	1.8	7	0.3	1.6	0.2	26	0.05	0.029
1037350	Soil	0.8	27.0	25.2	60	0.1	22.0	11.9	373	2.43	29.1	1.1	2.4	1.8	8	0.2	1.0	0.3	27	0.05	0.035
1037338	Soil	1.0	23.9	18.8	63	0.2	18.5	7.4	235	2.53	17.4	1.0	3.3	2.1	13	0.3	0.9	0.2	33	0.11	0.055
1037346	Soil	0.8	16.1	13.3	53	<0.1	15.8	6.0	258	2.22	13.7	0.6	19.3	0.5	8	0.2	0.7	0.2	35	0.07	0.048
1037353	Soil	1.0	16.0	28.7	56	0.3	13.8	6.9	239	2.34	16.2	0.8	7.7	0.9	9	0.3	0.9	0.2	32	0.06	0.045
1037352	Soil	0.9	20.6	24.4	68	0.2	22.5	14.9	369	2.54	14.9	1.1	3.6	5.2	13	0.2	1.0	0.2	25	0.06	0.038
1037482	Soil	1.1	19.0	25.1	67	0.2	18.4	7.8	350	2.55	11.7	0.8	4.3	1.0	6	0.3	0.7	0.4	33	0.05	0.050
1037483	Soil	0.9	20.6	31.9	51	0.1	17.6	6.6	281	2.43	10.5	0.9	3.4	0.3	7	0.3	0.6	0.3	35	0.07	0.058
1037485	Soil	0.8	21.7	19.8	62	0.2	21.0	8.0	350	2.52	11.4	1.0	2.2	1.9	6	0.3	0.7	0.2	36	0.05	0.042
1037484	Soil	1.0	21.2	20.5	59	0.1	20.3	9.3	524	3.04	13.5	1.0	5.9	0.7	7	0.3	0.6	0.3	37	0.05	0.065
1037486	Soil	1.0	23.7	20.7	63	0.1	20.8	10.0	482	2.70	11.0	1.1	6.5	2.2	7	0.2	0.7	0.3	36	0.05	0.044
1037362	Soil	0.9	14.7	28.3	53	0.2	14.2	4.5	161	1.86	72.0	0.6	4.8	1.2	10	0.3	2.6	0.2	27	0.08	0.037

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000229.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1076411	Soil	20	19	0.36	90	0.018	1	1.19	0.004	0.03	0.3	0.04	1.3	<0.1	<0.05	4	0.5	<0.2
1076412	Soil	17	19	0.31	87	0.022	1	1.26	0.004	0.03	0.3	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
1076413	Soil	23	18	0.32	65	0.016	<1	1.15	0.005	0.04	0.2	0.04	1.1	<0.1	<0.05	4	<0.5	<0.2
1076415	Soil	15	18	0.28	75	0.024	1	1.14	0.005	0.03	0.2	0.05	1.6	<0.1	<0.05	3	0.6	<0.2
1076403	Soil	21	21	0.36	90	0.025	1	1.14	0.005	0.03	0.2	0.04	2.0	<0.1	<0.05	4	0.6	<0.2
1076402	Soil	16	22	0.31	79	0.023	1	1.26	0.005	0.03	0.2	0.05	1.4	<0.1	<0.05	4	0.5	<0.2
1076401	Soil	14	20	0.35	81	0.025	1	1.20	0.005	0.04	0.2	0.02	2.0	<0.1	<0.05	3	0.7	<0.2
1037490	Soil	16	18	0.30	60	0.024	<1	1.12	0.004	0.03	0.2	0.03	1.3	<0.1	<0.05	4	0.6	<0.2
1037336	Soil	16	24	0.33	90	0.021	1	1.42	0.005	0.04	0.3	0.05	1.7	0.1	<0.05	4	0.7	<0.2
1037348	Soil	12	16	0.29	58	0.020	1	0.96	0.004	0.03	0.3	0.04	1.1	<0.1	<0.05	3	<0.5	<0.2
1037355	Soil	12	21	0.31	79	0.025	1	1.15	0.004	0.03	0.2	0.04	1.4	<0.1	<0.05	4	0.6	<0.2
1037349	Soil	11	16	0.24	57	0.017	<1	0.90	0.003	0.02	0.3	0.03	0.9	<0.1	<0.05	4	0.7	<0.2
1037345	Soil	17	20	0.40	72	0.019	1	1.22	0.004	0.03	0.2	0.04	1.1	<0.1	<0.05	4	0.6	<0.2
1037354	Soil	12	15	0.33	69	0.025	1	0.87	0.005	0.03	0.2	0.03	1.5	<0.1	<0.05	2	<0.5	<0.2
1037357	Soil	13	26	0.42	123	0.037	2	1.48	0.010	0.04	0.3	0.05	1.6	<0.1	<0.05	5	1.0	<0.2
1037356	Soil	12	21	0.34	90	0.026	1	1.36	0.005	0.03	0.2	0.04	1.6	<0.1	<0.05	4	0.6	<0.2
1037339	Soil	15	20	0.28	81	0.022	1	1.25	0.004	0.03	0.3	0.05	1.3	<0.1	<0.05	4	0.6	<0.2
1037347	Soil	11	19	0.26	56	0.017	1	1.22	0.004	0.02	0.2	0.05	0.8	<0.1	0.06	4	0.8	<0.2
1037351	Soil	22	16	0.23	52	0.013	1	0.86	0.006	0.04	0.2	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2
1037350	Soil	18	16	0.29	52	0.016	1	0.96	0.006	0.03	0.2	0.04	1.1	<0.1	<0.05	3	0.7	<0.2
1037338	Soil	17	18	0.37	89	0.023	1	1.07	0.005	0.04	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1037346	Soil	14	19	0.33	58	0.021	2	1.17	0.004	0.03	0.2	0.03	1.0	<0.1	<0.05	4	0.7	<0.2
1037353	Soil	15	18	0.30	66	0.019	<1	1.00	0.005	0.03	0.3	0.04	1.1	<0.1	<0.05	3	0.6	<0.2
1037352	Soil	18	16	0.34	66	0.019	<1	1.11	0.005	0.03	0.2	0.03	1.5	<0.1	<0.05	3	0.6	<0.2
1037482	Soil	21	22	0.32	51	0.018	2	1.04	0.005	0.04	0.2	0.04	0.5	<0.1	0.11	4	<0.5	<0.2
1037483	Soil	18	21	0.30	58	0.011	1	1.18	0.004	0.04	0.2	0.03	0.3	<0.1	<0.05	4	<0.5	<0.2
1037485	Soil	19	24	0.38	80	0.020	2	1.31	0.004	0.04	0.1	0.03	0.9	<0.1	<0.05	4	<0.5	<0.2
1037484	Soil	20	24	0.37	69	0.017	2	1.27	0.004	0.04	0.1	0.03	0.5	<0.1	<0.05	4	<0.5	<0.2
1037486	Soil	23	23	0.37	67	0.021	1	1.30	0.004	0.04	0.2	0.03	0.9	<0.1	<0.05	4	<0.5	<0.2
1037362	Soil	14	14	0.20	58	0.016	1	0.75	0.005	0.04	0.1	0.02	0.5	<0.1	<0.05	3	<0.5	<0.2

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Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000229.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1037368	Soil		1.0	13.6	15.0	40	0.5	17.1	7.8	199	2.65	11.8	0.6	3.0	5.0	8	0.2	0.8	0.2	41	0.07	0.032
1037363	Soil		1.2	12.8	18.9	44	<0.1	15.0	6.6	192	2.10	10.1	0.9	4.4	0.3	7	0.2	1.4	0.2	35	0.07	0.048
1037364	Soil		1.3	17.3	21.5	54	<0.1	20.6	10.3	278	2.35	11.8	1.1	1.9	0.7	9	0.2	2.0	0.2	33	0.07	0.054
1037366	Soil		1.0	17.1	16.0	50	0.1	19.4	7.8	261	2.38	18.0	0.8	3.6	1.3	8	0.1	1.3	0.2	36	0.08	0.036
1037361	Soil		0.9	13.0	11.3	51	<0.1	15.6	6.0	212	2.19	9.9	0.6	2.4	0.7	8	0.1	0.7	0.2	39	0.09	0.041
1037360	Soil		1.4	10.9	11.9	57	<0.1	14.6	6.7	290	2.57	10.8	0.6	2.6	0.5	9	0.2	0.8	0.2	55	0.09	0.046
1037358	Soil		0.8	18.1	10.2	57	<0.1	20.3	8.9	300	2.17	11.5	0.7	2.1	1.4	9	0.2	0.7	0.2	34	0.09	0.039
1037359	Soil		0.7	10.8	11.4	44	<0.1	14.2	6.2	238	2.18	10.1	0.5	2.5	1.2	7	0.1	0.6	0.1	31	0.06	0.027
1037367	Soil		1.0	16.0	15.2	57	0.1	16.3	7.6	268	2.33	12.7	0.8	1.5	0.8	9	0.2	0.8	0.2	38	0.07	0.057
1037365	Soil		1.1	15.0	28.9	56	0.4	14.0	4.9	170	2.28	77.4	0.7	4.3	0.7	9	0.2	2.4	0.2	36	0.08	0.047
1097456	Soil		0.9	14.5	11.2	49	<0.1	16.6	7.7	229	2.23	8.4	0.8	5.2	3.2	10	0.2	1.3	0.2	36	0.09	0.037
1096136	Soil		1.4	44.9	33.1	105	<0.1	45.7	19.1	746	4.16	20.4	0.9	3.6	5.5	21	0.5	13.3	0.2	41	0.13	0.057
1097461	Soil		1.6	59.2	21.6	116	<0.1	60.5	26.9	586	5.01	3.3	3.0	16.4	10.7	10	0.3	4.6	0.3	13	0.04	0.045
1097464	Soil		1.1	45.9	21.2	94	0.1	39.5	16.3	283	4.31	5.5	3.0	2.5	22.7	12	<0.1	0.5	0.3	8	0.05	0.038
1097466	Soil		1.1	23.3	31.7	64	<0.1	25.4	9.1	298	2.72	12.3	0.9	4.8	7.8	14	0.2	5.5	0.2	31	0.13	0.039
1097467	Soil		0.9	28.3	23.7	70	<0.1	28.8	10.5	339	2.78	9.8	1.2	2.7	8.4	16	0.1	3.3	0.3	26	0.16	0.041
1097469	Soil		1.0	32.6	25.0	89	<0.1	40.8	14.6	370	3.77	12.9	1.5	2.6	14.2	13	0.3	4.9	0.3	21	0.09	0.047
1097472	Soil		0.8	40.8	25.8	71	0.1	47.8	14.2	526	3.37	14.6	1.3	3.7	8.7	21	0.1	2.5	0.2	26	0.23	0.048
1097470	Soil		0.9	41.0	21.8	87	<0.1	43.6	18.2	734	4.18	5.7	2.2	2.7	18.9	26	0.1	3.0	0.3	13	0.04	0.034
1097471	Soil		1.1	47.9	27.0	107	0.3	61.7	17.2	627	4.47	21.6	1.2	3.2	5.9	21	0.3	6.1	0.3	31	0.24	0.068
1097468	Soil		1.0	33.3	20.2	75	0.1	34.7	12.8	281	3.38	7.0	1.9	2.3	12.7	12	0.1	2.2	0.3	16	0.07	0.037
1097465	Soil		1.2	39.7	50.1	106	0.6	42.1	18.3	430	4.35	1.8	2.9	4.1	24.2	27	0.3	2.8	0.5	9	0.02	0.045
1097473	Soil		1.0	41.6	70.5	100	0.1	53.0	16.9	349	3.94	22.4	1.7	3.4	13.5	16	0.2	20.4	0.3	29	0.10	0.034
1097475	Soil		1.7	35.0	28.2	75	0.1	35.4	16.8	399	4.00	9.2	1.7	1.2	7.7	12	0.2	2.2	0.4	37	0.08	0.042
1097460	Soil		1.1	10.1	18.3	38	<0.1	12.3	5.9	228	2.02	8.5	0.6	3.6	0.5	8	0.1	1.8	0.2	37	0.06	0.037
1097463	Soil		1.1	39.9	21.0	89	0.1	36.8	14.8	274	3.98	5.5	2.6	2.7	20.2	14	<0.1	0.5	0.4	8	0.05	0.036
1037341	Soil		1.1	20.3	25.1	69	0.2	18.1	6.4	292	2.46	32.6	1.0	3.1	0.6	11	0.4	0.8	0.3	33	0.09	0.060
1037337	Soil		1.0	14.7	20.1	47	<0.1	15.9	7.6	274	2.47	14.3	0.8	7.9	1.2	8	0.2	0.7	0.2	37	0.07	0.044
1037342	Soil		0.8	14.0	12.5	46	<0.1	16.9	7.5	239	2.26	12.4	0.6	12.2	1.3	7	0.2	0.7	0.2	35	0.07	0.033
1037340	Soil		0.9	18.1	15.5	53	<0.1	18.3	8.3	288	2.63	13.6	0.8	2.0	2.3	11	0.1	0.6	0.2	39	0.09	0.047

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1037368	Soil		13	23	0.28	83	0.038	2	1.78	0.006	0.04	0.3	0.07	1.1	0.1	<0.05	4	<0.5	<0.2
1037363	Soil		19	18	0.24	64	0.013	1	1.10	0.006	0.04	0.1	0.04	0.3	0.1	<0.05	4	<0.5	<0.2
1037364	Soil		22	18	0.28	65	0.013	1	1.16	0.005	0.05	0.1	0.04	0.4	0.1	<0.05	4	<0.5	<0.2
1037366	Soil		15	20	0.30	73	0.021	1	1.17	0.004	0.04	0.2	0.04	0.8	0.1	<0.05	3	<0.5	<0.2
1037361	Soil		12	21	0.32	91	0.021	1	1.35	0.008	0.04	0.1	0.03	0.7	0.1	<0.05	4	<0.5	<0.2
1037360	Soil		11	28	0.39	95	0.028	2	1.87	0.009	0.05	0.2	0.04	0.9	0.2	<0.05	6	<0.5	<0.2
1037358	Soil		13	19	0.34	94	0.023	1	1.18	0.005	0.04	0.2	0.02	0.9	<0.1	<0.05	4	<0.5	<0.2
1037359	Soil		11	19	0.29	58	0.021	1	1.03	0.004	0.03	0.1	0.04	0.7	<0.1	<0.05	3	<0.5	<0.2
1037367	Soil		16	19	0.27	72	0.019	<1	1.15	0.004	0.04	0.2	0.03	0.5	0.1	<0.05	4	<0.5	<0.2
1037365	Soil		14	20	0.26	73	0.014	<1	1.04	0.005	0.05	0.1	0.03	0.7	0.1	<0.05	4	<0.5	<0.2
1097456	Soil		17	23	0.32	102	0.025	1	1.19	0.005	0.05	0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
1096136	Soil		17	31	0.66	143	0.049	1	1.58	0.007	0.24	<0.1	0.01	2.2	0.2	<0.05	5	<0.5	<0.2
1097461	Soil		47	16	0.15	145	0.007	<1	0.49	0.003	0.04	<0.1	0.16	1.0	0.1	0.06	2	<0.5	<0.2
1097464	Soil		67	17	0.25	28	<0.001	<1	0.57	0.005	0.04	<0.1	0.06	1.2	<0.1	<0.05	2	<0.5	<0.2
1097466	Soil		25	25	0.46	155	0.018	<1	1.24	0.006	0.06	0.1	0.02	1.4	0.1	<0.05	4	<0.5	<0.2
1097467	Soil		28	23	0.45	154	0.022	<1	1.09	0.005	0.08	<0.1	0.02	1.3	0.1	<0.05	4	<0.5	<0.2
1097469	Soil		33	25	0.56	66	0.008	<1	1.29	0.004	0.06	<0.1	0.02	0.9	<0.1	<0.05	4	<0.5	<0.2
1097472	Soil		28	41	0.62	134	0.011	<1	1.19	0.005	0.06	<0.1	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1097470	Soil		56	8	0.09	87	<0.001	<1	0.44	0.004	0.05	<0.1	0.07	1.6	<0.1	<0.05	1	<0.5	<0.2
1097471	Soil		30	50	0.81	158	0.009	<1	1.66	0.005	0.11	0.1	<0.01	1.7	0.1	<0.05	5	<0.5	<0.2
1097468	Soil		37	16	0.37	75	0.008	<1	0.91	0.004	0.05	<0.1	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1097465	Soil		66	10	0.04	71	<0.001	<1	0.42	0.011	0.07	<0.1	0.08	1.4	0.1	<0.05	1	<0.5	<0.2
1097473	Soil		41	52	0.77	88	0.004	<1	1.41	0.004	0.06	<0.1	0.04	1.9	<0.1	<0.05	4	<0.5	<0.2
1097475	Soil		26	32	0.51	86	0.018	<1	1.67	0.005	0.06	<0.1	0.01	1.1	<0.1	<0.05	5	<0.5	<0.2
1097460	Soil		16	20	0.29	67	0.017	<1	0.90	0.004	0.05	0.2	0.02	0.5	0.1	<0.05	4	<0.5	<0.2
1097463	Soil		65	14	0.22	33	<0.001	<1	0.51	0.005	0.05	<0.1	0.08	1.1	0.1	<0.05	2	<0.5	<0.2
1037341	Soil		17	21	0.27	91	0.012	<1	0.96	0.006	0.05	0.2	0.04	0.4	0.1	<0.05	4	<0.5	<0.2
1037337	Soil		16	20	0.26	96	0.016	1	1.15	0.005	0.04	0.2	0.04	0.8	0.1	<0.05	4	<0.5	<0.2
1037342	Soil		12	20	0.32	91	0.019	<1	1.30	0.005	0.04	0.2	0.04	0.9	0.1	<0.05	4	<0.5	<0.2
1037340	Soil		18	20	0.36	91	0.023	<1	1.27	0.005	0.04	0.1	0.04	1.1	0.1	<0.05	4	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000229.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1037343	Soil	1.4	29.9	42.2	61	<0.1	25.0	11.6	354	2.80	14.7	1.3	3.5	6.4	11	0.2	1.1	0.5	31	0.06	0.033
1037344	Soil	1.0	15.4	14.4	38	0.1	12.7	4.2	129	1.90	9.7	0.7	3.8	0.2	8	0.2	0.6	0.4	36	0.07	0.054
1096135	Soil	1.1	20.6	46.8	76	0.3	26.2	12.6	691	3.01	26.1	1.8	4.1	2.2	69	0.4	10.7	0.2	46	0.53	0.060
1097458	Soil	0.8	18.5	11.0	50	<0.1	18.1	7.7	211	2.19	8.8	1.0	3.0	3.2	10	0.1	0.8	0.2	40	0.12	0.042
1097457	Soil	1.1	26.3	19.6	68	<0.1	31.8	13.8	395	3.01	9.5	1.2	4.2	8.5	10	0.2	6.4	0.3	34	0.09	0.041
1097451	Soil	1.1	14.3	23.7	45	<0.1	15.3	8.2	359	2.00	9.6	0.6	1.2	0.4	9	0.2	6.5	0.2	36	0.07	0.043
1097453	Soil	1.0	25.7	21.9	69	<0.1	27.7	14.0	434	2.69	9.6	1.3	2.1	5.2	12	0.2	4.7	0.2	36	0.12	0.054
1097455	Soil	1.1	18.5	15.5	62	<0.1	20.5	12.8	471	2.85	11.1	0.8	2.3	5.5	9	0.2	2.8	0.2	40	0.09	0.039
1097459	Soil	0.6	21.6	9.1	46	<0.1	20.8	8.0	323	2.05	10.1	0.9	3.9	4.9	14	0.1	0.8	0.1	32	0.16	0.054
1096134	Soil	1.0	19.9	32.9	65	<0.1	20.9	11.0	438	2.74	12.6	0.8	5.1	3.1	29	0.3	7.7	0.3	40	0.19	0.043
1097454	Soil	0.9	15.7	13.4	43	<0.1	15.7	7.3	271	2.17	9.0	0.8	5.4	2.2	9	0.1	1.2	0.2	36	0.09	0.047
1097452	Soil	1.1	16.2	37.6	43	<0.1	18.1	7.0	176	2.55	30.9	1.0	1.4	5.6	9	0.1	7.6	0.2	42	0.08	0.040
1151884	Soil	1.1	31.3	17.4	71	<0.1	38.6	13.5	326	3.28	15.3	1.5	3.6	3.2	10	0.2	2.9	0.3	39	0.07	0.053
1151882	Soil	0.8	20.3	15.9	54	<0.1	27.2	12.1	225	2.68	10.3	0.8	1.3	5.0	7	<0.1	3.5	0.2	30	0.07	0.031
1036790	Soil	0.8	15.2	9.0	44	<0.1	14.9	5.6	163	1.89	9.6	0.7	4.4	1.8	11	<0.1	0.7	0.2	36	0.12	0.042
1036788	Soil	0.9	20.8	12.7	59	0.1	19.1	9.1	280	2.51	10.1	1.0	3.8	3.5	11	0.1	1.1	0.2	38	0.14	0.064
1151885	Soil	1.0	19.7	11.5	59	<0.1	21.2	7.9	246	2.47	10.2	1.0	2.3	2.2	10	0.2	1.6	0.2	36	0.10	0.047
1151887	Soil	0.9	27.2	15.0	56	0.1	20.8	8.7	228	2.47	12.0	1.4	6.8	4.1	10	0.1	1.6	0.2	39	0.11	0.054
1151889	Soil	0.9	16.1	15.4	51	<0.1	20.4	8.6	329	2.29	9.6	0.9	1.1	2.8	8	0.2	1.1	0.1	32	0.09	0.047
1151891	Soil	1.1	19.6	25.6	62	<0.1	21.6	8.4	273	2.61	13.7	1.1	4.9	3.8	9	0.1	1.9	0.2	41	0.09	0.046
1151886	Soil	0.7	18.9	11.2	49	<0.1	18.3	6.1	177	2.29	7.9	1.0	7.0	3.1	9	<0.1	1.5	0.2	34	0.08	0.032
1151888	Soil	0.8	17.2	11.8	47	<0.1	14.7	6.3	220	2.23	8.8	1.0	4.9	3.6	8	<0.1	1.0	0.2	34	0.08	0.044
1151890	Soil	1.0	21.7	13.5	60	<0.1	23.3	8.7	245	2.47	9.9	0.9	2.2	2.3	10	0.2	1.3	0.2	38	0.11	0.053
1151892	Soil	0.8	18.9	14.1	50	0.1	16.7	7.2	200	2.21	8.7	0.9	3.3	3.4	9	0.1	1.1	0.2	32	0.09	0.045
1151896	Soil	0.9	24.5	17.8	57	0.1	19.9	9.0	200	2.33	9.4	1.3	7.5	4.8	9	0.2	1.2	0.2	35	0.10	0.045
1151893	Soil	0.9	28.3	15.6	60	0.1	21.5	8.9	256	2.52	11.7	1.1	3.1	4.1	10	0.1	1.5	0.2	38	0.10	0.050
1151881	Soil	0.9	28.5	17.9	62	<0.1	25.3	10.8	262	2.85	7.1	1.5	3.1	7.9	9	<0.1	4.9	0.2	26	0.07	0.034
1151883	Soil	1.0	16.9	13.5	45	<0.1	16.5	7.5	207	2.63	8.6	0.9	3.4	0.9	8	<0.1	1.1	0.2	39	0.08	0.051
1097474	Soil	1.1	39.4	26.8	78	0.2	35.2	15.3	282	3.70	79.1	2.0	3.4	17.7	15	0.1	146.5	0.3	15	0.04	0.033
1097476	Soil	1.2	31.1	34.2	90	0.1	35.8	13.7	288	3.40	11.4	1.5	1.3	14.3	14	0.2	9.9	0.3	20	0.08	0.026

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Project: MHR
Report Date: September 15, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1037343	Soil	30	21	0.40	82	0.020	2	1.30	0.005	0.04	0.1	0.03	1.0	<0.1	0.08	4	<0.5	<0.2
1037344	Soil	16	18	0.22	67	0.015	3	0.96	0.007	0.04	0.2	0.05	0.3	0.1	0.12	4	0.5	<0.2
1096135	Soil	17	32	0.53	120	0.027	2	1.44	0.009	0.11	0.1	0.05	2.1	0.2	0.06	4	0.5	<0.2
1097458	Soil	17	21	0.37	153	0.027	1	1.22	0.006	0.04	0.2	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1097457	Soil	24	22	0.31	132	0.026	2	1.27	0.006	0.05	0.1	0.02	1.7	0.1	<0.05	3	<0.5	<0.2
1097451	Soil	17	21	0.37	65	0.011	1	1.01	0.004	0.04	0.2	0.02	0.4	<0.1	<0.05	4	<0.5	<0.2
1097453	Soil	21	25	0.49	117	0.025	1	1.43	0.006	0.05	0.2	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1097455	Soil	16	24	0.40	87	0.027	1	1.32	0.005	0.05	0.1	0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
1097459	Soil	16	20	0.33	147	0.032	1	1.00	0.006	0.05	0.2	<0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
1096134	Soil	22	24	0.38	121	0.026	1	1.15	0.005	0.12	0.1	0.01	1.3	0.2	<0.05	4	<0.5	<0.2
1097454	Soil	16	22	0.35	86	0.019	<1	1.13	0.004	0.04	0.2	0.01	0.9	<0.1	<0.05	4	<0.5	<0.2
1097452	Soil	23	30	0.43	78	0.016	<1	1.36	0.004	0.04	0.1	0.03	1.2	0.1	<0.05	5	<0.5	<0.2
1151884	Soil	26	43	0.47	84	0.014	<1	1.40	0.004	0.05	0.1	0.02	1.3	0.1	<0.05	4	<0.5	<0.2
1151882	Soil	24	22	0.29	74	0.011	<1	1.11	0.004	0.04	0.1	0.03	1.0	0.1	<0.05	3	<0.5	<0.2
1036790	Soil	16	20	0.33	121	0.029	1	1.10	0.005	0.04	0.2	0.04	1.1	<0.1	<0.05	4	<0.5	<0.2
1036788	Soil	19	23	0.38	95	0.023	<1	1.34	0.006	0.04	0.2	0.02	1.3	<0.1	<0.05	4	0.6	<0.2
1151885	Soil	22	26	0.38	76	0.019	<1	1.16	0.005	0.04	0.2	0.02	1.0	0.1	<0.05	4	<0.5	<0.2
1151887	Soil	22	22	0.36	130	0.027	<1	1.24	0.005	0.05	0.2	0.04	1.7	0.1	<0.05	4	<0.5	<0.2
1151889	Soil	18	18	0.28	66	0.022	1	1.01	0.005	0.04	0.2	0.04	0.9	<0.1	<0.05	3	<0.5	<0.2
1151891	Soil	18	23	0.36	92	0.029	<1	1.23	0.005	0.04	0.2	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1151886	Soil	23	23	0.38	100	0.023	<1	1.17	0.004	0.04	0.1	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1151888	Soil	20	20	0.31	105	0.021	<1	1.11	0.004	0.04	0.2	0.04	1.3	0.1	<0.05	3	<0.5	<0.2
1151890	Soil	19	21	0.33	96	0.028	1	1.13	0.005	0.05	0.2	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
1151892	Soil	22	20	0.32	116	0.019	<1	1.01	0.005	0.04	0.1	0.03	1.2	0.1	<0.05	3	<0.5	<0.2
1151896	Soil	19	21	0.36	94	0.025	<1	1.24	0.005	0.04	0.1	0.04	1.5	<0.1	<0.05	3	<0.5	<0.2
1151893	Soil	22	24	0.38	173	0.031	1	1.20	0.005	0.05	0.2	0.04	1.7	0.1	<0.05	4	<0.5	<0.2
1151881	Soil	39	18	0.32	110	0.017	<1	1.03	0.004	0.04	<0.1	0.01	1.1	<0.1	<0.05	3	<0.5	<0.2
1151883	Soil	19	24	0.34	83	0.013	<1	1.42	0.005	0.04	0.1	0.04	0.7	0.1	<0.05	4	0.5	<0.2
1097474	Soil	47	15	0.31	52	0.002	<1	1.03	0.004	0.07	<0.1	0.03	1.0	0.1	<0.05	3	<0.5	<0.2
1097476	Soil	42	22	0.30	86	0.002	<1	0.92	0.004	0.06	<0.1	0.01	1.1	<0.1	<0.05	3	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1097478	Soil	1.0	34.7	40.4	100	0.2	39.5	14.5	379	3.78	10.3	1.7	2.7	10.8	20	0.3	8.1	0.3	19	0.15	0.048
1097479	Soil	1.6	51.0	73.0	112	0.2	54.8	15.0	279	4.71	19.0	2.7	2.6	18.9	10	0.2	19.2	0.4	27	0.04	0.043
1036787	Soil	0.9	22.3	10.7	58	<0.1	20.4	7.3	278	2.17	11.0	0.8	4.3	4.1	12	0.2	0.8	0.1	37	0.15	0.055
1097477	Soil	1.4	30.1	23.5	70	0.2	31.1	12.9	388	3.25	9.1	1.7	0.9	7.8	12	0.2	2.7	0.3	32	0.10	0.033
1097481	Soil	0.8	40.3	100.7	132	0.2	53.0	16.1	397	4.06	54.5	2.1	3.1	15.0	19	0.8	48.4	0.3	20	0.15	0.038
1097480	Soil	1.1	28.3	29.2	77	0.2	35.9	13.7	283	3.33	12.5	1.3	15.8	9.7	11	0.3	8.3	0.5	35	0.09	0.029
1036796	Soil	0.9	16.0	16.6	51	<0.1	14.2	5.4	228	2.14	11.1	1.2	5.3	1.0	12	0.2	1.4	0.3	35	0.11	0.061
1036794	Soil	0.9	27.4	15.8	72	<0.1	28.6	10.7	311	2.72	13.6	1.6	2.3	6.0	13	0.3	2.3	0.3	33	0.13	0.067
1036791	Soil	0.7	22.4	10.6	55	<0.1	20.0	7.2	275	2.02	12.2	0.9	1.4	4.6	16	0.4	1.5	0.2	29	0.17	0.071
1036789	Soil	0.9	34.1	17.9	61	0.1	19.8	10.3	359	2.74	11.4	1.5	2.1	6.1	13	<0.1	1.1	0.3	34	0.10	0.054
1036792	Soil	1.1	15.3	14.9	53	<0.1	15.6	5.5	221	2.20	12.9	0.9	2.8	1.9	12	0.2	1.2	0.2	38	0.12	0.061
1036793	Soil	1.3	23.7	22.9	56	0.1	22.5	8.5	258	2.50	11.4	1.6	4.8	2.0	13	0.2	1.2	0.3	29	0.09	0.059
1036797	Soil	0.9	17.2	16.4	52	0.1	15.3	6.2	229	2.23	11.3	1.2	7.9	1.3	12	<0.1	1.4	0.3	36	0.12	0.062
1036795	Soil	1.1	27.7	17.4	75	0.1	30.2	11.7	332	2.89	14.2	1.8	4.0	6.7	14	0.3	2.3	0.2	35	0.14	0.070
1151062	Soil	0.8	23.4	15.5	61	0.1	25.1	12.1	398	2.45	16.7	1.2	3.9	6.2	11	0.2	1.1	0.2	31	0.08	0.041
1151060	Soil	1.7	26.7	28.3	62	<0.1	15.4	6.2	256	3.75	30.9	1.3	6.8	10.4	20	0.1	1.1	0.4	38	0.04	0.050
1151064	Soil	0.8	26.2	14.8	56	<0.1	25.4	12.5	468	2.52	14.1	1.4	2.6	4.3	10	0.1	0.7	0.2	33	0.07	0.038
1151063	Soil	0.9	14.6	14.3	47	<0.1	16.0	6.0	241	2.45	12.6	0.6	2.1	2.0	8	<0.1	0.8	0.2	41	0.05	0.027
1151072	Soil	0.6	27.9	34.2	89	0.3	76.9	30.3	1730	2.12	27.5	2.3	1.5	11.2	9	0.6	1.1	0.7	18	0.05	0.025
1151071	Soil	1.0	12.1	15.5	38	<0.1	13.0	5.6	228	2.30	12.4	0.7	1.7	2.2	8	<0.1	0.8	0.2	42	0.06	0.032
1151059	Soil	0.8	28.0	16.0	52	<0.1	16.3	8.6	247	2.66	10.1	1.3	2.3	6.3	12	<0.1	0.8	0.3	30	0.05	0.035
1151061	Soil	1.0	21.0	17.6	55	0.1	18.6	8.1	241	2.56	12.2	1.1	1.7	4.6	12	0.1	0.9	0.3	33	0.05	0.030
1151065	Soil	0.8	23.7	16.9	60	<0.1	29.7	15.9	506	2.55	12.1	1.2	6.0	5.7	11	0.1	0.8	0.2	31	0.09	0.046
1151070	Soil	1.0	20.6	18.5	60	<0.1	21.7	9.2	431	2.49	11.9	1.0	2.6	3.6	11	0.1	0.9	0.2	38	0.09	0.048
1151074	Soil	1.2	16.0	16.0	61	<0.1	31.7	12.3	375	2.25	12.5	0.8	0.6	2.6	10	0.2	0.9	0.2	38	0.07	0.034
1151073	Soil	0.9	17.1	20.9	54	<0.1	26.0	8.5	257	2.38	19.2	1.0	1.6	7.2	9	0.1	0.8	0.3	35	0.05	0.022
1151066	Soil	0.8	29.1	21.8	59	<0.1	27.7	12.6	488	2.46	12.5	1.2	1.5	4.4	10	0.1	0.9	0.3	30	0.07	0.037
1151069	Soil	1.0	12.1	17.3	43	<0.1	14.4	5.5	248	2.39	12.3	0.7	2.2	2.4	8	0.1	0.9	0.2	41	0.05	0.027
1151068	Soil	0.8	19.0	20.0	53	<0.1	19.8	7.3	301	2.56	11.2	1.0	3.1	3.6	9	0.2	0.9	0.2	35	0.06	0.037
1151067	Soil	0.7	21.7	20.2	49	<0.1	20.3	9.1	337	2.58	10.0	1.3	<0.5	4.8	8	<0.1	0.6	0.2	30	0.05	0.046

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000229.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1097478	Soil	39	22	0.44	87	0.003	<1	0.92	0.004	0.05	<0.1	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1097479	Soil	54	28	0.62	55	0.001	<1	1.56	0.003	0.03	<0.1	0.01	1.6	<0.1	<0.05	4	0.5	<0.2
1036787	Soil	16	22	0.35	140	0.033	<1	1.00	0.006	0.04	0.2	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
1097477	Soil	31	22	0.38	69	0.008	<1	1.26	0.005	0.07	0.1	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
1097481	Soil	48	40	0.63	72	0.003	<1	1.18	0.004	0.06	<0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1097480	Soil	30	21	0.40	104	0.011	<1	1.45	0.004	0.06	<0.1	0.02	1.2	0.1	<0.05	4	<0.5	<0.2
1036796	Soil	18	22	0.31	76	0.026	1	1.03	0.006	0.03	0.3	0.05	0.9	<0.1	<0.05	3	<0.5	<0.2
1036794	Soil	25	25	0.39	96	0.031	<1	1.09	0.006	0.03	0.3	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1036791	Soil	18	17	0.31	120	0.037	<1	0.79	0.006	0.04	0.3	0.03	1.8	<0.1	<0.05	2	<0.5	<0.2
1036789	Soil	24	24	0.43	179	0.033	<1	1.25	0.006	0.04	0.2	0.05	2.4	<0.1	<0.05	4	<0.5	<0.2
1036792	Soil	17	22	0.32	75	0.031	<1	0.93	0.006	0.04	0.3	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
1036793	Soil	26	20	0.33	89	0.021	<1	1.05	0.006	0.03	0.2	0.04	0.9	<0.1	<0.05	4	<0.5	<0.2
1036797	Soil	20	22	0.32	81	0.028	<1	1.04	0.006	0.04	0.4	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1036795	Soil	27	27	0.41	98	0.032	<1	1.17	0.006	0.04	0.3	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1151062	Soil	20	20	0.39	87	0.031	<1	1.20	0.006	0.03	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1151060	Soil	32	24	0.42	43	0.024	<1	1.34	0.007	0.04	0.2	0.04	1.1	<0.1	<0.05	5	0.6	<0.2
1151064	Soil	27	23	0.40	111	0.028	<1	1.29	0.005	0.03	0.2	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1151063	Soil	12	20	0.31	70	0.035	<1	1.01	0.004	0.03	0.2	0.04	1.2	<0.1	<0.05	4	<0.5	<0.2
1151072	Soil	33	15	0.36	129	0.025	<1	1.17	0.004	0.09	0.4	0.02	1.4	0.2	<0.05	3	<0.5	<0.2
1151071	Soil	16	19	0.28	52	0.032	<1	1.04	0.004	0.03	0.2	0.06	1.0	<0.1	<0.05	4	<0.5	<0.2
1151059	Soil	24	18	0.34	48	0.024	<1	0.99	0.004	0.03	0.2	0.05	1.1	<0.1	<0.05	3	<0.5	<0.2
1151061	Soil	21	18	0.34	62	0.024	<1	1.11	0.005	0.03	0.2	0.04	1.2	<0.1	<0.05	3	0.8	<0.2
1151065	Soil	26	21	0.39	80	0.028	<1	1.19	0.005	0.03	0.3	0.06	1.4	<0.1	<0.05	3	<0.5	<0.2
1151070	Soil	20	21	0.35	71	0.032	<1	1.15	0.006	0.04	0.2	0.04	1.3	<0.1	<0.05	4	0.6	<0.2
1151074	Soil	15	21	0.32	96	0.030	<1	1.24	0.005	0.04	0.2	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1151073	Soil	23	20	0.30	68	0.026	<1	1.28	0.005	0.05	0.2	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1151066	Soil	25	20	0.38	71	0.025	<1	1.21	0.005	0.04	0.2	0.05	1.4	<0.1	<0.05	3	<0.5	<0.2
1151069	Soil	15	20	0.29	61	0.033	<1	1.14	0.004	0.03	0.2	0.04	1.2	0.1	<0.05	4	0.6	<0.2
1151068	Soil	21	19	0.32	71	0.024	<1	1.17	0.005	0.04	0.2	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1151067	Soil	27	19	0.34	37	0.024	<1	1.09	0.004	0.03	0.2	0.05	0.9	<0.1	<0.05	4	<0.5	<0.2

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Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000229.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151899	Soil	0.7	29.8	30.7	65	0.2	21.8	9.1	256	2.47	11.5	1.8	3.5	8.2	11	0.2	2.5	0.3	29	0.09	0.051
1036783	Soil	1.1	17.1	17.9	51	<0.1	17.0	6.3	232	2.31	11.5	1.2	7.1	1.4	12	<0.1	1.5	0.3	38	0.10	0.051
1036785	Soil	0.8	14.1	13.2	40	<0.1	12.7	4.5	142	1.79	9.6	1.0	2.2	0.7	8	<0.1	1.1	0.2	28	0.07	0.046
1151898	Soil	0.9	22.4	21.1	55	<0.1	18.0	7.7	241	2.40	11.1	1.5	3.9	2.7	12	0.1	2.2	0.3	34	0.10	0.058
1151897	Soil	0.8	24.6	17.4	56	<0.1	18.0	7.1	246	2.35	10.2	1.4	2.0	3.6	13	0.1	1.4	0.3	35	0.11	0.054
1151900	Soil	0.7	21.8	16.8	50	<0.1	16.9	7.7	244	2.23	19.4	1.4	2.5	2.9	12	0.1	1.2	0.2	36	0.10	0.054
1036786	Soil	0.9	15.9	14.1	47	<0.1	13.6	5.0	175	2.22	11.1	1.1	2.7	1.1	12	<0.1	1.0	0.3	40	0.10	0.053
1036784	Soil	1.0	23.1	17.7	60	<0.1	20.6	9.2	309	2.63	11.7	1.5	2.0	5.1	12	0.2	1.2	0.3	37	0.10	0.060
1151054	Soil	1.9	34.8	25.8	67	0.2	29.2	10.7	302	3.11	18.7	1.4	4.8	8.4	17	0.1	3.3	0.4	38	0.11	0.050
1151053	Soil	1.1	28.6	19.1	68	<0.1	26.4	11.1	274	3.05	11.1	1.2	2.4	8.5	16	0.1	1.0	0.2	39	0.09	0.042
1151894	Soil	1.0	38.4	18.4	65	<0.1	23.3	11.0	342	2.74	14.1	2.0	2.5	5.5	14	0.4	1.5	0.3	39	0.11	0.069
1151895	Soil	0.9	23.8	18.6	56	<0.1	18.0	6.6	206	2.47	10.8	1.4	13.2	2.8	11	0.2	1.6	0.3	32	0.09	0.049
1151058	Soil	1.1	38.0	45.9	58	0.3	14.1	7.6	248	3.42	11.5	1.3	3.7	6.8	12	0.1	1.6	0.6	27	0.05	0.055
1151057	Soil	3.2	55.7	19.9	86	0.2	18.4	8.5	242	4.49	9.4	3.1	<0.5	22.9	30	0.2	1.5	0.5	17	0.04	0.055
1151056	Soil	3.3	59.6	21.4	92	0.2	19.4	8.4	242	4.65	9.3	3.3	0.7	24.4	32	0.1	1.6	0.4	16	0.05	0.059
1151055	Soil	1.1	29.7	21.4	62	<0.1	18.4	8.3	267	2.93	11.6	1.3	2.1	6.8	16	0.1	1.2	0.4	30	0.07	0.044
1110792	Soil	0.9	19.0	17.9	50	<0.1	16.7	7.1	184	2.74	9.9	0.8	1.3	4.6	8	<0.1	1.5	0.3	34	0.06	0.041
1110791	Soil	1.0	31.1	17.9	68	<0.1	18.4	8.8	233	3.57	6.4	1.6	1.6	4.7	8	<0.1	1.3	0.3	26	0.04	0.070
1110790	Soil	0.8	26.7	18.2	60	<0.1	20.5	8.7	174	2.98	15.6	1.4	3.6	4.2	11	<0.1	2.0	0.3	31	0.07	0.039
1110789	Soil	0.8	24.6	18.2	60	<0.1	20.4	8.9	204	2.87	10.5	1.2	15.3	1.7	9	<0.1	2.2	0.3	33	0.06	0.048
1110699	Soil	0.6	21.4	11.7	53	0.2	19.9	9.1	287	2.08	15.1	0.9	1.4	6.2	13	0.2	6.1	0.2	26	0.13	0.054
1110795	Soil	0.8	61.3	33.4	121	0.1	53.1	23.7	419	4.81	9.3	2.8	2.1	16.6	10	<0.1	1.6	0.5	17	0.03	0.048
1110794	Soil	0.8	62.3	35.2	128	0.1	52.9	23.8	426	4.91	9.3	2.7	3.1	18.6	9	0.1	1.6	0.5	14	0.02	0.045
1110793	Soil	0.9	30.3	19.1	68	<0.1	25.6	11.4	263	2.84	8.5	1.4	2.0	9.8	9	<0.1	2.3	0.3	27	0.08	0.039
1036634	Soil	0.6	25.7	41.9	90	<0.1	28.2	16.6	632	3.46	6.9	0.7	<0.5	4.8	36	0.2	5.8	0.2	82	0.43	0.138
1036636	Soil	0.8	21.2	22.5	46	<0.1	15.5	7.1	161	2.28	42.1	1.2	5.5	2.4	7	<0.1	7.0	0.2	27	0.06	0.038
1036638	Soil	0.7	33.6	29.3	59	0.1	16.9	6.3	164	3.07	14.8	1.7	1.9	9.6	8	0.1	4.5	0.3	27	0.05	0.035
1036639	Soil	0.7	17.2	15.5	47	<0.1	13.8	6.1	170	2.80	9.7	0.8	1.4	6.2	7	0.1	2.4	0.2	32	0.06	0.039
1110800	Soil	0.8	32.4	15.2	74	<0.1	39.4	14.6	344	3.07	28.8	1.0	2.0	3.8	11	0.2	12.8	0.2	41	0.11	0.057
1036635	Soil	1.0	28.3	23.9	61	<0.1	21.3	8.5	273	2.52	12.7	1.0	2.9	6.3	11	0.2	7.8	0.3	32	0.11	0.050

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151899	Soil	33	19	0.34	99	0.032	<1	1.04	0.005	0.04	0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1036783	Soil	22	22	0.31	73	0.028	<1	1.23	0.005	0.04	0.1	0.05	1.2	<0.1	<0.05	4	<0.5	<0.2
1036785	Soil	21	17	0.29	48	0.016	<1	0.83	0.004	0.03	0.1	0.04	0.6	<0.1	<0.05	3	<0.5	<0.2
1151898	Soil	26	22	0.34	80	0.030	<1	1.18	0.005	0.04	0.1	0.05	1.7	0.1	<0.05	4	<0.5	<0.2
1151897	Soil	23	23	0.36	110	0.034	<1	1.24	0.007	0.04	0.2	0.05	2.0	0.1	<0.05	4	<0.5	<0.2
1151900	Soil	20	21	0.36	116	0.033	<1	1.20	0.006	0.04	0.1	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
1036786	Soil	16	22	0.36	77	0.031	<1	1.20	0.007	0.04	0.2	0.04	1.3	0.1	<0.05	4	<0.5	<0.2
1036784	Soil	24	22	0.37	100	0.036	<1	1.25	0.006	0.04	0.2	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1151054	Soil	28	21	0.44	109	0.040	<1	1.43	0.007	0.04	0.2	0.04	1.9	0.1	<0.05	4	1.0	<0.2
1151053	Soil	24	23	0.48	110	0.040	<1	1.60	0.006	0.05	0.2	0.04	2.1	0.1	<0.05	4	<0.5	<0.2
1151894	Soil	23	24	0.43	128	0.039	<1	1.38	0.006	0.05	0.2	0.05	3.3	0.1	<0.05	4	0.6	<0.2
1151895	Soil	26	21	0.37	64	0.025	<1	1.20	0.005	0.04	0.1	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
1151058	Soil	32	19	0.46	41	0.017	2	1.11	0.003	0.04	0.3	0.05	1.0	<0.1	<0.05	4	0.5	<0.2
1151057	Soil	45	19	0.69	89	0.006	3	1.49	0.007	0.06	<0.1	0.01	1.6	0.1	<0.05	4	<0.5	<0.2
1151056	Soil	45	19	0.73	92	0.005	2	1.58	0.007	0.06	<0.1	0.02	1.5	0.1	<0.05	5	<0.5	<0.2
1151055	Soil	31	18	0.43	67	0.021	2	1.23	0.005	0.04	0.1	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
1110792	Soil	25	19	0.29	61	0.018	1	1.12	0.004	0.04	0.1	0.04	1.4	0.1	<0.05	4	0.5	<0.2
1110791	Soil	49	19	0.39	79	0.010	1	1.23	0.004	0.04	0.2	0.03	1.1	0.1	<0.05	4	0.5	<0.2
1110790	Soil	38	18	0.31	116	0.014	1	1.09	0.004	0.04	0.2	0.05	1.6	0.3	<0.05	3	<0.5	<0.2
1110789	Soil	35	19	0.26	115	0.014	2	1.03	0.004	0.04	0.2	0.05	1.1	0.2	<0.05	4	<0.5	<0.2
1110699	Soil	25	15	0.34	104	0.024	3	0.87	0.005	0.04	0.1	0.03	1.8	<0.1	<0.05	2	0.8	<0.2
1110795	Soil	65	18	0.53	62	0.005	1	1.32	0.004	0.04	<0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1110794	Soil	65	19	0.53	60	0.004	1	1.30	0.004	0.04	<0.1	0.03	1.3	<0.1	<0.05	4	0.7	<0.2
1110793	Soil	39	14	0.32	92	0.019	2	1.02	0.004	0.04	0.2	0.03	1.7	0.2	<0.05	3	0.9	<0.2
1036634	Soil	16	71	1.44	361	0.170	3	2.48	0.009	0.27	0.1	0.03	4.6	0.4	<0.05	8	0.5	<0.2
1036636	Soil	32	20	0.32	73	0.015	2	1.17	0.004	0.04	0.1	0.04	1.1	0.1	<0.05	4	<0.5	<0.2
1036638	Soil	41	19	0.39	99	0.018	1	1.24	0.004	0.04	<0.1	0.04	1.9	<0.1	<0.05	4	0.8	<0.2
1036639	Soil	27	21	0.38	71	0.015	2	1.45	0.004	0.03	0.1	0.05	1.5	<0.1	<0.05	4	<0.5	<0.2
1110800	Soil	20	43	0.70	79	0.019	3	1.61	0.004	0.03	0.1	0.03	2.8	0.1	<0.05	4	<0.5	<0.2
1036635	Soil	29	23	0.44	87	0.023	2	1.24	0.004	0.04	0.2	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000229.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1036637	Soil	0.9	22.1	16.8	49	<0.1	15.7	8.2	184	2.77	12.8	1.3	2.3	2.7	8	<0.1	2.6	0.2	37	0.07	0.045
1036640	Soil	1.0	22.2	15.7	56	<0.1	20.2	8.8	276	2.75	12.5	1.0	3.0	1.2	10	0.1	3.4	0.2	34	0.08	0.054
1151016	Soil	0.9	38.7	31.0	105	<0.1	36.9	16.3	1280	4.34	17.4	2.2	2.4	6.5	11	0.3	1.0	0.4	23	0.13	0.096
1151017	Soil	1.0	27.1	31.9	78	0.1	20.9	9.5	319	2.87	11.1	0.9	1.8	5.6	9	0.3	0.9	0.2	35	0.07	0.034
1151018	Soil	1.3	40.6	30.6	76	0.1	15.1	7.2	317	3.94	9.7	1.6	5.4	12.7	9	0.1	1.1	0.4	24	0.04	0.044
1151019	Soil	1.0	27.6	38.3	84	0.3	22.3	9.4	374	2.75	13.0	1.2	2.9	5.5	11	0.4	1.0	0.3	35	0.10	0.048
1151020	Soil	0.7	34.1	53.9	105	0.2	25.9	10.9	349	3.15	15.3	1.6	0.7	11.2	14	0.5	0.9	0.3	25	0.07	0.038
1151021	Soil	1.0	27.4	14.4	62	<0.1	21.3	11.7	300	2.82	14.1	1.0	3.4	3.9	11	0.1	0.8	0.3	33	0.05	0.029
1151052	Soil	0.9	28.6	11.6	64	<0.1	21.5	9.6	459	2.17	17.1	1.1	25.6	5.9	14	0.4	1.8	0.2	35	0.16	0.076
1151025	Soil	0.8	19.1	11.9	58	<0.1	16.8	7.1	317	2.39	11.4	0.7	2.3	1.6	8	0.1	0.8	0.2	35	0.06	0.032
1151022	Soil	0.7	13.0	338.9	612	1.1	57.1	25.0	>10000	5.90	19.6	2.0	<0.5	17.9	99	5.9	1.7	0.2	14	2.93	0.043
1151023	Soil	0.9	23.3	15.8	63	<0.1	21.7	9.8	288	2.66	12.5	0.9	2.9	4.3	14	0.2	0.8	0.2	36	0.13	0.047
1151024	Soil	0.8	22.3	13.1	56	<0.1	16.3	7.0	280	2.66	9.9	0.8	4.8	3.8	10	<0.1	0.7	0.2	35	0.06	0.025
1151051	Soil	1.4	32.1	29.6	69	<0.1	23.0	10.9	258	2.94	17.9	1.7	2.9	10.5	9	<0.1	0.9	0.4	21	0.03	0.043
1110788	Soil	0.7	29.1	14.2	68	<0.1	22.4	9.5	339	2.69	12.2	1.2	4.1	6.0	17	0.2	2.0	0.2	35	0.14	0.044
1110787	Soil	1.1	19.7	15.5	46	0.1	14.5	6.0	141	2.34	14.5	1.2	2.7	2.7	11	<0.1	2.4	0.2	26	0.05	0.037
1110786	Soil	0.7	24.7	17.2	57	<0.1	20.5	9.6	239	2.51	13.4	1.2	4.6	5.3	13	<0.1	3.8	0.3	23	0.07	0.040
1110700	Soil	0.8	20.2	22.3	50	<0.1	16.3	7.6	212	2.31	86.5	0.9	8.3	3.0	13	<0.1	10.1	0.2	32	0.09	0.037
1096193	Soil	1.0	25.1	145.3	218	0.4	78.4	23.4	844	5.04	61.4	0.6	3.4	3.9	62	4.2	25.6	0.2	130	0.46	0.094
1096195	Soil	1.4	32.5	26.5	89	0.2	40.8	16.7	817	3.33	13.5	1.5	2.4	4.8	25	0.4	4.2	0.3	40	0.21	0.071
1096191	Soil	1.6	32.9	39.4	117	0.2	37.8	18.3	1044	3.67	17.7	1.2	11.9	3.8	32	0.4	6.5	0.3	45	0.22	0.084
1096190	Soil	1.1	42.3	37.7	111	0.2	50.1	17.2	633	3.99	23.7	1.0	9.8	6.0	47	0.5	5.3	0.2	60	0.31	0.089
1096306	Soil	3.4	38.5	23.8	125	0.1	32.3	15.4	874	4.29	15.3	1.1	8.1	4.3	47	0.3	3.4	0.3	44	0.21	0.085
1096189	Soil	1.1	70.1	20.1	118	0.2	68.1	20.6	765	4.71	37.8	1.4	3.5	5.3	72	0.5	6.2	0.2	72	0.42	0.103
1096194	Soil	1.6	27.8	60.5	119	0.2	39.9	17.0	897	2.97	20.1	1.5	2.9	2.6	39	1.1	13.0	0.3	40	0.30	0.080
1096196	Soil	1.4	39.9	30.1	86	0.2	42.7	16.2	435	3.41	12.2	2.3	1.4	10.6	29	0.5	7.1	0.3	34	0.25	0.070
1096308	Soil	1.3	64.4	14.9	72	0.2	30.5	20.6	1051	5.45	19.9	0.8	6.9	5.9	93	0.2	3.4	0.2	106	0.56	0.157
1096188	Soil	1.5	31.6	25.3	101	0.2	39.2	15.6	610	3.85	15.6	1.2	3.2	4.8	50	0.2	3.9	0.2	48	0.32	0.070
1079898	Soil	1.5	42.6	23.4	105	0.3	42.0	18.0	857	4.13	19.9	1.4	3.9	2.9	39	0.3	5.7	0.4	38	0.32	0.079
1079899	Soil	1.4	35.1	22.3	93	0.3	48.3	20.6	1018	3.97	19.1	1.2	6.9	4.1	50	0.4	3.0	0.3	59	0.34	0.108

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1036637	Soil	29	23	0.38	96	0.020	3	1.51	0.005	0.04	0.1	0.06	1.7	0.1	<0.05	4	0.8	<0.2
1036640	Soil	22	22	0.39	80	0.015	2	1.25	0.004	0.04	0.1	0.05	1.2	0.1	<0.05	4	<0.5	<0.2
1151016	Soil	40	23	0.61	65	0.011	2	1.44	0.007	0.04	<0.1	0.05	2.0	<0.1	0.05	5	<0.5	<0.2
1151017	Soil	19	21	0.46	72	0.022	2	1.35	0.004	0.04	0.1	0.04	1.5	<0.1	<0.05	4	0.6	<0.2
1151018	Soil	33	23	0.62	56	0.016	2	1.49	0.005	0.04	0.1	0.04	1.4	<0.1	<0.05	5	<0.5	<0.2
1151019	Soil	22	20	0.43	73	0.026	2	1.19	0.005	0.04	0.2	0.05	1.8	0.1	<0.05	4	<0.5	<0.2
1151020	Soil	32	19	0.52	77	0.018	1	1.24	0.004	0.03	0.1	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1151021	Soil	23	20	0.47	65	0.021	<1	1.38	0.004	0.04	0.1	0.05	1.3	<0.1	<0.05	4	<0.5	<0.2
1151052	Soil	21	18	0.33	83	0.040	2	0.82	0.004	0.04	0.6	0.07	2.2	<0.1	<0.05	3	<0.5	<0.2
1151025	Soil	15	20	0.37	77	0.021	<1	1.22	0.004	0.03	0.2	0.04	1.2	0.1	<0.05	4	0.9	<0.2
1151022	Soil	31	13	0.22	49	0.002	5	0.52	0.003	0.11	<0.1	0.03	3.1	0.9	<0.05	2	0.7	<0.2
1151023	Soil	23	20	0.47	77	0.026	1	1.41	0.005	0.05	0.2	0.04	1.5	0.1	<0.05	4	0.5	<0.2
1151024	Soil	20	19	0.45	56	0.023	<1	1.27	0.004	0.04	0.1	0.04	1.3	<0.1	<0.05	4	0.7	<0.2
1151051	Soil	43	15	0.39	55	0.014	2	1.23	0.004	0.05	0.1	0.04	0.9	<0.1	<0.05	4	0.9	<0.2
1110788	Soil	25	20	0.40	255	0.033	2	1.11	0.005	0.05	0.2	0.04	2.9	0.1	<0.05	4	<0.5	<0.2
1110787	Soil	41	16	0.24	90	0.013	<1	0.95	0.004	0.04	0.1	0.05	1.1	0.1	<0.05	3	<0.5	<0.2
1110786	Soil	47	15	0.23	137	0.013	2	0.79	0.004	0.05	0.1	0.04	1.4	0.1	<0.05	3	<0.5	<0.2
1110700	Soil	31	18	0.31	112	0.018	2	1.10	0.005	0.05	0.2	0.04	1.8	0.1	<0.05	3	<0.5	<0.2
1096193	Soil	23	199	1.51	273	0.128	3	2.50	0.006	0.14	0.3	0.04	9.4	0.4	<0.05	7	0.8	<0.2
1096195	Soil	28	39	0.66	184	0.018	1	1.37	0.005	0.05	0.2	0.03	2.7	<0.1	<0.05	4	0.8	<0.2
1096191	Soil	20	35	0.57	232	0.037	1	1.30	0.006	0.13	0.3	0.04	3.4	0.2	<0.05	4	0.8	<0.2
1096190	Soil	21	58	0.86	166	0.081	2	1.41	0.008	0.27	0.3	0.03	4.3	0.3	<0.05	5	<0.5	<0.2
1096306	Soil	19	21	0.46	120	0.042	2	1.16	0.007	0.15	0.2	0.03	2.9	0.2	0.06	4	0.7	<0.2
1096189	Soil	19	94	1.14	220	0.097	1	1.65	0.007	0.36	0.3	0.02	5.9	0.3	<0.05	6	1.0	<0.2
1096194	Soil	25	36	0.57	221	0.019	2	1.41	0.007	0.05	0.2	0.04	2.9	0.1	<0.05	4	<0.5	<0.2
1096196	Soil	36	34	0.59	112	0.018	<1	1.12	0.006	0.05	0.2	0.04	2.8	<0.1	<0.05	3	0.8	<0.2
1096308	Soil	20	32	1.26	161	0.067	2	1.73	0.008	0.21	0.2	0.05	8.3	0.3	<0.05	6	1.0	<0.2
1096188	Soil	18	44	0.69	167	0.059	<1	1.18	0.006	0.17	0.3	0.03	3.8	0.2	<0.05	4	0.9	<0.2
1079898	Soil	16	34	0.60	238	0.033	2	1.22	0.006	0.16	0.2	0.04	3.0	0.2	0.07	4	0.8	<0.2
1079899	Soil	18	72	0.76	264	0.045	<1	1.43	0.006	0.17	0.2	0.05	4.3	0.2	<0.05	5	0.9	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096197	Soil	1.1	41.8	30.4	81	0.2	43.4	17.4	374	3.26	10.0	2.8	2.5	14.1	31	0.4	6.4	0.4	27	0.25	0.075
1096311	Soil	1.5	42.2	30.4	118	<0.1	44.1	20.3	735	4.80	19.7	1.2	7.0	5.3	68	0.5	5.3	0.3	51	0.32	0.094
1096192	Soil	1.5	46.2	28.3	121	0.2	80.0	23.5	1177	5.12	36.8	1.0	69.3	5.5	137	0.7	6.1	0.2	88	0.75	0.088
1079900	Soil	1.4	33.7	36.5	106	0.4	37.0	17.8	1063	4.05	18.3	1.2	5.2	2.1	33	0.4	7.1	0.3	45	0.25	0.090
1110796	Soil	1.0	19.5	17.1	49	<0.1	15.7	6.9	179	2.60	12.4	1.2	4.1	1.5	10	0.1	1.9	0.3	39	0.09	0.054
1110798	Soil	1.4	53.3	26.3	103	0.1	40.7	20.0	291	4.51	10.5	3.2	2.9	11.5	7	<0.1	1.6	0.5	15	0.02	0.039
1110799	Soil	0.9	32.1	42.4	94	<0.1	31.3	12.8	236	3.14	22.2	1.1	4.8	7.8	8	0.2	14.2	0.3	27	0.05	0.039
1110797	Soil	1.4	57.4	27.4	102	0.1	40.0	21.5	271	4.05	13.5	2.8	3.0	6.9	6	0.1	1.0	0.5	15	0.02	0.045
1110698	Soil	1.2	20.7	16.7	55	0.3	15.5	5.8	152	2.51	11.5	1.4	1.7	0.7	11	0.1	0.6	0.3	42	0.07	0.065
1110695	Soil	0.9	27.2	13.4	61	<0.1	23.1	9.8	261	2.61	9.1	1.2	3.5	3.2	9	0.1	0.7	0.3	34	0.11	0.052
1110693	Soil	1.2	25.1	12.9	67	0.1	21.5	10.0	307	2.62	13.1	1.3	6.9	2.7	13	0.1	1.0	0.2	43	0.13	0.062
1110687	Soil	0.8	18.8	13.4	50	<0.1	16.8	6.4	192	2.24	9.5	0.8	1.3	3.7	9	<0.1	0.7	0.2	32	0.08	0.040
1110697	Soil	1.2	18.9	17.3	54	0.3	15.5	5.9	152	2.56	10.7	1.3	0.8	0.7	10	<0.1	0.6	0.3	43	0.07	0.065
1110694	Soil	0.7	18.9	10.2	50	<0.1	15.9	6.3	199	2.18	10.5	0.8	2.5	1.8	10	0.2	0.7	0.2	39	0.11	0.056
1110690	Soil	1.2	27.1	14.4	61	0.2	16.7	7.1	200	2.85	14.9	1.1	4.6	6.3	9	0.1	0.8	0.3	30	0.08	0.047
1110691	Soil	1.5	27.7	17.1	55	0.3	15.1	5.9	231	3.11	17.9	1.4	3.3	4.0	10	0.1	0.7	0.4	33	0.07	0.064
1110696	Soil	0.9	28.0	16.6	67	0.2	20.9	10.9	281	2.69	10.1	1.3	1.9	5.9	8	0.2	0.6	0.3	33	0.07	0.041
1110692	Soil	1.1	32.6	13.0	76	0.2	30.0	11.2	334	2.83	12.1	1.3	2.4	7.4	17	0.3	1.1	0.2	40	0.20	0.091
1110689	Soil	0.9	20.3	12.7	53	0.2	16.0	7.5	238	2.31	10.2	1.0	3.3	3.3	10	0.1	0.6	0.2	34	0.10	0.055
1110688	Soil	0.9	21.4	12.1	49	<0.1	18.9	9.5	228	2.58	6.5	1.4	3.7	9.6	9	<0.1	0.5	0.2	21	0.05	0.041

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000229.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096197	Soil	41	29	0.61	100	0.018	<1	1.10	0.007	0.05	0.2	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
1096311	Soil	19	30	0.68	143	0.058	2	1.38	0.009	0.15	0.5	0.03	3.5	0.2	<0.05	4	0.5	<0.2
1096192	Soil	14	120	1.19	238	0.096	2	1.56	0.007	0.31	0.2	0.05	7.0	0.4	0.11	6	1.1	<0.2
1079900	Soil	14	34	0.61	233	0.031	2	1.34	0.006	0.15	0.1	0.05	3.0	0.2	0.06	5	0.8	<0.2
1110796	Soil	18	24	0.36	103	0.022	<1	1.31	0.005	0.04	0.1	0.05	1.4	0.1	<0.05	4	0.8	<0.2
1110798	Soil	54	12	0.14	43	0.005	<1	0.67	0.003	0.03	<0.1	0.01	1.3	0.1	<0.05	2	<0.5	<0.2
1110799	Soil	30	23	0.39	61	0.015	<1	1.21	0.003	0.03	<0.1	0.03	1.6	<0.1	<0.05	3	0.7	<0.2
1110797	Soil	50	13	0.18	77	0.006	<1	0.68	0.004	0.03	<0.1	0.02	1.1	<0.1	<0.05	2	1.2	<0.2
1110698	Soil	25	26	0.33	137	0.013	<1	1.43	0.005	0.04	0.1	0.04	1.0	0.1	<0.05	5	0.9	<0.2
1110695	Soil	27	19	0.32	82	0.023	<1	0.98	0.004	0.03	0.2	0.03	1.4	0.1	<0.05	3	0.6	<0.2
1110693	Soil	20	28	0.49	154	0.033	<1	1.45	0.006	0.04	0.2	0.04	2.7	0.1	<0.05	4	0.8	<0.2
1110687	Soil	20	18	0.33	60	0.025	<1	1.14	0.004	0.04	0.2	0.04	1.3	0.1	<0.05	3	1.0	<0.2
1110697	Soil	22	25	0.34	122	0.015	<1	1.42	0.005	0.04	0.1	0.04	0.9	0.2	<0.05	5	1.0	<0.2
1110694	Soil	16	22	0.40	85	0.030	<1	1.19	0.005	0.04	0.2	0.04	1.4	0.1	<0.05	4	0.9	<0.2
1110690	Soil	33	19	0.33	83	0.022	<1	1.02	0.005	0.04	0.1	0.03	1.5	<0.1	<0.05	3	0.7	<0.2
1110691	Soil	27	24	0.49	87	0.017	<1	1.42	0.005	0.04	0.1	0.04	1.4	<0.1	0.05	4	0.5	<0.2
1110696	Soil	27	22	0.39	140	0.024	<1	1.20	0.005	0.03	0.2	0.03	2.3	<0.1	<0.05	4	0.7	<0.2
1110692	Soil	26	30	0.48	93	0.045	<1	1.13	0.005	0.06	0.3	0.02	2.6	0.1	<0.05	3	<0.5	<0.2
1110689	Soil	20	21	0.41	108	0.023	<1	1.28	0.004	0.03	0.2	0.04	1.5	0.1	<0.05	4	1.1	<0.2
1110688	Soil	35	15	0.49	62	0.016	<1	0.99	0.003	0.03	<0.1	0.01	1.3	<0.1	<0.05	3	0.5	<0.2

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600 - 666 Burrard St.
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Project: MHR
Report Date: September 15, 2011

QUALITY CONTROL REPORT DAW11000229.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1097231	Soil	0.9	29.4	19.6	69	<0.1	28.2	15.0	434	3.00	8.0	1.4	2.0	6.5	14	0.3	1.4	0.3	32	0.12	0.061
REP 1097231	QC	1.0	29.9	19.7	71	<0.1	28.2	15.0	417	2.97	8.4	1.4	1.5	6.6	14	0.3	1.4	0.3	30	0.12	0.058
1097207	Soil	0.9	19.2	11.3	51	<0.1	22.0	8.8	348	2.32	12.6	0.5	13.3	2.7	8	0.3	1.0	0.2	38	0.08	0.036
REP 1097207	QC	0.8	18.4	11.1	54	<0.1	21.1	8.9	346	2.37	12.7	0.6	8.0	2.7	8	0.3	1.0	0.1	37	0.07	0.032
1098002	Soil	1.1	36.0	15.5	65	<0.1	27.4	10.9	368	2.86	29.3	1.4	2.9	8.4	11	0.1	0.9	0.3	33	0.09	0.028
REP 1098002	QC	0.8	35.5	16.0	64	<0.1	27.4	11.0	349	2.81	29.1	1.4	3.7	8.6	12	0.1	0.8	0.2	35	0.08	0.029
1098006	Soil	0.9	17.9	11.9	47	0.3	15.4	6.0	219	2.18	16.2	0.8	2.4	3.7	13	0.2	0.5	0.2	35	0.12	0.046
REP 1098006	QC	0.8	17.3	11.8	46	0.3	15.5	6.1	213	2.09	15.9	0.9	5.0	4.0	14	0.2	0.5	0.2	37	0.13	0.045
1036604	Soil	0.6	25.6	12.5	63	<0.1	19.8	9.2	309	2.21	8.9	1.0	2.1	5.7	13	0.2	1.9	0.2	31	0.12	0.048
REP 1036604	QC	0.7	25.0	12.6	61	<0.1	19.2	8.9	297	2.17	8.7	1.0	1.0	5.8	12	0.2	1.7	0.2	31	0.11	0.046
1036629	Soil	0.7	25.8	10.0	61	<0.1	19.6	8.0	314	2.11	11.3	1.2	7.0	3.9	17	0.1	1.1	0.2	33	0.17	0.065
REP 1036629	QC	0.7	25.8	10.6	61	<0.1	20.2	8.1	307	2.14	11.7	1.1	2.4	3.9	17	0.2	1.1	0.2	33	0.18	0.064
1037491	Soil	1.3	27.1	45.5	80	0.5	27.8	13.2	310	2.77	34.0	0.8	4.4	4.4	11	0.5	1.5	0.5	34	0.07	0.044
REP 1037491	QC	1.3	28.6	49.1	85	0.5	28.7	13.8	321	2.91	34.5	0.9	5.0	4.7	11	0.5	1.5	0.5	36	0.06	0.045
1037354	Soil	0.6	13.2	9.2	49	<0.1	17.8	7.6	295	1.86	10.4	0.5	9.5	2.8	10	0.2	0.7	0.1	25	0.11	0.046
REP 1037354	QC	0.6	13.3	8.9	48	<0.1	16.6	7.3	277	1.76	10.0	0.5	4.0	2.8	10	0.2	0.6	<0.1	25	0.10	0.044
1037486	Soil	1.0	23.7	20.7	63	0.1	20.8	10.0	482	2.70	11.0	1.1	6.5	2.2	7	0.2	0.7	0.3	36	0.05	0.044
REP 1037486	QC	1.0	24.1	20.8	62	0.1	21.7	10.4	497	2.75	11.3	1.1	2.0	2.1	7	0.2	0.6	0.3	36	0.05	0.046
1097467	Soil	0.9	28.3	23.7	70	<0.1	28.8	10.5	339	2.78	9.8	1.2	2.7	8.4	16	0.1	3.3	0.3	26	0.16	0.041
REP 1097467	QC	1.0	28.6	23.6	71	<0.1	29.7	10.6	342	2.80	9.7	1.2	2.5	8.4	16	0.1	3.2	0.2	25	0.15	0.042
1151884	Soil	1.1	31.3	17.4	71	<0.1	38.6	13.5	326	3.28	15.3	1.5	3.6	3.2	10	0.2	2.9	0.3	39	0.07	0.053
REP 1151884	QC	1.0	30.1	17.0	66	<0.1	37.7	13.3	317	3.13	14.7	1.5	5.6	2.8	10	0.2	2.9	0.2	38	0.07	0.051
1036787	Soil	0.9	22.3	10.7	58	<0.1	20.4	7.3	278	2.17	11.0	0.8	4.3	4.1	12	0.2	0.8	0.1	37	0.15	0.055
REP 1036787	QC	0.9	21.1	10.5	57	<0.1	19.5	7.5	264	2.11	10.6	0.7	22.0	3.7	11	0.2	0.8	0.1	35	0.14	0.055
1151065	Soil	0.8	23.7	16.9	60	<0.1	29.7	15.9	506	2.55	12.1	1.2	6.0	5.7	11	0.1	0.8	0.2	31	0.09	0.046
REP 1151065	QC	0.8	24.7	16.5	59	<0.1	29.8	15.7	489	2.49	11.5	1.2	7.1	5.5	11	0.1	0.8	0.3	30	0.08	0.045
1151069	Soil	1.0	12.1	17.3	43	<0.1	14.4	5.5	248	2.39	12.3	0.7	2.2	2.4	8	0.1	0.9	0.2	41	0.05	0.027
REP 1151069	QC	1.1	11.8	17.5	45	<0.1	15.4	5.9	233	2.41	12.6	0.7	0.5	2.3	8	0.1	0.9	0.2	40	0.06	0.029

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Project: MHR
Report Date: September 15, 2011

QUALITY CONTROL REPORT DAW11000229.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1097231	Soil	31	23	0.48	130	0.026	1	1.36	0.005	0.05	0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
REP 1097231	QC	31	22	0.47	135	0.025	<1	1.31	0.005	0.05	0.2	0.02	1.8	<0.1	<0.05	4	0.7	<0.2
1097207	Soil	14	20	0.28	90	0.035	1	1.16	0.005	0.04	0.2	0.04	1.7	<0.1	<0.05	3	0.5	<0.2
REP 1097207	QC	13	20	0.28	83	0.031	<1	1.05	0.004	0.04	0.2	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
1098002	Soil	26	25	0.46	164	0.033	<1	1.35	0.005	0.04	0.1	0.04	3.1	<0.1	<0.05	4	0.8	<0.2
REP 1098002	QC	28	24	0.45	166	0.033	<1	1.37	0.006	0.04	0.1	0.02	3.2	<0.1	<0.05	4	0.5	<0.2
1098006	Soil	15	20	0.35	156	0.019	<1	1.06	0.005	0.04	0.2	0.02	1.8	0.1	<0.05	4	1.2	<0.2
REP 1098006	QC	16	21	0.36	156	0.022	<1	1.10	0.005	0.05	0.2	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
1036604	Soil	21	19	0.39	163	0.036	<1	1.10	0.005	0.04	0.2	0.03	2.5	<0.1	<0.05	3	<0.5	<0.2
REP 1036604	QC	20	19	0.38	157	0.034	<1	1.04	0.005	0.03	0.2	0.03	2.6	<0.1	<0.05	3	<0.5	<0.2
1036629	Soil	17	21	0.38	316	0.038	<1	1.01	0.006	0.04	0.2	0.04	2.6	<0.1	<0.05	3	<0.5	<0.2
REP 1036629	QC	18	21	0.38	319	0.039	<1	1.03	0.005	0.04	0.2	0.04	2.8	<0.1	<0.05	3	0.6	<0.2
1037491	Soil	15	20	0.31	87	0.026	2	1.41	0.005	0.04	0.2	0.06	2.1	<0.1	<0.05	4	0.9	<0.2
REP 1037491	QC	15	21	0.33	89	0.026	2	1.49	0.005	0.04	0.3	0.06	2.2	<0.1	<0.05	4	<0.5	<0.2
1037354	Soil	12	15	0.33	69	0.025	1	0.87	0.005	0.03	0.2	0.03	1.5	<0.1	<0.05	2	<0.5	<0.2
REP 1037354	QC	12	15	0.31	69	0.025	1	0.80	0.005	0.03	0.3	0.04	1.4	<0.1	<0.05	2	<0.5	<0.2
1037486	Soil	23	23	0.37	67	0.021	1	1.30	0.004	0.04	0.2	0.03	0.9	<0.1	<0.05	4	<0.5	<0.2
REP 1037486	QC	23	24	0.36	63	0.022	1	1.29	0.004	0.04	0.2	0.03	0.9	<0.1	<0.05	4	<0.5	<0.2
1097467	Soil	28	23	0.45	154	0.022	<1	1.09	0.005	0.08	<0.1	0.02	1.3	0.1	<0.05	4	<0.5	<0.2
REP 1097467	QC	28	23	0.47	154	0.019	<1	1.12	0.005	0.07	0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1151884	Soil	26	43	0.47	84	0.014	<1	1.40	0.004	0.05	0.1	0.02	1.3	0.1	<0.05	4	<0.5	<0.2
REP 1151884	QC	25	41	0.45	83	0.016	1	1.38	0.004	0.05	0.1	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
1036787	Soil	16	22	0.35	140	0.033	<1	1.00	0.006	0.04	0.2	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
REP 1036787	QC	15	20	0.33	135	0.030	<1	0.91	0.006	0.04	0.3	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
1151065	Soil	26	21	0.39	80	0.028	<1	1.19	0.005	0.03	0.3	0.06	1.4	<0.1	<0.05	3	<0.5	<0.2
REP 1151065	QC	24	20	0.38	74	0.026	<1	1.15	0.005	0.03	0.3	0.05	1.3	<0.1	<0.05	3	<0.5	<0.2
1151069	Soil	15	20	0.29	61	0.033	<1	1.14	0.004	0.03	0.2	0.04	1.2	0.1	<0.05	4	0.6	<0.2
REP 1151069	QC	15	20	0.30	60	0.030	<1	1.20	0.004	0.03	0.2	0.05	1.2	<0.1	<0.05	4	<0.5	<0.2

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Project: MHR
Report Date: September 15, 2011

QUALITY CONTROL REPORT DAW11000229.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1110800	Soil	0.8	32.4	15.2	74	<0.1	39.4	14.6	344	3.07	28.8	1.0	2.0	3.8	11	0.2	12.8	0.2	41	0.11	0.057
REP 1110800	QC	0.9	33.6	16.1	78	<0.1	39.8	14.9	347	3.16	30.7	1.1	3.5	3.9	12	0.3	13.9	0.2	42	0.11	0.060
1036640	Soil	1.0	22.2	15.7	56	<0.1	20.2	8.8	276	2.75	12.5	1.0	3.0	1.2	10	0.1	3.4	0.2	34	0.08	0.054
REP 1036640	QC	0.8	22.1	15.3	54	<0.1	19.2	8.4	271	2.71	12.6	1.0	1.8	1.1	9	0.1	3.4	0.2	35	0.08	0.049
1096306	Soil	3.4	38.5	23.8	125	0.1	32.3	15.4	874	4.29	15.3	1.1	8.1	4.3	47	0.3	3.4	0.3	44	0.21	0.085
REP 1096306	QC	3.5	39.2	24.2	124	0.1	33.4	15.7	888	4.20	16.4	1.0	4.3	4.2	47	0.4	3.4	0.3	44	0.21	0.085
1079900	Soil	1.4	33.7	36.5	106	0.4	37.0	17.8	1063	4.05	18.3	1.2	5.2	2.1	33	0.4	7.1	0.3	45	0.25	0.090
REP 1079900	QC	1.4	32.9	37.2	98	0.4	37.0	17.7	1039	3.94	17.5	1.2	3.8	2.2	34	0.3	6.6	0.3	43	0.26	0.088
Reference Materials																					
STD DS8	Standard	13.5	114.8	127.4	313	1.8	39.4	7.4	596	2.39	24.7	2.8	122.9	7.1	68	2.4	6.0	7.3	43	0.68	0.077
STD DS8	Standard	13.2	110.9	127.9	325	1.9	37.7	7.5	631	2.53	27.2	2.9	122.0	7.2	74	2.3	6.1	7.6	43	0.70	0.082
STD DS8	Standard	13.5	115.6	130.1	338	1.9	41.1	8.1	653	2.64	26.7	2.7	122.9	6.5	66	2.5	5.6	7.1	44	0.72	0.085
STD DS8	Standard	13.4	103.7	121.1	311	1.8	37.4	7.4	634	2.49	25.9	2.6	115.3	6.4	65	2.3	5.4	6.7	41	0.70	0.081
STD DS8	Standard	13.5	112.2	141.4	315	1.8	41.2	7.9	632	2.51	24.7	3.3	118.1	7.2	79	2.1	6.6	8.1	45	0.70	0.078
STD DS8	Standard	12.2	106.5	124.0	308	1.7	36.5	7.1	589	2.31	24.6	3.0	109.3	7.3	62	2.3	5.6	7.0	39	0.62	0.078
STD DS8	Standard	13.7	102.0	125.7	300	1.9	38.5	7.5	623	2.52	23.4	2.6	116.2	6.8	65	2.2	4.8	5.7	42	0.74	0.073
STD DS8	Standard	13.4	98.2	119.6	301	1.8	37.1	7.4	614	2.43	23.0	2.6	111.1	7.0	63	2.2	4.6	5.3	44	0.70	0.071
STD DS8	Standard	13.6	113.9	127.7	312	1.9	37.6	7.7	588	2.36	25.7	2.9	114.7	7.3	70	2.4	5.9	7.3	43	0.68	0.082
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 15, 2011

QUALITY CONTROL REPORT DAW11000229.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1110800	Soil	20	43	0.70	79	0.019	3	1.61	0.004	0.03	0.1	0.03	2.8	0.1	<0.05	4	<0.5	<0.2
REP 1110800	QC	20	45	0.73	84	0.020	3	1.67	0.004	0.04	0.2	0.05	3.1	0.1	<0.05	4	0.6	<0.2
1036640	Soil	22	22	0.39	80	0.015	2	1.25	0.004	0.04	0.1	0.05	1.2	0.1	<0.05	4	<0.5	<0.2
REP 1036640	QC	23	22	0.38	82	0.015	<1	1.23	0.004	0.04	0.2	0.06	1.1	<0.1	<0.05	4	1.1	<0.2
1096306	Soil	19	21	0.46	120	0.042	2	1.16	0.007	0.15	0.2	0.03	2.9	0.2	0.06	4	0.7	<0.2
REP 1096306	QC	19	22	0.47	118	0.045	1	1.15	0.007	0.14	0.2	0.03	3.0	0.2	0.05	4	0.5	<0.2
1079900	Soil	14	34	0.61	233	0.031	2	1.34	0.006	0.15	0.1	0.05	3.0	0.2	0.06	5	0.8	<0.2
REP 1079900	QC	14	34	0.62	230	0.032	1	1.36	0.006	0.15	0.2	0.06	3.3	0.2	0.08	4	1.1	<0.2
Reference Materials																		
STD DS8	Standard	15	113	0.64	262	0.118	2	0.89	0.074	0.39	3.0	0.18	2.1	5.3	0.16	4	5.8	4.6
STD DS8	Standard	16	118	0.70	294	0.120	7	0.96	0.086	0.43	3.1	0.21	2.2	5.9	0.20	5	5.7	5.4
STD DS8	Standard	15	123	0.63	283	0.115	2	0.94	0.086	0.42	3.2	0.20	2.3	5.6	0.17	5	5.1	5.7
STD DS8	Standard	15	115	0.63	277	0.117	3	0.90	0.086	0.41	3.0	0.18	2.2	5.4	0.14	5	4.8	5.1
STD DS8	Standard	17	124	0.61	278	0.128	1	0.91	0.080	0.41	3.1	0.19	2.2	5.4	0.19	5	4.9	4.8
STD DS8	Standard	14	110	0.57	271	0.111	2	0.84	0.079	0.38	3.1	0.21	1.9	5.2	0.15	5	5.2	4.9
STD DS8	Standard	15	128	0.63	275	0.109	2	0.91	0.094	0.41	3.0	0.20	1.4	5.6	0.14	5	5.1	4.8
STD DS8	Standard	15	115	0.61	267	0.108	2	0.95	0.087	0.37	2.9	0.17	1.3	5.3	0.11	5	5.0	4.7
STD DS8	Standard	16	115	0.67	282	0.123	1	0.93	0.092	0.42	2.8	0.21	2.1	5.4	0.20	5	5.4	5.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 14, 2011
Report Date: September 15, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000230.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-04
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000230.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1097029	Soil	0.9	13.6	19.4	52	0.1	13.0	5.2	196	1.91	25.1	0.6	3.5	0.4	9	0.4	0.6	0.2	37	0.09	0.048
1097028	Soil	0.8	12.3	19.1	49	<0.1	11.3	4.4	148	1.82	27.6	0.7	10.9	0.3	8	0.3	0.6	0.2	35	0.10	0.046
1097027	Soil	0.7	12.8	19.4	49	<0.1	11.6	4.0	113	1.69	19.9	0.6	9.0	0.3	7	0.3	0.5	0.2	33	0.07	0.039
1096316	Soil	1.9	31.6	16.5	75	0.2	31.0	12.0	542	2.66	9.9	1.1	9.5	3.8	20	0.3	2.1	0.4	30	0.18	0.069
1098453	Soil	1.0	33.9	12.8	91	0.1	27.0	10.5	468	2.67	36.9	1.0	9.1	6.2	16	0.6	0.9	0.2	46	0.24	0.094
1098452	Soil	0.8	20.9	10.9	64	<0.1	17.4	7.0	276	2.10	39.6	0.8	8.8	1.1	11	0.3	0.8	0.2	38	0.15	0.064
1098451	Soil	0.9	12.0	16.2	50	<0.1	11.2	5.2	200	2.06	36.8	0.6	16.3	0.7	9	0.2	1.0	0.2	39	0.10	0.049
1097030	Soil	0.9	11.7	15.3	47	<0.1	11.4	4.6	141	2.05	23.5	0.6	4.6	0.3	8	0.2	0.9	0.2	38	0.08	0.044
1098457	Soil	0.6	26.7	7.9	58	<0.1	22.8	8.6	350	1.97	12.5	0.6	2.2	3.8	14	0.2	0.6	0.1	28	0.17	0.077
1098456	Soil	0.8	28.1	10.3	72	<0.1	27.2	10.2	500	2.43	16.8	0.7	6.7	5.3	18	0.3	0.9	0.2	41	0.23	0.093
1098455	Soil	0.7	21.9	9.0	61	<0.1	18.5	9.2	342	2.19	17.7	0.8	3.6	2.6	14	0.2	0.7	0.2	37	0.17	0.077
1098454	Soil	0.7	18.1	9.8	52	<0.1	15.3	8.1	320	2.13	16.2	0.6	6.6	1.5	11	0.2	0.6	0.2	38	0.16	0.068
1098460	Soil	0.8	23.2	12.9	65	<0.1	20.2	9.6	502	2.22	102.1	0.7	46.5	3.7	11	0.4	0.8	0.2	30	0.13	0.060
1098470	Soil	0.7	22.7	9.4	56	<0.1	17.0	6.9	280	2.03	17.9	0.8	12.3	2.0	13	0.3	0.6	0.2	35	0.16	0.064
1098459	Soil	0.5	18.8	54.8	137	0.3	20.7	10.4	387	2.31	55.4	2.2	3.3	3.4	11	0.7	1.2	0.3	22	0.13	0.058
1098458	Soil	0.6	26.9	7.7	55	<0.1	21.6	8.3	336	1.91	11.9	0.7	1.2	3.7	14	0.2	0.7	0.1	28	0.17	0.075
1096200	Soil	1.0	36.3	25.9	88	0.1	46.5	20.5	433	3.48	13.2	1.9	2.6	9.6	16	0.3	5.2	0.3	30	0.15	0.059
1096198	Soil	1.6	58.1	33.8	85	0.1	57.1	27.6	579	4.36	8.5	3.3	4.7	18.8	24	0.3	1.9	0.5	25	0.19	0.075
1096303	Soil	0.7	22.1	10.6	58	<0.1	21.2	7.8	263	2.13	9.2	0.9	4.0	3.0	14	0.3	0.9	0.2	34	0.17	0.065
1096199	Soil	0.9	31.1	17.1	75	0.1	36.9	16.1	485	2.67	10.5	2.1	1.3	9.7	20	0.3	3.1	0.2	30	0.22	0.072
1096305	Soil	0.6	20.5	9.0	50	<0.1	19.5	7.0	203	1.92	7.7	0.8	3.3	2.5	14	0.2	0.8	0.1	33	0.17	0.062
1096302	Soil	0.9	21.0	11.9	63	<0.1	22.7	8.4	304	2.31	9.6	0.9	16.1	4.0	16	0.3	1.1	0.2	40	0.21	0.078
1096301	Soil	0.9	32.8	27.8	79	<0.1	26.2	13.0	397	3.05	9.2	1.6	11.4	6.8	13	0.2	4.4	0.3	29	0.11	0.058
1096304	Soil	0.7	21.8	10.3	56	<0.1	21.3	7.8	267	2.15	8.7	0.8	2.1	2.8	15	0.2	0.8	0.2	35	0.17	0.065
1096315	Soil	1.3	25.3	16.4	67	0.1	34.1	11.1	207	2.64	9.4	1.0	2.3	5.7	21	0.2	2.7	0.2	34	0.18	0.065
1096307	Soil	1.1	59.8	13.8	73	0.2	29.7	20.1	1040	5.35	20.0	0.7	4.7	5.9	87	0.2	3.5	0.2	102	0.56	0.162
1096310	Soil	1.0	22.3	14.9	62	<0.1	24.1	10.5	462	2.82	14.3	1.0	7.2	2.9	25	0.2	1.2	0.2	51	0.22	0.058
1096314	Soil	1.6	35.5	21.7	101	0.2	68.9	22.0	1024	3.67	22.3	1.0	3.6	3.1	46	0.3	7.9	0.2	48	0.32	0.092
1096312	Soil	1.2	40.9	30.0	117	0.2	42.1	17.6	803	4.34	19.9	1.2	4.1	2.7	47	0.5	8.3	0.2	38	0.37	0.082
1096313	Soil	1.2	47.7	26.3	109	0.2	44.1	18.0	727	5.09	27.4	1.3	8.3	3.8	44	0.3	8.9	0.2	42	0.28	0.073

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Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000230.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1097029	Soil	12	20	0.29	67	0.019	<1	0.98	0.004	0.03	0.3	0.06	0.8	<0.1	<0.05	4	0.5	<0.2
1097028	Soil	13	19	0.29	68	0.019	1	1.03	0.004	0.03	0.3	0.03	0.8	<0.1	<0.05	4	<0.5	<0.2
1097027	Soil	11	17	0.28	68	0.015	<1	0.93	0.003	0.03	0.3	0.04	0.6	0.1	0.06	4	<0.5	<0.2
1096316	Soil	21	22	0.36	177	0.021	<1	0.99	0.005	0.05	0.3	0.04	2.3	0.1	<0.05	3	<0.5	<0.2
1098453	Soil	22	26	0.43	119	0.050	<1	1.18	0.006	0.05	0.6	0.04	2.8	<0.1	<0.05	3	<0.5	<0.2
1098452	Soil	16	21	0.32	83	0.029	<1	1.09	0.004	0.04	0.4	0.05	1.6	<0.1	<0.05	3	<0.5	<0.2
1098451	Soil	13	21	0.29	59	0.022	<1	1.02	0.004	0.03	0.3	0.08	1.0	<0.1	<0.05	4	<0.5	<0.2
1097030	Soil	12	20	0.29	65	0.018	<1	1.08	0.004	0.03	0.3	0.05	0.8	<0.1	<0.05	4	<0.5	<0.2
1098457	Soil	14	18	0.35	110	0.034	<1	0.95	0.005	0.04	0.2	0.03	2.2	<0.1	<0.05	3	0.6	<0.2
1098456	Soil	20	25	0.38	164	0.044	<1	1.04	0.006	0.04	0.4	0.06	3.3	<0.1	<0.05	3	<0.5	<0.2
1098455	Soil	16	23	0.36	175	0.037	<1	1.13	0.005	0.04	0.3	0.03	2.4	<0.1	<0.05	3	0.6	<0.2
1098454	Soil	16	21	0.30	68	0.032	<1	0.97	0.004	0.03	0.5	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
1098460	Soil	20	19	0.32	85	0.027	<1	0.84	0.004	0.04	0.3	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1098470	Soil	19	20	0.34	119	0.029	<1	1.04	0.004	0.04	0.3	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
1098459	Soil	26	17	0.35	87	0.013	<1	1.05	0.003	0.03	0.3	0.02	1.3	<0.1	<0.05	3	0.5	<0.2
1098458	Soil	15	17	0.34	118	0.034	<1	0.96	0.004	0.04	0.2	0.04	2.3	<0.1	<0.05	2	<0.5	<0.2
1096200	Soil	31	27	0.52	124	0.018	<1	1.21	0.005	0.04	0.2	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
1096198	Soil	43	33	0.74	56	0.012	<1	1.35	0.005	0.04	<0.1	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
1096303	Soil	19	23	0.38	110	0.029	<1	1.05	0.005	0.04	0.3	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
1096199	Soil	27	24	0.47	106	0.026	<1	0.97	0.006	0.04	0.2	0.03	2.5	<0.1	<0.05	3	<0.5	<0.2
1096305	Soil	19	22	0.36	137	0.034	<1	1.00	0.005	0.04	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1096302	Soil	19	23	0.36	98	0.037	<1	0.92	0.005	0.04	0.5	0.05	1.7	<0.1	<0.05	3	<0.5	<0.2
1096301	Soil	32	20	0.41	136	0.022	<1	1.01	0.005	0.04	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1096304	Soil	19	23	0.37	109	0.032	<1	1.05	0.005	0.04	0.2	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1096315	Soil	23	37	0.49	165	0.021	<1	1.12	0.005	0.05	0.2	0.04	2.7	0.1	<0.05	4	<0.5	<0.2
1096307	Soil	21	31	1.31	164	0.064	1	1.78	0.007	0.22	0.2	0.04	8.4	0.3	<0.05	6	<0.5	<0.2
1096310	Soil	15	29	0.47	308	0.034	<1	1.55	0.008	0.05	0.3	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
1096314	Soil	17	76	0.78	227	0.028	1	1.49	0.007	0.07	0.2	0.05	4.7	0.2	0.05	5	<0.5	<0.2
1096312	Soil	15	35	0.77	166	0.031	2	1.40	0.009	0.15	0.1	0.04	3.8	0.3	<0.05	5	<0.5	<0.2
1096313	Soil	18	36	0.91	142	0.036	1	1.66	0.005	0.16	0.2	0.05	3.7	0.2	<0.05	5	<0.5	<0.2

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600 - 666 Burrard St.
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Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000230.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096309	Soil	1.1	38.5	9.9	70	0.1	40.0	14.1	694	3.34	20.2	0.8	5.4	5.4	52	0.3	1.8	0.1	58	0.39	0.102
1096317	Soil	1.1	32.3	32.1	90	0.1	38.1	15.8	493	3.39	16.7	1.5	2.5	8.8	27	0.4	6.5	0.3	30	0.21	0.071
1036780	Soil	0.7	20.6	57.9	52	0.2	16.6	6.2	129	2.00	164.6	1.9	15.0	5.3	13	0.2	12.8	0.4	23	0.07	0.038
1036781	Soil	0.7	16.4	39.5	41	0.2	9.1	3.1	83	2.03	78.3	1.3	6.0	8.0	11	<0.1	8.1	0.3	18	0.04	0.027
1098473	Soil	1.1	23.9	17.4	62	0.1	19.6	10.9	580	2.38	12.5	1.0	2.4	1.3	13	0.3	0.5	0.3	28	0.10	0.052
1098472	Soil	0.8	25.8	10.3	63	<0.1	21.2	7.9	304	2.35	24.3	0.9	5.3	3.1	14	0.3	0.8	0.2	39	0.17	0.067
1036598	Soil	1.1	13.8	31.4	43	0.2	12.2	5.4	205	2.59	20.9	0.7	4.4	5.5	6	<0.1	7.5	0.4	45	0.05	0.022
1036597	Soil	1.2	17.1	14.0	56	0.1	22.0	10.3	330	2.77	15.7	0.6	4.0	4.5	9	0.3	2.4	0.3	44	0.08	0.027
1036599	Soil	1.2	13.1	16.0	47	0.1	17.0	7.0	308	3.13	13.6	0.7	4.1	4.3	8	0.1	2.8	0.3	53	0.08	0.033
1036782	Soil	0.8	16.6	43.6	40	0.2	9.1	3.2	76	2.05	75.9	1.3	7.3	7.8	8	<0.1	9.4	0.3	18	0.03	0.022
1036600	Soil	0.9	17.9	21.4	73	<0.1	19.1	10.6	384	2.55	11.2	0.9	4.5	2.3	10	0.4	3.5	0.3	31	0.13	0.055
1036775	Soil	0.6	19.3	16.8	54	0.2	19.3	7.2	285	2.06	28.7	0.8	6.4	3.5	10	0.2	5.5	0.2	30	0.13	0.047
1036777	Soil	0.6	16.6	20.3	55	<0.1	16.6	6.1	184	2.02	14.8	0.8	3.6	2.9	10	0.2	5.9	0.2	31	0.13	0.048
1036779	Soil	0.7	26.0	19.2	66	0.1	21.8	10.3	417	2.28	11.0	1.0	5.5	5.1	15	0.2	3.1	0.2	38	0.17	0.050
1036773	Soil	1.5	20.6	35.0	65	0.1	17.1	6.1	210	2.46	23.7	1.0	7.0	0.8	11	0.3	7.5	0.3	39	0.08	0.051
1036774	Soil	1.1	6.8	14.0	23	<0.1	6.0	2.4	94	1.82	6.3	0.5	2.5	2.0	6	<0.1	1.2	0.3	52	0.05	0.027
1036776	Soil	0.8	11.6	18.4	48	<0.1	12.2	4.8	164	1.88	15.4	0.7	5.3	0.4	9	0.2	4.4	0.2	33	0.12	0.050
1110633	Soil	0.8	22.8	32.0	75	0.2	23.0	8.4	306	2.60	22.8	1.0	7.2	4.5	14	0.2	11.0	0.2	44	0.14	0.042
1098466	Soil	0.8	20.1	10.1	57	0.1	18.5	7.1	304	2.17	120.4	0.8	41.0	1.8	12	0.3	1.9	0.2	37	0.16	0.063
1098467	Soil	0.8	18.7	9.6	57	0.2	18.5	6.7	244	2.16	26.3	0.7	17.1	3.2	12	0.2	0.9	0.1	37	0.18	0.065
1098469	Soil	0.9	16.5	12.1	55	<0.1	16.1	6.6	265	2.09	20.4	0.8	21.4	1.1	10	0.2	0.6	0.2	37	0.13	0.052
1098468	Soil	1.0	18.7	10.7	64	<0.1	19.2	8.4	358	2.31	32.1	0.7	11.0	2.6	11	0.2	0.9	0.2	39	0.16	0.056
1098461	Soil	1.0	39.1	11.6	86	0.1	32.7	12.7	635	2.69	12.5	0.9	5.4	6.4	13	0.2	0.7	0.2	36	0.16	0.067
1098463	Soil	0.8	14.9	10.5	44	<0.1	12.9	4.4	157	1.91	14.3	0.7	3.3	0.9	10	0.1	0.5	0.2	36	0.13	0.049
1098464	Soil	0.9	10.5	10.9	38	<0.1	11.2	4.1	134	1.83	16.9	0.6	8.5	0.6	8	0.1	0.5	0.2	35	0.10	0.047
1098465	Soil	0.8	13.7	13.7	49	<0.1	13.0	4.7	174	1.68	35.4	0.7	8.4	0.5	9	0.2	0.7	0.2	32	0.11	0.051
1098477	Soil	0.8	30.2	23.6	84	0.3	26.5	12.3	618	2.88	13.9	1.0	4.8	3.8	20	0.3	0.5	0.3	33	0.26	0.055
1098478	Soil	2.0	53.4	16.2	102	0.2	41.4	20.4	1221	4.78	6.8	2.5	3.0	20.9	17	0.1	0.4	0.5	11	0.12	0.055
1098479	Soil	0.7	16.0	17.0	62	0.2	18.6	6.3	270	1.97	17.1	0.6	12.3	1.4	14	0.4	0.6	0.2	32	0.21	0.053
1098462	Soil	0.9	11.5	10.1	33	<0.1	9.5	3.9	154	1.54	11.4	0.6	8.5	0.3	7	0.1	0.4	0.2	32	0.09	0.038

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Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000230.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096309	Soil	18	47	0.72	200	0.057	2	1.11	0.010	0.11	0.4	0.06	5.3	0.2	<0.05	4	<0.5	<0.2
1096317	Soil	32	25	0.46	129	0.023	<1	1.03	0.005	0.06	0.2	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1036780	Soil	36	19	0.26	86	0.012	<1	0.96	0.004	0.07	<0.1	0.03	1.4	0.2	<0.05	3	<0.5	<0.2
1036781	Soil	45	13	0.21	67	0.011	<1	0.75	0.003	0.05	<0.1	0.02	1.3	0.1	<0.05	2	<0.5	<0.2
1098473	Soil	32	18	0.30	126	0.013	<1	1.00	0.004	0.06	0.2	0.02	1.2	0.1	<0.05	4	<0.5	<0.2
1098472	Soil	19	24	0.40	116	0.038	<1	1.19	0.005	0.04	0.3	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
1036598	Soil	18	22	0.23	70	0.017	2	1.25	0.004	0.06	0.2	0.03	1.1	0.1	0.11	4	<0.5	<0.2
1036597	Soil	11	22	0.31	97	0.027	3	1.43	0.006	0.07	0.2	0.04	1.2	0.1	0.08	5	<0.5	<0.2
1036599	Soil	13	24	0.24	75	0.023	2	1.33	0.005	0.06	0.2	0.06	1.1	0.1	0.08	5	<0.5	<0.2
1036782	Soil	39	13	0.21	63	0.006	1	0.71	0.003	0.05	<0.1	0.01	0.7	0.1	<0.05	3	<0.5	<0.2
1036600	Soil	14	19	0.32	79	0.020	2	1.15	0.005	0.06	0.2	0.03	0.9	0.1	0.06	3	<0.5	<0.2
1036775	Soil	14	22	0.34	90	0.024	2	0.99	0.005	0.04	0.2	0.03	1.2	0.1	<0.05	3	<0.5	<0.2
1036777	Soil	17	22	0.36	77	0.022	1	1.24	0.004	0.05	0.2	0.03	1.0	0.1	<0.05	4	<0.5	<0.2
1036779	Soil	17	22	0.39	277	0.039	1	1.20	0.006	0.04	0.1	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1036773	Soil	16	21	0.23	84	0.015	2	1.09	0.006	0.08	0.1	0.03	0.5	0.2	0.08	4	<0.5	<0.2
1036774	Soil	12	16	0.14	42	0.031	1	0.94	0.005	0.04	0.1	0.04	0.6	0.1	<0.05	6	<0.5	<0.2
1036776	Soil	15	22	0.31	75	0.016	1	1.15	0.005	0.05	0.1	0.02	0.5	0.1	<0.05	4	<0.5	<0.2
1110633	Soil	23	35	0.47	228	0.047	2	1.60	0.006	0.06	0.1	0.02	2.0	0.2	<0.05	5	<0.5	<0.2
1098466	Soil	16	22	0.34	113	0.027	<1	1.09	0.005	0.04	0.4	0.03	0.9	<0.1	<0.05	3	<0.5	<0.2
1098467	Soil	17	22	0.34	87	0.031	1	0.98	0.004	0.04	0.6	0.03	0.8	<0.1	<0.05	3	<0.5	<0.2
1098469	Soil	15	22	0.33	97	0.022	1	1.08	0.005	0.04	0.3	0.05	0.7	<0.1	<0.05	4	<0.5	<0.2
1098468	Soil	17	22	0.37	96	0.030	<1	1.03	0.005	0.04	0.5	0.06	0.9	<0.1	<0.05	4	<0.5	<0.2
1098461	Soil	31	26	0.49	198	0.033	<1	1.20	0.005	0.04	0.2	0.05	1.8	<0.1	<0.05	4	<0.5	<0.2
1098463	Soil	14	20	0.29	75	0.022	1	1.06	0.004	0.04	0.2	0.03	0.7	<0.1	<0.05	4	<0.5	<0.2
1098464	Soil	12	20	0.29	63	0.017	<1	1.03	0.004	0.03	0.2	0.05	0.5	<0.1	<0.05	4	<0.5	<0.2
1098465	Soil	14	19	0.28	71	0.017	<1	0.97	0.004	0.03	0.2	0.03	0.5	<0.1	<0.05	4	<0.5	<0.2
1098477	Soil	30	21	0.42	125	0.021	<1	1.14	0.004	0.08	0.2	0.03	1.1	0.1	<0.05	4	<0.5	<0.2
1098478	Soil	65	15	0.38	37	0.005	<1	0.85	0.002	0.04	<0.1	<0.01	1.0	<0.1	<0.05	3	<0.5	<0.2
1098479	Soil	17	20	0.34	118	0.020	<1	0.90	0.005	0.04	0.3	0.02	0.8	0.1	<0.05	3	<0.5	<0.2
1098462	Soil	13	19	0.23	57	0.014	1	0.94	0.004	0.03	0.2	0.03	0.4	<0.1	<0.05	4	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098471	Soil	0.8	25.4	8.9	61	<0.1	22.6	8.5	298	2.25	18.2	0.9	11.9	3.4	15	0.2	0.8	0.2	38	0.19	0.061
1098474	Soil	0.8	10.3	20.0	63	0.2	14.2	7.0	421	2.04	12.6	0.6	3.4	0.5	9	0.3	0.3	0.2	31	0.10	0.039
1098475	Soil	0.8	26.6	14.9	68	0.2	26.2	10.0	544	2.43	14.6	0.9	7.1	5.6	13	0.3	0.6	0.2	31	0.16	0.055
1098476	Soil	0.9	17.2	13.4	54	<0.1	16.6	6.4	324	2.09	11.5	0.7	9.6	1.6	12	0.2	0.5	0.2	35	0.16	0.049
1110702	Soil	0.6	20.3	13.6	54	<0.1	15.0	6.0	163	1.94	10.7	2.0	5.3	3.5	9	0.2	3.3	0.2	33	0.12	0.049
1110701	Soil	0.7	13.3	13.7	47	<0.1	15.3	6.8	252	1.95	12.4	0.7	2.7	0.9	9	0.1	1.7	0.2	33	0.10	0.037
1110650	Soil	0.7	18.1	16.0	52	<0.1	18.4	8.5	342	1.98	12.3	0.9	3.3	3.6	8	0.2	3.6	0.2	25	0.09	0.038
1110648	Soil	0.7	18.3	23.0	57	<0.1	17.6	6.7	224	2.05	15.0	0.8	5.8	2.9	10	0.2	2.9	0.2	32	0.10	0.038
1097014	Soil	1.8	52.9	44.9	124	0.2	75.6	29.6	1097	5.21	12.1	2.6	5.6	14.8	73	0.3	2.0	0.6	85	0.44	0.113
1097015	Soil	2.0	42.4	45.2	120	0.2	70.2	28.9	1154	5.25	16.1	2.0	20.1	12.3	68	0.4	5.1	0.5	76	0.43	0.087
1110704	Soil	0.6	17.7	10.8	50	<0.1	16.3	6.0	163	1.92	10.0	1.0	3.1	4.0	11	<0.1	1.5	0.2	33	0.13	0.034
1110703	Soil	0.7	18.0	11.1	50	<0.1	15.3	5.9	165	1.95	10.0	1.0	3.0	4.1	12	0.1	1.5	0.2	34	0.14	0.035
1097010	Soil	1.3	28.5	19.7	90	<0.1	22.4	13.9	664	3.04	13.7	1.3	8.0	2.9	16	0.3	1.8	0.3	53	0.12	0.079
1097011	Soil	8.1	94.2	30.2	110	0.4	132.0	31.0	625	4.98	20.3	6.2	3.0	23.5	37	0.3	2.0	0.7	12	0.05	0.069
1097012	Soil	1.8	27.1	19.4	69	<0.1	22.5	11.0	466	2.73	13.5	1.4	5.9	3.3	12	0.2	2.1	0.3	34	0.09	0.063
1097013	Soil	1.3	29.8	36.3	87	0.2	23.0	12.5	1148	2.59	14.6	1.3	9.0	1.5	28	0.6	5.3	0.3	30	0.16	0.075
1097006	Soil	1.0	27.9	20.1	58	<0.1	18.6	10.1	355	2.93	10.1	1.0	2.7	3.3	13	0.2	2.1	0.3	37	0.10	0.060
1097007	Soil	0.8	32.4	19.3	66	0.1	26.2	12.7	399	2.32	13.4	1.0	15.9	6.7	17	0.3	3.5	0.2	31	0.15	0.070
1097008	Soil	1.2	47.9	30.1	78	0.3	26.5	14.4	550	3.44	23.4	1.6	6.2	4.4	18	0.2	7.0	0.5	37	0.09	0.068
1097009	Soil	1.0	23.6	16.4	69	<0.1	20.4	13.3	653	2.55	14.2	0.9	2.3	2.0	15	0.3	2.4	0.2	38	0.12	0.063
1036778	Soil	0.6	14.0	26.1	47	<0.1	12.5	4.4	135	1.80	10.2	0.8	0.8	0.5	13	0.2	4.4	0.3	34	0.11	0.051
1110634	Soil	0.7	24.2	20.1	57	<0.1	17.7	8.3	264	2.19	9.7	1.2	2.0	5.8	17	0.1	2.4	0.2	33	0.10	0.037
1110636	Soil	0.8	24.4	15.0	59	<0.1	20.7	8.5	300	2.23	9.2	1.1	1.5	7.1	21	0.2	4.8	0.2	34	0.12	0.040
1110641	Soil	0.7	14.9	12.9	40	<0.1	11.9	4.8	121	1.92	8.6	1.0	0.8	0.8	13	<0.1	1.7	0.2	37	0.11	0.046
1110635	Soil	0.7	20.8	15.2	55	<0.1	17.9	7.5	305	2.18	7.1	0.9	1.7	5.4	21	0.1	2.2	0.2	35	0.14	0.035
1110640	Soil	0.8	15.9	14.4	46	<0.1	14.1	5.1	153	2.06	11.5	0.9	2.2	1.6	12	<0.1	2.5	0.2	37	0.09	0.044
1110646	Soil	1.0	18.2	18.1	56	<0.1	16.8	5.6	176	2.54	13.6	0.9	1.5	1.6	12	0.1	2.3	0.3	45	0.09	0.047
1110644	Soil	0.8	15.7	12.1	46	<0.1	12.3	4.4	132	1.98	9.4	0.9	2.1	0.9	13	0.1	0.9	0.2	38	0.10	0.056
1110637	Soil	0.7	24.1	13.6	63	<0.1	19.0	8.9	267	2.25	11.6	1.2	2.8	6.1	21	0.2	3.5	0.2	38	0.16	0.049
1110639	Soil	0.8	17.4	14.6	48	<0.1	14.9	5.7	165	2.11	14.0	1.0	2.3	1.1	13	0.1	2.0	0.2	38	0.09	0.046

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000230.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098471	Soil	20	24	0.39	210	0.035	<1	1.10	0.007	0.04	0.4	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
1098474	Soil	16	18	0.33	94	0.013	1	1.14	0.005	0.05	0.1	0.02	0.5	0.1	<0.05	4	<0.5	<0.2
1098475	Soil	25	20	0.38	165	0.029	1	1.05	0.005	0.06	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1098476	Soil	18	19	0.31	114	0.020	<1	0.97	0.005	0.05	0.2	0.02	0.8	<0.1	<0.05	4	<0.5	<0.2
1110702	Soil	19	24	0.31	77	0.027	1	1.04	0.005	0.05	<0.1	0.03	1.5	0.1	<0.05	3	<0.5	<0.2
1110701	Soil	15	20	0.31	130	0.017	<1	1.14	0.005	0.05	0.1	0.02	0.9	0.1	<0.05	4	<0.5	<0.2
1110650	Soil	19	15	0.22	111	0.018	<1	0.75	0.004	0.05	<0.1	0.03	0.9	<0.1	<0.05	2	<0.5	<0.2
1110648	Soil	16	21	0.32	138	0.023	1	1.10	0.005	0.05	0.2	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
1097014	Soil	50	114	1.13	112	0.076	1	1.70	0.005	0.30	0.2	0.02	4.6	0.4	0.05	6	<0.5	<0.2
1097015	Soil	34	86	1.06	154	0.096	1	1.63	0.007	0.38	0.2	0.04	4.3	0.5	0.07	6	<0.5	<0.2
1110704	Soil	18	19	0.35	133	0.031	1	1.14	0.005	0.05	0.1	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1110703	Soil	18	22	0.34	124	0.031	1	1.14	0.006	0.05	0.1	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1097010	Soil	19	30	0.46	99	0.048	2	1.61	0.006	0.07	0.3	0.08	2.7	0.1	<0.05	5	<0.5	<0.2
1097011	Soil	61	12	0.52	58	0.004	<1	1.27	0.004	0.07	<0.1	0.02	1.7	0.1	0.10	3	1.2	<0.2
1097012	Soil	29	22	0.39	79	0.021	1	1.20	0.004	0.04	0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1097013	Soil	23	21	0.33	133	0.017	2	0.89	0.007	0.08	0.2	0.04	1.6	<0.1	0.05	3	<0.5	<0.2
1097006	Soil	24	22	0.38	81	0.022	<1	1.29	0.005	0.06	0.2	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1097007	Soil	24	19	0.35	108	0.037	<1	1.02	0.006	0.07	0.2	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1097008	Soil	30	24	0.45	158	0.024	<1	1.54	0.005	0.09	0.1	0.04	2.3	0.2	<0.05	5	<0.5	<0.2
1097009	Soil	16	23	0.35	104	0.031	1	1.08	0.005	0.06	0.2	0.04	2.0	<0.1	<0.05	4	0.6	<0.2
1036778	Soil	18	21	0.30	81	0.022	1	1.21	0.006	0.05	0.1	0.04	1.2	0.1	<0.05	4	<0.5	<0.2
1110634	Soil	26	20	0.33	152	0.039	<1	1.16	0.006	0.04	0.1	0.03	2.9	<0.1	<0.05	3	<0.5	<0.2
1110636	Soil	30	21	0.37	196	0.043	1	1.17	0.007	0.04	0.1	0.04	3.6	<0.1	<0.05	3	0.5	<0.2
1110641	Soil	19	22	0.29	105	0.025	<1	1.31	0.005	0.05	0.1	0.05	1.6	0.1	<0.05	4	<0.5	<0.2
1110635	Soil	30	21	0.34	188	0.037	1	1.11	0.007	0.05	0.1	0.02	3.1	<0.1	<0.05	3	<0.5	<0.2
1110640	Soil	22	24	0.31	102	0.024	1	1.24	0.006	0.06	0.1	0.04	2.0	0.1	<0.05	4	<0.5	<0.2
1110646	Soil	19	26	0.33	100	0.040	2	1.33	0.009	0.05	0.2	0.04	1.8	0.1	<0.05	5	<0.5	<0.2
1110644	Soil	18	23	0.32	101	0.029	<1	1.29	0.006	0.04	0.1	0.04	1.9	0.1	<0.05	4	<0.5	<0.2
1110637	Soil	25	23	0.41	208	0.047	1	1.27	0.007	0.05	0.1	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
1110639	Soil	21	24	0.32	118	0.028	1	1.36	0.006	0.05	0.1	0.04	1.8	0.1	<0.05	4	<0.5	<0.2

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Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000230.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1110645	Soil	0.6	23.4	19.5	64	<0.1	23.1	10.5	390	2.10	13.8	1.2	4.9	6.0	14	0.6	2.9	0.2	30	0.11	0.043
1110649	Soil	0.7	27.2	20.3	60	0.1	17.9	7.9	334	2.28	11.5	1.5	2.3	4.0	12	0.1	3.0	0.2	32	0.09	0.050
1110638	Soil	0.6	25.4	14.2	63	<0.1	20.5	10.0	359	2.32	10.1	1.1	2.7	6.5	19	0.1	4.6	0.2	34	0.12	0.041
1110642	Soil	0.7	20.3	13.0	59	<0.1	16.7	7.6	243	2.13	9.0	1.2	3.6	3.0	15	0.1	1.8	0.2	37	0.11	0.049
1110647	Soil	0.7	20.0	18.5	52	<0.1	14.1	5.8	189	1.91	16.7	1.1	1.5	3.0	14	0.2	2.2	0.2	33	0.12	0.047
1110643	Soil	0.7	13.5	13.5	33	0.1	10.2	3.7	109	1.93	7.7	1.0	2.0	0.3	12	0.1	1.1	0.2	37	0.09	0.072
1096233	Soil	1.0	15.9	17.2	51	<0.1	15.2	5.5	173	2.33	12.3	0.9	4.4	1.4	16	<0.1	1.1	0.3	50	0.11	0.041
1096232	Soil	1.1	18.9	19.3	60	<0.1	16.8	7.8	350	2.51	11.9	1.1	22.5	0.9	14	0.2	1.1	0.3	45	0.09	0.062
1096231	Soil	0.8	18.6	19.1	60	<0.1	18.1	7.7	304	2.15	12.0	1.0	3.6	1.9	16	0.3	1.5	0.2	41	0.12	0.062
1096230	Soil	1.3	34.0	38.0	106	0.3	30.8	14.9	773	3.60	25.2	1.6	33.6	5.1	41	0.3	4.5	0.4	67	0.25	0.092
1097001	Soil	0.9	20.3	13.0	52	<0.1	15.8	6.8	258	2.15	11.0	1.0	2.4	1.3	13	0.1	1.0	0.2	36	0.11	0.060
1097002	Soil	0.8	19.6	12.2	50	<0.1	13.9	6.2	215	2.09	9.7	0.9	1.5	1.5	16	0.2	1.1	0.2	36	0.14	0.057
1096234	Soil	1.0	15.8	16.1	46	<0.1	13.3	4.8	156	2.07	10.8	0.9	8.6	0.8	14	0.1	1.0	0.3	39	0.10	0.054
1096235	Soil	0.8	13.7	11.1	46	<0.1	12.9	5.1	155	1.79	9.6	0.8	12.5	1.0	15	0.1	0.8	0.2	37	0.11	0.052
1110803	Soil	1.0	17.3	16.6	48	0.2	15.1	5.8	185	1.94	50.7	1.0	6.8	2.7	7	<0.1	0.8	0.3	30	0.05	0.039
1110802	Soil	0.6	23.9	14.2	69	<0.1	22.0	8.0	320	2.10	21.8	1.1	6.9	7.9	21	0.4	1.0	0.2	30	0.22	0.088
1110801	Soil	0.7	17.5	12.0	51	<0.1	13.6	5.6	199	1.96	11.4	1.1	7.6	1.9	13	0.2	0.7	0.2	32	0.12	0.061
1097003	Soil	0.8	18.4	11.7	47	<0.1	13.6	5.6	172	2.01	9.2	0.9	4.6	1.3	16	0.1	1.1	0.2	36	0.14	0.056
1110807	Soil	0.8	24.5	13.9	60	0.1	19.2	8.0	293	2.22	12.2	1.0	6.3	3.5	17	0.3	0.5	0.3	33	0.18	0.064
1110806	Soil	0.7	22.8	14.2	62	<0.1	20.0	7.7	252	2.07	12.6	0.8	4.6	4.7	17	0.2	0.6	0.2	31	0.18	0.065
1110805	Soil	0.8	28.3	17.6	75	0.1	22.5	9.1	388	2.27	22.8	0.9	4.2	3.9	18	0.5	0.8	0.3	34	0.17	0.059
1110804	Soil	1.1	20.7	32.0	68	0.3	19.3	8.3	369	2.41	74.0	1.2	2.4	2.7	23	0.3	0.6	0.6	27	0.29	0.061
1097005	Soil	1.1	42.9	26.0	74	<0.1	26.2	14.6	430	3.02	9.6	1.4	2.8	5.9	13	0.2	2.5	0.4	35	0.10	0.065
1097004	Soil	0.7	25.4	13.9	52	<0.1	16.0	6.5	170	2.19	9.6	1.0	2.2	1.1	13	0.1	1.1	0.2	36	0.12	0.065
1097017	Soil	1.5	38.3	41.3	108	0.3	53.7	22.0	961	4.32	10.2	1.7	3.3	7.2	71	0.3	4.1	0.4	67	0.44	0.094
1097016	Soil	1.4	45.8	31.2	109	0.2	51.8	20.6	719	3.90	10.6	2.0	5.3	7.9	85	0.5	4.7	0.3	62	0.54	0.121
1097019	Soil	1.5	56.9	26.0	122	0.2	106.2	33.5	1241	6.28	23.9	1.4	2.4	10.2	93	0.4	9.8	0.4	118	0.51	0.143
1097020	Soil	1.2	40.0	18.6	92	<0.1	39.6	16.4	738	3.70	15.7	1.5	21.4	6.5	37	0.2	2.3	0.3	58	0.24	0.113
1097021	Soil	1.3	42.8	20.8	99	<0.1	42.4	17.9	841	3.97	15.8	1.4	6.1	7.0	40	0.3	2.9	0.3	64	0.24	0.119
1097018	Soil	1.6	59.9	26.1	136	0.2	91.7	35.2	1398	6.59	20.0	1.3	3.7	9.3	154	0.6	6.1	0.3	118	0.91	0.170

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1110645	Soil	23	23	0.33	159	0.038	<1	1.03	0.005	0.05	0.1	0.02	2.4	0.1	<0.05	3	<0.5	<0.2
1110649	Soil	23	21	0.34	132	0.027	1	1.29	0.006	0.06	0.1	0.05	2.9	0.1	<0.05	4	<0.5	<0.2
1110638	Soil	27	20	0.36	226	0.040	<1	1.13	0.007	0.05	0.1	0.03	3.3	<0.1	<0.05	3	<0.5	<0.2
1110642	Soil	24	24	0.34	201	0.030	1	1.40	0.007	0.06	0.1	0.03	2.7	0.1	<0.05	4	<0.5	<0.2
1110647	Soil	25	21	0.31	134	0.036	<1	1.17	0.006	0.05	0.1	0.03	2.4	0.1	<0.05	4	<0.5	<0.2
1110643	Soil	18	23	0.26	121	0.016	<1	1.36	0.006	0.04	0.1	0.05	1.0	0.1	<0.05	5	0.6	<0.2
1096233	Soil	20	24	0.31	117	0.034	<1	1.23	0.005	0.05	0.3	0.02	1.7	0.1	<0.05	5	<0.5	<0.2
1096232	Soil	16	24	0.36	127	0.029	<1	1.24	0.006	0.05	0.2	0.03	1.8	0.2	<0.05	4	0.6	<0.2
1096231	Soil	17	23	0.33	129	0.032	1	1.07	0.006	0.05	0.3	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1096230	Soil	25	44	0.63	315	0.057	1	1.62	0.009	0.14	0.5	0.04	5.1	0.2	<0.05	5	<0.5	<0.2
1097001	Soil	18	23	0.35	92	0.029	<1	1.25	0.005	0.04	0.2	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1097002	Soil	18	22	0.34	99	0.030	1	1.18	0.005	0.05	0.2	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
1096234	Soil	19	23	0.30	87	0.028	<1	1.06	0.006	0.04	0.3	0.03	1.2	0.1	<0.05	4	<0.5	<0.2
1096235	Soil	16	20	0.30	113	0.029	<1	1.06	0.005	0.04	0.3	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1110803	Soil	43	11	0.07	48	0.012	<1	0.65	0.005	0.03	0.1	0.03	0.9	0.1	<0.05	4	<0.5	<0.2
1110802	Soil	23	19	0.29	153	0.050	1	0.80	0.007	0.05	0.2	0.02	2.3	<0.1	<0.05	2	<0.5	<0.2
1110801	Soil	22	19	0.31	104	0.026	<1	1.01	0.006	0.04	0.2	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1097003	Soil	18	21	0.32	100	0.029	<1	1.11	0.005	0.04	0.2	0.04	1.7	0.1	<0.05	4	<0.5	<0.2
1110807	Soil	24	20	0.33	150	0.025	1	1.06	0.005	0.04	0.2	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1110806	Soil	20	20	0.33	111	0.034	<1	0.92	0.005	0.04	0.2	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1110805	Soil	25	23	0.37	158	0.034	1	1.05	0.006	0.05	0.2	0.04	2.3	<0.1	<0.05	3	<0.5	<0.2
1110804	Soil	31	20	0.27	118	0.021	<1	0.81	0.005	0.05	0.2	0.02	1.3	0.1	<0.05	3	<0.5	<0.2
1097005	Soil	28	23	0.40	94	0.021	1	1.33	0.005	0.07	0.1	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
1097004	Soil	17	23	0.37	91	0.022	<1	1.33	0.005	0.05	0.2	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1097017	Soil	26	79	0.80	242	0.092	2	1.58	0.008	0.29	0.2	0.07	6.7	0.4	0.07	5	0.6	<0.2
1097016	Soil	34	66	0.77	206	0.090	1	1.36	0.008	0.28	0.3	0.04	5.8	0.4	0.07	5	<0.5	<0.2
1097019	Soil	40	162	1.53	189	0.185	<1	2.34	0.007	0.57	<0.1	0.02	11.0	0.9	<0.05	8	<0.5	<0.2
1097020	Soil	25	46	0.61	155	0.076	2	1.58	0.007	0.12	0.3	0.03	4.5	0.2	<0.05	5	<0.5	<0.2
1097021	Soil	26	53	0.67	162	0.089	1	1.67	0.008	0.15	0.3	0.04	4.7	0.2	<0.05	5	0.6	<0.2
1097018	Soil	40	119	1.56	218	0.206	1	2.24	0.008	0.62	0.1	0.04	11.2	1.0	0.05	8	0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000230.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096227	Soil	1.1	29.6	20.7	78	0.1	27.6	11.4	456	3.01	16.5	1.3	3.9	4.1	16	0.2	2.4	0.3	52	0.15	0.072
1097026	Soil	1.2	32.5	342.5	114	0.4	33.9	14.6	712	3.45	33.2	1.3	11.4	6.6	26	0.8	25.2	0.7	37	0.19	0.085
1097025	Soil	2.9	59.0	66.5	143	0.4	60.4	27.7	1330	5.97	31.4	5.2	6.1	27.3	70	0.5	7.8	0.6	83	0.41	0.123
1097022	Soil	0.8	22.1	18.7	55	<0.1	17.3	7.3	243	2.23	10.5	1.2	4.1	2.9	14	0.2	0.8	0.2	37	0.11	0.057
1096229	Soil	1.1	29.0	22.9	85	<0.1	26.9	11.6	450	2.84	14.1	1.4	9.0	5.3	25	0.3	2.6	0.4	47	0.19	0.087
1096228	Soil	1.2	25.3	18.1	75	<0.1	21.4	12.5	578	2.81	14.5	1.3	1.8	2.7	16	0.2	1.6	0.3	48	0.12	0.072
1097024	Soil	1.3	34.1	23.1	85	0.1	27.5	11.3	471	3.08	10.5	1.9	4.8	5.6	61	0.2	3.5	0.3	42	0.38	0.099
1097023	Soil	0.8	19.2	13.9	46	<0.1	14.8	5.4	192	1.96	10.6	1.0	8.4	1.0	12	0.1	0.8	0.3	37	0.10	0.062
1110814	Soil	0.8	35.9	16.2	78	0.2	30.5	11.5	467	2.89	12.7	1.2	4.1	9.1	45	0.3	0.5	0.2	52	0.73	0.119
1110817	Soil	0.9	58.6	17.2	105	0.6	95.3	24.1	626	4.07	22.7	0.7	5.4	8.3	47	0.7	0.6	0.2	89	0.84	0.144
1110815	Soil	0.7	31.9	16.1	82	0.2	28.2	12.0	256	2.45	17.0	0.9	7.5	4.5	33	0.4	0.7	0.2	46	0.48	0.101
1110813	Soil	2.3	69.1	23.5	120	0.7	59.1	16.9	848	4.60	102.0	1.7	27.2	6.0	40	0.6	1.2	0.3	57	0.53	0.148
1110819	Soil	1.6	74.3	18.9	109	0.5	55.0	20.4	413	3.76	61.9	1.6	29.2	9.9	44	0.4	1.3	0.3	67	0.43	0.125
1110820	Soil	2.0	65.1	19.1	125	0.3	63.0	20.5	594	4.18	46.0	1.4	9.3	9.9	37	0.4	1.0	0.4	66	0.30	0.104
1110821	Soil	0.8	28.2	13.0	61	<0.1	27.7	11.9	289	2.73	12.9	1.1	16.5	6.3	20	0.2	0.5	0.3	41	0.19	0.060
1110816	Soil	0.9	40.9	22.5	90	0.3	38.3	14.7	487	3.17	35.8	1.2	7.5	8.3	42	0.3	0.6	0.3	55	0.59	0.117
1096385	Soil	1.0	29.8	17.4	66	<0.1	23.6	9.8	165	2.94	13.7	1.5	1.6	5.3	9	<0.1	1.4	0.3	29	0.05	0.046
1096376	Soil	1.0	30.8	20.1	72	0.2	22.4	10.9	306	2.77	17.4	1.5	5.3	4.2	13	0.1	1.4	0.3	39	0.08	0.052
1096375	Soil	0.9	29.9	19.0	69	0.1	22.0	10.7	306	2.59	16.2	1.5	2.9	4.1	13	0.1	1.3	0.3	36	0.09	0.050
1110818	Soil	1.1	68.6	20.4	135	0.4	108.9	28.8	1017	4.46	143.5	0.8	34.1	8.4	56	1.2	1.5	0.2	99	0.93	0.167
1096384	Soil	0.8	22.8	17.8	49	0.1	16.4	7.5	130	2.64	14.0	1.2	1.6	2.6	11	<0.1	2.7	0.3	29	0.08	0.044
1096379	Soil	1.2	33.4	27.1	59	0.2	17.5	7.7	201	2.96	15.7	1.9	4.6	1.2	14	0.1	1.5	0.4	42	0.09	0.071
1096378	Soil	1.2	31.6	25.6	57	0.2	16.3	7.3	194	2.87	14.6	1.8	3.1	1.4	12	0.1	1.5	0.4	39	0.08	0.069
1096377	Soil	0.9	33.1	38.1	72	0.2	22.6	9.2	236	2.84	15.7	1.5	2.2	4.9	11	0.2	1.6	0.3	32	0.09	0.056
1110809	Soil	0.8	51.1	24.0	92	0.4	61.6	23.9	1264	3.73	40.3	1.1	9.3	12.8	27	0.3	0.4	0.5	33	0.24	0.071
1110808	Soil	1.0	24.9	18.3	61	0.3	19.4	8.2	402	2.18	15.0	1.0	3.4	0.6	25	0.2	0.4	0.4	37	0.31	0.070
1110812	Soil	0.7	33.3	17.9	73	0.2	29.2	10.8	456	2.44	16.1	1.1	10.2	5.4	19	0.3	0.4	0.3	32	0.22	0.059
1110811	Soil	1.0	59.0	30.7	99	0.4	60.7	20.9	1372	4.04	88.6	1.3	33.9	6.7	41	0.3	0.4	0.8	53	0.41	0.058
1110810	Soil	1.3	99.8	23.7	88	0.5	44.3	20.5	1155	3.40	73.6	1.3	19.3	10.4	24	0.3	0.4	0.6	36	0.22	0.065
1110828	Soil	2.8	42.9	14.2	86	0.4	33.8	10.8	567	2.77	139.4	1.6	72.0	1.3	34	0.4	1.6	0.3	48	0.33	0.137

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Project: MHR
Report Date: September 15, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096227	Soil		26	39	0.48	165	0.043	<1	1.43	0.007	0.08	0.4	0.05	3.2	0.2	<0.05	4	<0.5	<0.2
1097026	Soil		27	27	0.37	166	0.028	<1	1.25	0.007	0.10	0.2	0.07	3.1	0.1	<0.05	3	0.6	<0.2
1097025	Soil		56	92	1.01	168	0.117	<1	1.75	0.007	0.48	0.1	0.04	9.1	0.5	0.06	6	<0.5	<0.2
1097022	Soil		21	24	0.35	97	0.033	<1	1.14	0.006	0.04	0.2	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
1096229	Soil		27	32	0.48	140	0.044	<1	1.23	0.007	0.08	0.4	0.04	2.6	0.1	<0.05	4	0.6	<0.2
1096228	Soil		21	29	0.46	156	0.035	<1	1.39	0.006	0.06	0.2	0.04	2.9	0.2	<0.05	4	<0.5	<0.2
1097024	Soil		22	33	0.41	156	0.039	1	1.07	0.007	0.09	0.3	0.07	4.2	0.1	<0.05	3	0.6	<0.2
1097023	Soil		18	23	0.30	75	0.026	<1	1.01	0.005	0.04	0.2	0.03	1.6	<0.1	<0.05	4	0.5	<0.2
1110814	Soil		36	44	1.23	274	0.071	1	1.84	0.018	0.11	0.2	0.04	4.0	0.2	<0.05	6	0.6	<0.2
1110817	Soil		33	103	2.02	462	0.104	<1	2.31	0.016	0.26	0.2	0.03	8.6	0.2	<0.05	7	<0.5	<0.2
1110815	Soil		24	33	0.83	213	0.041	<1	1.46	0.010	0.07	0.2	0.03	3.2	0.2	<0.05	5	<0.5	<0.2
1110813	Soil		53	49	0.58	165	0.015	<1	1.14	0.005	0.06	0.2	0.04	5.8	0.2	<0.05	4	0.6	<0.2
1110819	Soil		32	77	1.33	216	0.069	<1	2.07	0.006	0.13	0.2	0.03	4.9	0.3	<0.05	6	0.7	<0.2
1110820	Soil		28	75	1.19	172	0.065	<1	2.10	0.009	0.18	0.3	0.01	4.0	0.3	<0.05	7	0.7	<0.2
1110821	Soil		33	28	0.47	143	0.047	<1	1.54	0.007	0.08	0.2	0.03	2.4	0.1	<0.05	4	<0.5	<0.2
1110816	Soil		34	42	1.17	308	0.059	<1	1.96	0.019	0.10	0.1	0.03	4.4	0.2	<0.05	6	0.5	<0.2
1096385	Soil		42	21	0.40	86	0.012	<1	1.41	0.005	0.04	0.1	0.03	1.5	<0.1	<0.05	4	0.5	<0.2
1096376	Soil		30	25	0.41	139	0.027	<1	1.42	0.006	0.04	0.1	0.04	2.8	<0.1	<0.05	4	<0.5	<0.2
1096375	Soil		29	23	0.39	132	0.026	<1	1.35	0.006	0.04	0.2	0.03	2.7	0.1	<0.05	4	<0.5	<0.2
1110818	Soil		34	128	2.44	664	0.115	1	2.56	0.010	0.20	0.1	0.03	10.3	0.3	<0.05	9	0.6	<0.2
1096384	Soil		30	19	0.28	106	0.016	<1	1.17	0.005	0.04	0.1	0.03	1.5	0.1	<0.05	3	<0.5	<0.2
1096379	Soil		27	29	0.47	107	0.018	<1	1.70	0.007	0.04	0.1	0.04	1.4	0.1	<0.05	6	0.6	<0.2
1096378	Soil		25	27	0.44	101	0.014	<1	1.57	0.006	0.03	0.1	0.04	1.4	0.1	<0.05	5	<0.5	<0.2
1096377	Soil		27	24	0.46	89	0.021	<1	1.38	0.005	0.03	0.2	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1110809	Soil		46	43	0.77	130	0.014	1	1.34	0.003	0.06	0.1	0.02	3.7	<0.1	<0.05	4	<0.5	<0.2
1110808	Soil		23	21	0.32	290	0.016	2	1.20	0.006	0.04	0.3	0.06	1.4	0.1	<0.05	4	0.6	<0.2
1110812	Soil		28	27	0.43	149	0.025	1	1.00	0.004	0.04	0.3	0.04	2.6	0.1	<0.05	3	<0.5	<0.2
1110811	Soil		48	62	0.88	232	0.042	2	1.89	0.006	0.10	0.3	0.04	4.6	0.2	<0.05	6	<0.5	<0.2
1110810	Soil		47	36	0.72	148	0.037	2	1.47	0.005	0.09	0.4	0.02	2.9	0.1	<0.05	4	<0.5	<0.2
1110828	Soil		21	40	0.64	177	0.021	1	1.27	0.007	0.06	0.3	0.04	1.8	0.3	<0.05	4	0.7	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1110827	Soil	1.6	50.4	14.9	88	0.2	45.2	15.7	296	3.17	55.6	1.5	22.5	7.5	31	0.3	1.7	0.3	54	0.30	0.105
1110826	Soil	2.7	41.7	16.7	84	0.5	29.4	12.7	591	3.18	38.3	1.4	14.4	6.6	25	0.3	3.4	0.3	33	0.44	0.167
1110824	Soil	0.7	33.3	11.8	66	<0.1	22.2	10.9	430	2.35	13.0	0.8	1.9	3.3	12	0.3	0.5	0.2	36	0.14	0.071
1110831	Soil	0.9	40.5	45.7	128	0.6	27.0	12.9	514	2.42	7.9	1.4	2.5	7.3	23	1.4	0.4	0.3	30	0.30	0.072
1110830	Soil	3.3	41.8	15.1	77	0.4	26.7	9.6	344	2.58	38.4	1.7	10.0	3.2	45	0.4	4.9	0.3	45	0.37	0.132
1110829	Soil	3.1	40.1	15.0	77	0.5	28.6	10.1	400	2.56	40.6	1.9	10.6	3.2	37	0.4	4.7	0.3	43	0.39	0.128
1110825	Soil	2.1	58.1	19.8	85	0.3	67.7	19.3	443	3.65	115.2	1.6	55.6	9.4	54	0.3	0.9	0.4	51	0.34	0.102
1110832	Soil	1.5	45.6	15.8	82	0.3	31.5	16.2	467	3.14	11.3	1.0	2.3	6.0	29	0.2	0.3	0.3	54	0.45	0.083
1110823	Soil	1.0	15.9	15.1	36	0.2	11.3	7.1	371	2.30	14.1	0.6	6.5	3.3	7	0.2	0.4	0.3	41	0.06	0.047
1110822	Soil	0.9	23.7	16.8	69	0.1	27.2	12.4	500	2.75	16.8	0.9	4.1	3.9	14	0.2	0.5	0.2	41	0.13	0.061
1096380	Soil	1.2	15.3	17.4	38	<0.1	10.6	4.8	84	1.81	223.5	0.7	25.6	3.2	7	<0.1	31.3	0.3	41	0.03	0.028
1096383	Soil	0.8	25.9	14.2	64	0.1	23.6	11.8	348	2.56	14.8	1.1	28.4	3.9	9	0.2	2.6	0.2	33	0.09	0.062
1096382	Soil	0.8	20.1	16.5	49	<0.1	16.5	7.7	193	2.20	15.3	1.0	4.6	2.3	9	0.1	5.3	0.2	32	0.07	0.042
1096355	Soil	1.2	28.4	14.9	44	0.3	12.9	4.9	169	2.53	9.1	1.5	2.1	0.7	8	0.1	0.5	0.3	35	0.05	0.087
1096381	Soil	0.9	24.0	18.0	51	<0.1	18.8	9.2	199	2.36	16.4	1.1	4.5	2.5	9	<0.1	5.1	0.3	33	0.09	0.054
1096353	Soil	0.9	29.3	12.6	56	0.1	14.6	8.2	213	2.57	8.6	1.4	2.7	11.3	10	0.1	0.4	0.3	25	0.05	0.039
1096356	Soil	1.1	36.1	12.9	60	<0.1	18.7	7.5	187	3.26	9.9	1.6	2.8	12.5	9	0.1	0.5	0.4	27	0.05	0.047
1096360	Soil	1.1	29.1	13.5	60	<0.1	22.5	9.1	317	2.80	12.0	1.3	2.3	2.8	9	0.1	0.5	0.3	32	0.08	0.056
1096352	Soil	0.7	28.2	13.5	52	<0.1	14.9	5.6	163	2.57	8.5	1.2	1.0	4.3	9	0.1	0.5	0.3	29	0.06	0.047
1096357	Soil	1.0	28.7	11.5	57	<0.1	15.0	6.0	188	2.67	9.3	1.2	<0.5	7.3	9	0.1	0.5	0.3	29	0.07	0.044
1096351	Soil	1.1	18.8	14.1	35	<0.1	8.9	3.5	125	2.31	7.7	0.9	1.9	0.6	9	<0.1	0.4	0.3	34	0.04	0.062
1096359	Soil	0.8	26.1	10.1	60	<0.1	19.4	7.4	225	2.31	9.8	1.0	4.9	5.1	9	0.3	0.6	0.2	32	0.11	0.062
1096362	Soil	0.8	25.2	11.0	53	<0.1	19.3	7.3	208	2.48	9.9	1.1	8.4	1.6	9	0.1	0.5	0.2	30	0.07	0.051
1096358	Soil	0.9	24.0	11.1	47	<0.1	14.1	4.9	156	2.40	8.5	1.1	0.5	1.3	8	0.1	0.5	0.3	31	0.05	0.055
1096354	Soil	1.0	31.9	13.5	60	<0.1	17.8	6.5	176	2.61	10.8	1.6	2.9	3.0	9	0.1	0.6	0.3	32	0.06	0.046
1096361	Soil	0.8	25.4	11.1	58	<0.1	19.3	7.4	243	2.53	11.2	1.0	2.5	4.7	8	0.1	0.5	0.2	33	0.08	0.047
1096365	Soil	0.6	24.7	11.7	55	<0.1	21.1	8.5	296	2.19	11.2	0.9	2.3	3.3	9	0.2	0.6	0.2	28	0.09	0.048
1096364	Soil	1.0	21.2	10.3	49	<0.1	16.6	6.3	215	2.20	10.1	0.9	3.5	1.3	8	0.1	0.5	0.2	35	0.07	0.043
1096370	Soil	1.1	43.1	36.6	69	0.1	21.9	12.2	246	3.30	17.8	3.1	4.4	15.1	14	<0.1	0.6	0.7	25	0.09	0.044
1096368	Soil	0.8	36.2	17.2	66	<0.1	34.3	14.4	365	3.05	38.3	1.6	3.7	8.2	7	<0.1	1.1	0.3	27	0.05	0.033

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600 - 666 Burrard St.
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Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000230.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1110827	Soil	26	48	0.84	188	0.068	1	1.66	0.005	0.17	0.2	0.02	2.8	0.2	<0.05	5	0.7	<0.2
1110826	Soil	39	22	0.25	154	0.010	1	0.80	0.004	0.04	0.2	0.06	3.3	0.4	<0.05	3	<0.5	<0.2
1110824	Soil	20	22	0.35	94	0.026	1	1.23	0.005	0.03	0.3	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1110831	Soil	30	25	0.50	231	0.020	<1	1.27	0.006	0.05	0.2	0.04	2.5	0.2	<0.05	3	<0.5	<0.2
1110830	Soil	17	29	0.62	171	0.027	<1	1.16	0.005	0.06	0.2	0.03	2.2	0.2	<0.05	3	0.6	<0.2
1110829	Soil	19	30	0.61	198	0.026	<1	1.18	0.006	0.07	0.2	0.04	2.3	0.2	<0.05	4	0.9	<0.2
1110825	Soil	46	62	0.99	136	0.037	1	1.60	0.009	0.13	0.2	0.02	2.9	0.2	<0.05	5	0.7	<0.2
1110832	Soil	23	42	0.94	202	0.033	<1	1.65	0.006	0.04	0.1	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1110823	Soil	16	18	0.22	44	0.028	<1	0.94	0.003	0.02	0.3	0.06	1.1	<0.1	<0.05	5	<0.5	<0.2
1110822	Soil	23	29	0.42	115	0.034	1	1.29	0.006	0.07	0.3	0.02	1.6	0.1	<0.05	4	0.6	<0.2
1096380	Soil	33	9	0.06	35	0.026	<1	0.53	0.003	0.03	0.1	<0.01	0.7	0.1	<0.05	5	<0.5	<0.2
1096383	Soil	21	21	0.32	99	0.016	<1	1.20	0.004	0.04	0.1	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
1096382	Soil	25	19	0.29	100	0.015	<1	1.06	0.004	0.03	0.1	0.03	1.6	0.1	<0.05	3	<0.5	<0.2
1096355	Soil	21	20	0.29	67	0.012	<1	1.12	0.005	0.04	0.1	0.05	0.8	<0.1	0.10	4	<0.5	<0.2
1096381	Soil	28	17	0.30	120	0.020	<1	1.16	0.004	0.03	0.1	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1096353	Soil	41	18	0.39	61	0.016	<1	1.02	0.003	0.03	0.1	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
1096356	Soil	45	18	0.36	58	0.019	<1	0.97	0.003	0.03	0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1096360	Soil	37	19	0.32	70	0.020	<1	1.02	0.003	0.03	0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1096352	Soil	30	19	0.38	72	0.016	<1	1.23	0.004	0.03	0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1096357	Soil	35	18	0.34	54	0.022	<1	0.99	0.003	0.03	0.2	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1096351	Soil	26	16	0.28	47	0.013	<1	0.96	0.005	0.03	<0.1	0.04	0.5	0.1	<0.05	4	<0.5	<0.2
1096359	Soil	23	18	0.31	61	0.024	<1	1.00	0.004	0.03	0.2	0.04	1.7	0.1	<0.05	3	<0.5	<0.2
1096362	Soil	29	20	0.32	73	0.019	<1	1.00	0.003	0.03	0.1	0.02	1.1	<0.1	0.05	4	<0.5	<0.2
1096358	Soil	25	17	0.29	98	0.017	<1	0.93	0.006	0.04	0.2	0.02	1.0	<0.1	0.08	3	<0.5	<0.2
1096354	Soil	30	20	0.39	85	0.021	<1	1.27	0.004	0.03	0.2	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1096361	Soil	27	20	0.34	70	0.023	<1	1.01	0.004	0.03	0.2	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1096365	Soil	21	18	0.26	72	0.018	<1	0.84	0.003	0.03	0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1096364	Soil	21	19	0.28	76	0.018	<1	0.91	0.004	0.03	0.2	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1096370	Soil	29	19	0.45	162	0.015	<1	1.23	0.004	0.03	<0.1	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
1096368	Soil	28	16	0.29	117	0.016	<1	0.93	0.004	0.03	<0.1	0.01	2.2	<0.1	<0.05	3	<0.5	<0.2

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Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000230.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098401	Soil	0.7	14.8	14.7	51	<0.1	15.7	7.0	223	2.24	25.5	0.8	16.9	1.6	9	<0.1	0.4	0.3	35	0.08	0.043
1096372	Soil	1.1	24.5	19.4	64	<0.1	30.5	13.9	344	2.73	31.8	1.5	10.2	4.2	8	0.2	1.1	0.3	33	0.06	0.038
1096367	Soil	1.1	24.9	26.1	78	0.2	29.5	15.0	411	3.36	36.2	1.4	11.8	7.1	6	0.2	1.6	0.3	28	0.04	0.037
1096369	Soil	0.9	22.9	13.9	54	<0.1	22.0	11.1	308	2.59	19.9	0.9	10.5	4.3	9	<0.1	0.8	0.2	33	0.07	0.040
1098409	Soil	0.6	25.3	17.1	55	<0.1	25.4	12.4	399	2.48	15.6	0.8	2.7	5.6	14	0.1	0.5	0.2	33	0.17	0.054
1096374	Soil	0.8	32.8	19.0	76	0.2	29.5	14.0	431	2.71	16.4	1.5	3.8	9.4	12	0.2	2.5	0.3	25	0.12	0.063
1096363	Soil	0.7	19.0	10.1	49	<0.1	17.0	6.8	230	2.22	9.0	1.0	1.3	3.8	8	<0.1	0.5	0.2	29	0.08	0.038
1096373	Soil	0.9	33.9	15.1	79	0.3	22.0	10.8	498	2.60	21.7	1.9	3.0	5.2	16	0.1	1.0	0.2	40	0.17	0.081
1098405	Soil	0.6	25.9	15.8	61	<0.1	24.4	9.4	383	2.38	24.5	1.0	4.9	6.5	12	0.2	0.5	0.2	31	0.16	0.047
1098410	Soil	1.0	17.6	14.0	51	<0.1	18.8	11.1	432	2.19	11.7	0.8	2.5	3.6	19	<0.1	0.3	0.3	32	0.27	0.039
1096366	Soil	1.1	21.7	15.4	54	<0.1	19.9	10.4	359	2.57	14.9	1.2	4.5	2.7	10	0.2	0.8	0.2	39	0.08	0.052
1096371	Soil	0.7	11.7	14.0	45	<0.1	15.0	7.1	303	2.84	12.3	0.6	0.9	3.4	9	<0.1	0.8	0.2	38	0.10	0.039
1098411	Soil	0.7	42.4	14.1	68	0.1	24.5	11.2	414	2.19	28.8	6.8	3.7	4.4	31	0.1	0.3	0.3	24	0.51	0.055
1098402	Soil	0.6	15.2	12.4	56	<0.1	17.9	9.0	430	2.14	19.1	0.7	6.2	3.4	13	0.2	0.4	0.2	30	0.16	0.058
1098408	Soil	0.7	50.9	21.9	82	0.1	46.1	18.9	832	3.18	17.7	0.8	2.7	13.8	25	0.2	0.5	0.3	37	0.24	0.069
1098406	Soil	0.5	22.7	17.1	59	0.1	24.1	9.6	412	2.34	15.1	0.8	1.0	6.1	11	<0.1	0.4	0.2	27	0.13	0.043
1098403	Soil	0.5	18.3	14.8	53	<0.1	20.7	8.3	289	2.30	19.2	0.7	5.3	3.5	11	0.1	0.4	0.2	30	0.13	0.043
1098407	Soil	0.5	32.7	30.8	76	<0.1	33.6	14.8	612	2.94	32.7	1.0	3.3	19.3	13	0.2	0.4	0.3	20	0.12	0.040
1098404	Soil	0.6	26.0	14.1	82	0.1	28.0	11.5	601	2.52	26.5	1.1	6.1	7.7	14	0.2	0.6	0.2	32	0.15	0.061
1098412	Soil	0.7	25.4	13.5	80	0.1	23.8	11.0	642	2.43	11.1	0.9	10.5	4.4	10	0.3	0.4	0.3	32	0.12	0.066
1098418	Soil	0.7	17.8	9.5	48	<0.1	14.9	7.6	292	2.06	10.0	0.7	1.3	1.0	13	0.2	0.6	0.2	35	0.13	0.062
1098423	Soil	0.6	16.1	17.1	53	<0.1	16.4	9.0	440	2.07	3.6	0.6	1.0	4.7	13	0.2	0.2	0.3	23	0.15	0.035
1098414	Soil	1.0	39.3	14.6	84	0.2	28.6	13.6	571	2.87	11.4	0.8	7.2	8.1	33	0.2	0.7	0.3	45	0.31	0.056
1098421	Soil	0.9	30.9	15.8	59	0.3	22.3	16.0	1045	2.68	5.8	1.4	0.6	8.1	38	0.3	0.3	0.3	24	0.64	0.067
1098417	Soil	0.8	21.5	11.9	56	<0.1	20.2	8.6	349	2.34	11.3	0.7	11.4	1.7	11	0.2	0.6	0.2	37	0.12	0.063
1098419	Soil	0.6	20.8	15.8	59	<0.1	25.3	11.2	429	2.39	16.2	0.9	2.4	8.9	12	0.3	0.6	0.2	27	0.15	0.063
1098424	Soil	0.6	29.2	11.4	66	0.1	26.4	11.3	447	2.52	4.9	1.4	3.5	10.3	20	0.1	0.3	0.3	26	0.30	0.049
1098415	Soil	0.8	27.3	10.7	60	<0.1	22.2	8.9	413	2.10	9.7	0.7	3.2	4.3	14	0.2	0.6	0.2	33	0.15	0.057
1098416	Soil	0.8	29.0	11.9	61	<0.1	23.2	9.5	425	2.11	8.9	0.8	6.8	6.1	14	0.3	0.7	0.2	32	0.15	0.058
1098420	Soil	0.7	74.3	10.6	143	<0.1	50.5	17.3	430	2.39	11.4	0.9	1.6	4.0	15	0.3	0.6	0.1	27	0.19	0.075

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098401	Soil	17	22	0.37	86	0.024	1	1.31	0.004	0.05	0.2	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1096372	Soil	26	19	0.36	65	0.028	2	1.14	0.006	0.04	0.2	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1096367	Soil	33	18	0.24	63	0.013	<1	0.97	0.004	0.03	0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1096369	Soil	16	21	0.39	86	0.021	<1	1.30	0.005	0.03	0.1	0.03	1.9	<0.1	<0.05	4	0.5	<0.2
1098409	Soil	22	22	0.42	147	0.026	<1	1.31	0.005	0.05	0.2	0.03	2.2	0.1	<0.05	3	<0.5	<0.2
1096374	Soil	26	17	0.38	110	0.027	<1	1.02	0.005	0.03	0.1	0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
1096363	Soil	27	18	0.35	70	0.024	1	1.06	0.004	0.03	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1096373	Soil	20	25	0.50	208	0.037	<1	1.44	0.009	0.04	0.2	0.05	3.5	<0.1	<0.05	4	<0.5	<0.2
1098405	Soil	24	23	0.40	164	0.032	<1	1.23	0.005	0.06	0.1	0.03	2.4	0.2	<0.05	3	<0.5	<0.2
1098410	Soil	15	21	0.42	115	0.026	<1	1.19	0.005	0.04	0.2	0.02	1.7	0.1	<0.05	4	<0.5	<0.2
1096366	Soil	16	24	0.37	115	0.025	<1	1.46	0.005	0.04	0.2	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1096371	Soil	12	23	0.36	62	0.034	1	1.20	0.004	0.03	0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1098411	Soil	29	21	0.42	47	0.028	1	1.09	0.006	0.05	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1098402	Soil	16	20	0.36	82	0.030	<1	0.99	0.005	0.05	0.2	0.02	1.4	0.1	<0.05	3	<0.5	<0.2
1098408	Soil	40	41	0.73	302	0.072	<1	1.58	0.008	0.24	0.2	0.02	3.4	0.3	<0.05	4	<0.5	<0.2
1098406	Soil	32	22	0.46	176	0.028	<1	1.20	0.004	0.08	0.1	0.02	2.2	0.2	<0.05	3	<0.5	<0.2
1098403	Soil	21	25	0.46	108	0.036	<1	1.39	0.005	0.11	0.1	0.01	1.9	0.2	<0.05	4	<0.5	<0.2
1098407	Soil	49	19	0.51	194	0.035	<1	1.29	0.004	0.16	<0.1	<0.01	2.3	0.3	<0.05	3	<0.5	<0.2
1098404	Soil	23	24	0.46	154	0.044	<1	1.33	0.006	0.09	0.2	0.02	2.6	0.2	<0.05	3	<0.5	<0.2
1098412	Soil	19	21	0.43	74	0.031	<1	1.25	0.004	0.04	0.1	0.03	1.8	0.2	<0.05	3	<0.5	<0.2
1098418	Soil	15	19	0.34	145	0.027	<1	1.11	0.006	0.03	0.1	0.03	1.7	0.1	<0.05	3	<0.5	<0.2
1098423	Soil	23	17	0.39	87	0.023	<1	1.03	0.004	0.09	<0.1	0.01	1.2	0.1	<0.05	4	<0.5	<0.2
1098414	Soil	26	29	0.60	342	0.055	<1	1.43	0.010	0.06	0.1	0.02	3.7	<0.1	<0.05	4	<0.5	<0.2
1098421	Soil	36	19	0.33	204	0.013	<1	1.08	0.006	0.04	0.1	0.05	2.3	0.1	0.06	3	<0.5	<0.2
1098417	Soil	15	22	0.36	100	0.031	<1	1.10	0.005	0.04	0.3	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1098419	Soil	21	20	0.39	80	0.034	<1	1.07	0.004	0.06	0.2	0.04	1.8	0.2	<0.05	3	<0.5	<0.2
1098424	Soil	34	21	0.42	132	0.032	<1	1.02	0.006	0.05	0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1098415	Soil	18	21	0.37	174	0.034	<1	1.11	0.005	0.04	0.2	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1098416	Soil	21	20	0.36	114	0.037	<1	0.99	0.005	0.04	0.3	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
1098420	Soil	15	17	0.32	67	0.034	1	1.05	0.005	0.04	0.2	0.02	1.5	<0.1	<0.05	2	<0.5	<0.2

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Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000230.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098422	Soil		0.7	31.5	16.9	61	0.2	23.5	14.8	504	2.74	7.7	1.3	2.0	10.4	18	0.2	0.4	0.4	26	0.24	0.054
1098413	Soil		0.7	34.5	13.6	69	0.1	25.8	12.2	529	2.51	10.9	0.9	4.9	9.5	22	0.2	0.5	0.3	33	0.23	0.052
1098432	Soil		0.6	15.3	24.8	103	0.3	18.1	9.8	621	2.24	9.9	1.3	2.6	4.0	20	1.0	0.2	0.2	24	0.30	0.051
1098430	Soil		0.6	23.2	22.0	89	0.1	22.1	8.5	383	2.54	7.5	1.0	3.1	9.8	14	0.3	0.3	0.3	27	0.18	0.030
1098431	Soil		0.7	22.5	21.6	85	<0.1	22.4	8.3	371	2.41	7.6	0.9	4.2	9.7	14	0.2	0.3	0.2	27	0.17	0.029
1098427	Soil		0.7	39.1	32.0	80	0.3	27.1	11.5	478	2.70	15.8	1.7	3.5	10.4	24	0.4	0.3	0.4	27	0.32	0.047
1098426	Soil		0.7	24.4	13.5	50	<0.1	20.0	8.2	397	2.26	15.4	0.9	3.3	7.0	13	<0.1	0.4	0.3	23	0.17	0.031
1098428	Soil		0.6	25.6	11.2	58	0.2	21.6	8.9	362	2.27	6.7	0.8	0.6	6.8	17	<0.1	0.4	0.2	26	0.20	0.053
1098425	Soil		0.5	31.1	23.9	73	0.1	33.5	13.5	960	2.96	8.8	0.9	2.2	14.3	33	0.1	0.4	0.3	22	0.45	0.148
1097133	Soil		1.0	13.5	15.9	47	<0.1	14.7	8.3	365	2.49	10.8	0.6	0.9	1.4	11	0.1	2.1	0.2	38	0.08	0.052
1098429	Soil		0.6	26.6	10.0	66	0.2	23.9	9.9	372	2.41	8.5	0.9	0.9	6.8	16	<0.1	0.3	0.3	27	0.24	0.056
1098434	Soil		0.7	37.1	19.1	182	0.4	26.0	11.3	446	2.41	13.6	0.9	1.4	6.5	18	1.7	0.3	0.3	26	0.22	0.051
1098433	Soil		1.4	29.9	85.4	345	0.7	23.3	10.2	577	2.80	10.5	0.9	<0.5	5.7	21	3.1	0.4	0.3	36	0.29	0.057
1097131	Soil		0.9	12.2	14.5	45	<0.1	14.1	6.8	229	2.32	10.6	0.6	<0.5	1.0	12	<0.1	2.2	0.2	41	0.09	0.038
1097110	Soil		2.2	34.4	33.3	118	0.3	39.7	17.2	797	4.11	34.5	1.8	2.3	4.6	44	0.4	10.4	0.4	34	0.29	0.108
1097103	Soil		0.6	11.5	9.7	40	<0.1	9.8	3.6	104	1.78	8.2	0.7	<0.5	0.3	8	<0.1	0.5	0.2	29	0.07	0.051
1097104	Soil		1.0	16.2	14.4	55	<0.1	13.7	6.2	244	2.35	13.1	0.9	<0.5	0.9	9	0.1	1.0	0.3	34	0.06	0.059
1097126	Soil		0.9	21.0	14.9	54	<0.1	17.6	5.9	229	2.11	9.1	0.7	3.1	0.9	18	0.1	1.7	0.2	34	0.15	0.069
1097107	Soil		0.7	12.4	11.7	47	0.1	12.1	4.6	124	2.05	8.9	0.8	<0.5	0.5	12	<0.1	0.8	0.3	32	0.08	0.044
1097111	Soil		1.1	17.7	30.1	70	<0.1	19.6	14.4	843	3.17	17.1	0.8	5.5	1.0	21	0.1	4.0	0.2	40	0.15	0.071
1097129	Soil		1.0	18.1	17.1	50	<0.1	18.0	7.8	286	2.45	12.5	0.7	1.0	1.3	23	<0.1	2.8	0.3	44	0.19	0.042
1097125	Soil		0.7	11.3	10.9	38	<0.1	10.6	5.2	184	2.03	10.5	0.6	0.8	0.5	8	0.1	0.8	0.2	33	0.06	0.043
1097105	Soil		0.8	14.0	10.3	51	0.1	13.4	5.6	220	2.04	11.3	0.8	9.5	0.9	10	0.2	0.7	0.3	30	0.09	0.062
1097109	Soil		1.4	23.9	25.6	87	0.6	27.8	14.6	643	2.47	24.3	2.9	<0.5	0.6	65	0.3	4.9	0.3	28	0.38	0.110
1097130	Soil		0.9	16.8	11.7	52	<0.1	16.3	7.4	267	2.26	10.9	0.7	0.8	1.0	14	0.2	1.5	0.2	34	0.12	0.046
1097127	Soil		0.9	23.9	44.1	89	0.3	26.7	12.5	604	2.49	24.1	2.1	2.4	3.5	28	0.5	9.4	1.0	28	0.23	0.052
1097101	Soil		0.7	10.9	9.1	47	0.1	10.6	4.7	160	1.87	7.8	0.7	0.8	0.2	8	0.1	0.7	0.2	30	0.07	0.052
1097102	Soil		0.9	11.6	11.9	51	<0.1	12.5	10.2	532	2.21	10.2	0.6	29.1	0.6	8	0.1	1.0	0.2	33	0.08	0.064
1097132	Soil		1.0	9.5	12.0	39	<0.1	10.2	5.4	237	2.16	9.8	0.5	0.6	2.6	8	0.1	0.9	0.2	40	0.06	0.027
1097128	Soil		0.9	11.7	28.7	40	<0.1	16.1	5.9	223	2.37	13.8	0.5	7.1	1.8	12	0.1	5.0	0.2	40	0.09	0.047

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Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000230.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098422	Soil	39	20	0.37	188	0.015	<1	1.15	0.005	0.05	0.1	0.02	2.3	0.1	<0.05	3	<0.5	<0.2
1098413	Soil	27	22	0.51	232	0.047	<1	1.19	0.007	0.05	0.1	0.02	3.0	<0.1	<0.05	3	<0.5	<0.2
1098432	Soil	27	18	0.37	146	0.012	<1	1.05	0.005	0.05	0.2	0.02	1.5	0.1	0.05	3	<0.5	<0.2
1098430	Soil	31	20	0.29	174	0.014	<1	1.03	0.005	0.05	0.1	0.02	2.4	0.1	<0.05	3	<0.5	<0.2
1098431	Soil	32	19	0.30	176	0.017	<1	1.03	0.005	0.05	0.1	0.02	2.4	0.1	<0.05	3	<0.5	<0.2
1098427	Soil	33	22	0.46	101	0.025	<1	1.19	0.005	0.08	0.1	0.02	2.1	0.1	<0.05	3	<0.5	<0.2
1098426	Soil	28	17	0.34	176	0.014	1	1.02	0.004	0.04	0.1	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
1098428	Soil	28	19	0.42	195	0.024	2	0.92	0.006	0.03	0.1	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2
1098425	Soil	42	23	0.55	237	0.041	3	1.19	0.005	0.15	0.1	0.02	2.5	0.1	<0.05	4	<0.5	<0.2
1097133	Soil	14	23	0.38	66	0.025	2	1.09	0.004	0.07	0.2	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1098429	Soil	32	24	0.48	183	0.017	1	1.19	0.005	0.04	0.1	0.03	2.4	0.1	<0.05	4	<0.5	<0.2
1098434	Soil	29	22	0.49	164	0.015	2	1.34	0.005	0.05	0.2	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1098433	Soil	27	24	0.73	156	0.016	1	1.40	0.005	0.04	0.1	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
1097131	Soil	15	25	0.42	94	0.028	2	1.25	0.005	0.06	0.1	0.03	1.7	0.1	<0.05	5	<0.5	<0.2
1097110	Soil	24	23	0.54	153	0.029	3	1.43	0.005	0.13	0.1	0.03	4.1	0.2	<0.05	4	<0.5	<0.2
1097103	Soil	12	18	0.32	61	0.015	2	1.11	0.004	0.03	0.2	0.04	0.7	<0.1	<0.05	4	0.6	<0.2
1097104	Soil	17	22	0.40	79	0.018	2	1.45	0.004	0.06	0.2	0.02	1.0	0.1	<0.05	5	<0.5	<0.2
1097126	Soil	14	20	0.43	116	0.021	3	1.12	0.008	0.07	0.3	0.04	1.5	0.1	<0.05	3	<0.5	<0.2
1097107	Soil	15	20	0.38	91	0.018	2	1.36	0.005	0.05	0.2	0.03	0.9	0.1	<0.05	5	<0.5	<0.2
1097111	Soil	14	26	0.50	93	0.027	3	1.37	0.006	0.09	0.2	0.03	1.6	0.2	<0.05	5	<0.5	<0.2
1097129	Soil	14	28	0.50	165	0.023	1	1.38	0.006	0.07	0.2	0.03	2.2	0.1	<0.05	5	<0.5	<0.2
1097125	Soil	11	18	0.30	69	0.021	<1	1.10	0.004	0.03	0.2	0.03	1.0	<0.1	<0.05	4	<0.5	<0.2
1097105	Soil	15	20	0.36	76	0.023	2	1.21	0.004	0.05	0.1	0.03	1.1	0.1	<0.05	4	<0.5	<0.2
1097109	Soil	25	25	0.46	177	0.021	2	1.79	0.012	0.06	0.1	0.04	1.4	0.2	0.07	4	1.7	<0.2
1097130	Soil	13	22	0.41	113	0.024	2	1.28	0.005	0.05	0.2	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
1097127	Soil	21	23	0.48	213	0.029	1	1.23	0.005	0.08	0.4	0.04	2.4	0.2	<0.05	4	0.6	<0.2
1097101	Soil	11	18	0.34	70	0.015	1	1.04	0.005	0.03	0.2	0.04	0.6	<0.1	<0.05	4	<0.5	<0.2
1097102	Soil	13	19	0.35	61	0.018	1	1.20	0.004	0.04	0.2	0.06	0.9	<0.1	<0.05	4	<0.5	<0.2
1097132	Soil	14	20	0.31	73	0.034	<1	1.20	0.004	0.04	0.2	0.03	1.7	0.1	<0.05	5	0.7	<0.2
1097128	Soil	17	28	0.40	91	0.033	1	1.16	0.004	0.07	0.1	0.03	1.7	0.1	<0.05	5	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1097108	Soil	0.9	16.0	13.3	66	0.1	16.5	10.5	462	2.23	11.0	1.0	<0.5	1.1	15	0.2	1.3	0.3	30	0.11	0.056
1097112	Soil	0.7	45.6	24.1	96	0.1	52.5	22.8	408	3.78	34.6	1.1	0.5	11.5	39	0.1	53.4	0.2	7	0.24	0.098
1097106	Soil	0.8	12.3	12.2	45	0.1	10.8	6.5	235	2.13	10.6	0.8	<0.5	0.6	11	0.1	0.7	0.3	31	0.08	0.046
1097124	Soil	1.4	14.9	13.9	56	<0.1	14.4	10.1	451	2.62	12.9	0.8	0.6	1.9	9	0.2	1.4	0.3	45	0.07	0.055
1097116	Soil	0.9	9.4	26.7	39	<0.1	10.1	4.5	196	2.16	11.9	0.7	<0.5	0.3	9	0.1	2.3	0.3	35	0.05	0.041
1097117	Soil	1.1	9.9	22.3	42	<0.1	11.0	6.2	292	2.29	13.1	0.6	2.6	0.3	8	0.1	2.3	0.3	39	0.06	0.045
1097121	Soil	1.5	11.3	27.0	50	<0.1	13.7	6.0	283	2.64	15.3	0.8	2.7	0.7	9	<0.1	3.4	0.3	43	0.06	0.046
1097119	Soil	1.8	15.7	20.5	72	0.2	17.0	12.0	689	2.84	14.9	1.2	0.6	0.7	9	0.1	1.9	0.3	41	0.07	0.059
1097114	Soil	1.3	18.9	22.6	66	<0.1	19.2	9.1	348	2.83	16.4	0.7	1.6	1.4	13	0.1	4.4	0.3	47	0.08	0.056
1097122	Soil	1.0	18.3	17.6	68	<0.1	19.3	11.1	519	2.59	12.7	0.8	6.5	1.5	13	0.2	1.8	0.3	39	0.13	0.060
1097118	Soil	1.0	10.0	21.2	38	<0.1	11.0	4.6	197	2.33	12.2	0.6	<0.5	0.5	8	0.1	1.8	0.2	42	0.06	0.046
1097123	Soil	1.0	7.3	17.7	26	<0.1	6.9	2.7	118	1.56	8.1	0.5	<0.5	0.1	7	0.1	1.1	0.3	31	0.05	0.040
1151031	Soil	1.2	27.3	21.9	72	0.1	24.9	12.7	367	2.94	16.4	1.1	2.8	4.3	20	0.3	1.0	0.4	35	0.07	0.053
1097113	Soil	0.9	9.1	19.9	33	<0.1	8.9	3.8	162	1.78	13.1	0.7	1.3	0.2	10	0.1	2.0	0.3	39	0.06	0.046
1097115	Soil	1.1	22.3	22.5	63	<0.1	20.1	8.8	370	2.72	13.9	1.2	11.6	1.7	14	0.2	2.9	0.3	42	0.10	0.064
1097120	Soil	1.3	15.1	26.9	49	<0.1	12.9	8.2	417	2.55	15.3	0.8	1.6	0.7	9	0.1	3.3	0.3	41	0.06	0.060
1151045	Soil	1.2	25.4	13.8	78	<0.1	25.8	20.6	527	2.96	19.9	1.3	2.5	3.2	15	0.2	1.4	0.3	43	0.11	0.069
1151036	Soil	1.1	16.6	15.2	54	<0.1	19.5	10.6	502	2.50	15.0	0.7	5.6	3.1	8	0.2	1.0	0.2	40	0.05	0.035
1151034	Soil	1.2	23.9	50.0	54	0.2	15.4	5.7	255	1.97	39.9	0.9	3.3	0.3	13	0.2	2.0	0.5	34	0.07	0.083
1151035	Soil	0.9	17.8	15.1	62	<0.1	23.9	10.4	345	2.40	29.1	0.7	2.0	4.5	10	0.3	1.1	0.2	37	0.07	0.042
1149880	Soil	1.4	40.6	26.3	87	<0.1	31.3	14.6	350	3.16	13.7	1.8	6.3	14.1	24	0.1	2.2	0.4	19	0.07	0.059
1151033	Soil	1.2	18.4	14.7	65	0.1	18.3	8.2	332	2.57	13.4	0.9	4.6	3.0	14	0.2	0.9	0.3	47	0.10	0.050
1151032	Soil	1.2	19.8	16.4	57	<0.1	18.7	7.9	363	2.61	13.2	0.8	11.8	2.0	10	0.2	0.9	0.3	43	0.07	0.042
1151049	Soil	1.0	18.7	25.1	64	0.3	17.7	14.3	569	2.58	121.2	1.0	5.0	4.2	11	0.4	2.1	0.3	38	0.07	0.052
1149884	Soil	0.7	13.8	9.7	39	<0.1	10.7	5.2	197	1.66	9.1	0.8	1.4	0.4	9	<0.1	0.5	0.2	27	0.07	0.048
1149885	Soil	0.7	20.6	11.4	58	<0.1	17.9	8.1	266	2.09	11.8	0.9	2.8	1.8	12	0.1	0.7	0.2	29	0.11	0.056
1149882	Soil	0.6	24.8	14.7	54	<0.1	17.5	7.5	247	1.90	10.1	0.9	2.7	5.1	12	0.2	0.7	0.3	23	0.12	0.063
1149877	Soil	0.9	26.1	20.3	63	0.1	18.1	8.5	257	2.38	57.7	1.2	14.6	4.6	10	0.2	1.6	0.2	32	0.08	0.044
1149879	Soil	0.9	25.3	16.1	66	0.3	19.6	8.2	274	2.17	29.6	1.2	7.6	3.5	15	0.2	1.3	0.2	31	0.13	0.072
1149878	Soil	0.6	23.8	12.3	73	0.1	21.1	10.4	402	2.23	29.2	1.2	2.4	3.6	15	0.2	0.9	0.2	33	0.14	0.068

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000230.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1097108	Soil	16	19	0.37	96	0.020	1	1.40	0.005	0.05	0.2	0.03	1.1	0.1	<0.05	4	<0.5	<0.2
1097112	Soil	40	8	0.33	38	0.004	2	0.63	0.002	0.10	<0.1	0.03	1.2	0.1	<0.05	2	<0.5	<0.2
1097106	Soil	14	19	0.35	96	0.016	2	1.32	0.004	0.05	0.2	0.03	0.8	0.1	<0.05	4	0.8	<0.2
1097124	Soil	12	26	0.44	100	0.026	<1	1.53	0.004	0.04	0.2	0.04	2.1	<0.1	<0.05	5	0.7	<0.2
1097116	Soil	13	19	0.27	99	0.015	<1	1.17	0.004	0.03	0.1	0.04	0.8	0.1	<0.05	5	<0.5	<0.2
1097117	Soil	12	22	0.31	61	0.018	<1	1.08	0.004	0.04	0.1	0.05	0.8	0.1	<0.05	5	<0.5	<0.2
1097121	Soil	14	29	0.42	81	0.021	2	1.31	0.004	0.05	0.2	0.03	1.4	0.1	<0.05	5	<0.5	<0.2
1097119	Soil	13	25	0.48	107	0.020	1	1.64	0.005	0.05	0.1	0.03	1.6	0.2	<0.05	5	<0.5	<0.2
1097114	Soil	18	27	0.59	94	0.040	<1	1.37	0.004	0.13	0.1	0.03	1.9	0.2	<0.05	6	<0.5	<0.2
1097122	Soil	15	24	0.44	127	0.028	2	1.22	0.005	0.06	0.2	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1097118	Soil	13	22	0.30	71	0.022	1	1.12	0.004	0.04	0.2	0.02	1.0	0.1	<0.05	5	1.0	<0.2
1097123	Soil	11	16	0.21	55	0.012	<1	0.83	0.003	0.03	0.1	0.04	0.4	0.1	<0.05	5	0.6	<0.2
1151031	Soil	22	21	0.46	96	0.027	2	1.32	0.007	0.05	0.2	0.02	1.9	<0.1	<0.05	4	0.5	<0.2
1097113	Soil	13	21	0.26	83	0.017	1	0.92	0.006	0.04	0.1	0.03	0.7	0.2	<0.05	5	<0.5	<0.2
1097115	Soil	18	27	0.43	102	0.029	1	1.31	0.005	0.07	0.2	0.05	2.2	0.1	<0.05	4	<0.5	<0.2
1097120	Soil	15	28	0.32	72	0.017	<1	1.16	0.005	0.05	0.1	0.03	1.3	0.1	<0.05	5	<0.5	<0.2
1151045	Soil	18	26	0.46	87	0.041	<1	1.50	0.006	0.04	0.2	0.02	2.2	0.1	<0.05	5	<0.5	<0.2
1151036	Soil	14	23	0.32	97	0.038	1	1.46	0.004	0.04	0.2	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1151034	Soil	12	19	0.23	78	0.019	1	1.04	0.011	0.06	0.1	0.04	0.9	0.1	0.08	4	0.6	<0.2
1151035	Soil	15	22	0.36	110	0.040	2	1.35	0.005	0.06	0.2	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1149880	Soil	40	16	0.40	88	0.013	<1	1.40	0.006	0.04	<0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1151033	Soil	16	23	0.38	121	0.040	1	1.49	0.006	0.05	0.2	0.02	2.1	0.1	<0.05	5	0.5	<0.2
1151032	Soil	16	23	0.36	89	0.032	<1	1.49	0.005	0.05	0.2	0.03	1.9	0.1	<0.05	5	<0.5	<0.2
1151049	Soil	18	23	0.35	89	0.040	<1	1.20	0.005	0.04	0.3	0.07	2.2	0.1	<0.05	4	<0.5	<0.2
1149884	Soil	12	16	0.25	71	0.013	<1	0.95	0.004	0.02	0.2	0.03	0.8	<0.1	<0.05	3	<0.5	<0.2
1149885	Soil	15	18	0.32	108	0.024	<1	1.07	0.005	0.03	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1149882	Soil	16	15	0.30	63	0.026	1	0.84	0.004	0.03	0.2	0.02	1.6	<0.1	<0.05	2	<0.5	<0.2
1149877	Soil	14	20	0.32	82	0.031	<1	1.32	0.004	0.03	0.2	0.05	2.3	0.1	<0.05	3	<0.5	<0.2
1149879	Soil	18	18	0.32	76	0.029	1	1.07	0.005	0.04	0.3	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2
1149878	Soil	15	20	0.39	104	0.028	<1	1.20	0.006	0.03	0.2	0.04	2.3	0.1	<0.05	3	<0.5	<0.2

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Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000230.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1149881	Soil	1.2	27.9	14.3	73	<0.1	19.9	11.0	405	2.57	15.5	1.3	3.9	4.7	13	0.2	0.9	0.2	40	0.10	0.069
1149883	Soil	0.6	21.2	10.2	57	<0.1	16.5	6.0	202	2.00	11.0	1.1	5.1	1.6	12	<0.1	0.6	0.2	28	0.11	0.060
1151040	Soil	1.1	31.1	17.6	71	<0.1	24.9	10.4	258	3.23	19.5	1.9	1.1	6.8	11	0.1	1.6	0.4	35	0.05	0.052
1151039	Soil	0.8	21.6	12.3	50	<0.1	16.3	7.9	251	2.38	11.0	0.9	1.9	7.2	11	0.3	0.9	0.2	25	0.06	0.040
1151038	Soil	1.9	46.1	15.4	110	<0.1	74.8	26.5	676	3.55	15.1	3.0	2.0	11.0	19	0.2	0.8	0.5	35	0.05	0.050
1151030	Soil	0.8	16.3	14.8	49	<0.1	15.4	6.5	198	2.52	15.1	0.7	1.7	4.6	10	0.2	0.8	0.2	38	0.06	0.028
1151029	Soil	1.3	45.8	24.2	58	0.1	19.9	8.6	186	3.48	17.2	1.7	1.6	12.1	17	0.2	0.8	0.4	31	0.03	0.040
1151026	Soil	1.1	33.2	34.5	64	<0.1	17.8	7.5	223	2.94	61.1	1.8	2.4	4.1	13	0.2	1.0	0.4	29	0.03	0.053
1151027	Soil	1.0	17.0	17.8	40	<0.1	9.4	3.7	146	2.67	16.6	0.8	2.9	3.8	13	<0.1	0.7	0.3	37	0.04	0.037
1151043	Soil	0.9	29.5	14.3	64	<0.1	19.7	9.3	273	2.61	11.0	1.3	1.3	6.0	17	0.1	0.7	0.3	33	0.10	0.057
1151037	Soil	2.4	29.7	17.5	49	0.1	17.0	4.5	220	2.53	12.3	1.3	1.4	4.8	20	<0.1	0.8	0.5	55	0.04	0.039
1151028	Soil	1.1	36.6	28.2	60	<0.1	16.2	6.6	225	3.67	17.1	1.9	3.6	14.8	14	0.1	1.0	0.4	29	0.04	0.047
1151042	Soil	1.2	15.9	13.8	52	<0.1	14.9	7.8	307	2.74	12.9	0.8	3.9	3.7	8	0.2	1.2	0.3	42	0.05	0.028
1151041	Soil	1.6	27.8	19.5	81	<0.1	23.3	14.3	480	3.35	35.3	1.6	1.9	4.6	12	0.1	1.5	0.8	36	0.04	0.050
1151046	Soil	0.9	23.5	13.5	66	<0.1	19.4	10.7	305	2.71	14.0	1.2	3.7	5.5	15	0.2	0.9	0.3	37	0.08	0.053
1151048	Soil	1.2	19.4	17.2	53	1.0	15.1	5.7	138	1.91	182.3	0.9	3.6	2.4	11	0.3	1.8	0.4	34	0.04	0.034
1151047	Soil	1.2	15.0	14.9	56	<0.1	15.2	8.2	283	2.81	19.3	0.8	2.2	4.4	9	0.1	0.9	0.3	43	0.06	0.038
1151044	Soil	1.1	28.9	15.2	64	0.1	19.7	9.5	260	2.77	13.2	1.2	2.1	3.3	15	0.2	1.0	0.3	36	0.06	0.057
1110968	Soil	0.8	14.7	14.2	51	<0.1	15.3	6.3	215	2.15	9.9	0.7	3.0	0.6	8	0.1	1.2	0.2	34	0.07	0.040
1110966	Soil	0.8	24.9	13.2	61	0.1	20.7	9.4	348	2.30	11.2	1.1	5.1	3.7	14	0.2	1.2	0.2	33	0.14	0.052
1110964	Soil	0.8	23.7	14.6	57	<0.1	20.4	8.3	301	2.41	10.2	1.0	2.2	3.6	13	0.2	1.4	0.2	34	0.10	0.040
1110967	Soil	0.9	21.5	14.2	59	<0.1	19.8	9.3	294	2.47	12.1	1.0	3.9	5.0	11	0.2	1.3	0.3	36	0.10	0.051
1110970	Soil	0.6	14.9	10.2	46	<0.1	14.3	5.6	196	1.82	10.3	0.6	1.6	0.8	11	<0.1	1.1	0.2	28	0.11	0.045
1110972	Soil	0.7	20.9	12.1	58	<0.1	20.7	8.6	297	2.34	11.0	0.7	3.9	4.7	12	0.2	1.7	0.2	30	0.14	0.050
1110971	Soil	0.9	20.2	15.0	50	<0.1	13.5	7.5	296	2.29	11.6	0.8	3.0	1.3	10	0.2	1.6	0.3	31	0.09	0.060
1110965	Soil	0.9	14.7	12.4	51	<0.1	14.6	8.6	368	2.17	10.5	0.7	2.7	3.5	9	0.2	1.1	0.2	34	0.07	0.037
1110975	Soil	0.6	34.2	26.8	83	0.2	35.3	12.2	536	3.62	20.3	1.2	1.2	15.2	30	<0.1	4.7	0.4	5	0.37	0.085
1110979	Soil	0.7	20.5	28.3	64	<0.1	19.6	9.3	307	2.55	13.1	0.9	2.1	4.5	10	0.2	3.2	0.4	31	0.06	0.041
1110980	Soil	1.1	19.6	47.6	92	0.2	18.9	11.9	485	3.28	27.7	1.0	1.2	5.6	16	0.5	7.2	0.4	24	0.03	0.052
1110963	Soil	0.7	26.5	25.9	76	0.1	19.0	8.1	248	2.47	13.4	0.9	1.7	2.8	11	0.3	3.9	0.3	25	0.06	0.040

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1149881	Soil	17	25	0.45	156	0.029	1	1.77	0.007	0.04	0.3	0.05	2.8	0.1	<0.05	4	<0.5	<0.2
1149883	Soil	16	18	0.33	73	0.024	<1	1.06	0.005	0.03	0.2	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
1151040	Soil	21	24	0.42	64	0.023	<1	1.55	0.005	0.04	0.1	0.02	2.0	<0.1	<0.05	4	0.5	<0.2
1151039	Soil	22	17	0.35	60	0.026	<1	1.24	0.004	0.03	0.1	0.01	1.8	0.1	<0.05	3	<0.5	<0.2
1151038	Soil	40	26	0.89	146	0.064	<1	1.85	0.005	0.20	<0.1	<0.01	3.5	0.2	<0.05	5	0.6	<0.2
1151030	Soil	15	19	0.29	89	0.027	<1	1.15	0.004	0.03	0.2	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1151029	Soil	26	22	0.47	64	0.019	<1	1.65	0.006	0.04	0.1	0.03	1.9	<0.1	<0.05	5	<0.5	<0.2
1151026	Soil	24	20	0.39	53	0.014	<1	1.38	0.005	0.03	0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1151027	Soil	17	18	0.25	78	0.022	<1	1.15	0.005	0.03	0.2	0.03	1.3	<0.1	<0.05	5	<0.5	<0.2
1151043	Soil	20	21	0.44	119	0.033	1	1.34	0.007	0.04	0.2	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
1151037	Soil	23	23	0.59	81	0.077	<1	1.58	0.009	0.19	0.4	0.02	2.8	0.2	0.06	7	<0.5	<0.2
1151028	Soil	31	20	0.38	65	0.022	<1	1.29	0.006	0.03	0.2	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1151042	Soil	14	24	0.37	68	0.037	<1	1.39	0.004	0.03	0.2	0.02	2.0	0.1	<0.05	5	0.5	<0.2
1151041	Soil	21	26	0.52	66	0.023	<1	1.59	0.005	0.05	0.1	0.02	1.8	0.1	<0.05	5	<0.5	<0.2
1151046	Soil	19	24	0.45	71	0.034	1	1.54	0.007	0.05	0.3	0.05	2.2	0.1	<0.05	4	<0.5	<0.2
1151048	Soil	23	12	0.19	42	0.023	<1	0.75	0.006	0.03	0.2	0.02	1.1	0.1	<0.05	4	<0.5	<0.2
1151047	Soil	14	23	0.34	69	0.032	1	1.40	0.005	0.03	0.2	0.02	2.0	0.1	<0.05	5	0.6	<0.2
1151044	Soil	18	22	0.40	60	0.027	<1	1.22	0.006	0.04	0.2	0.04	1.6	<0.1	<0.05	5	<0.5	<0.2
1110968	Soil	13	19	0.30	115	0.017	<1	1.30	0.004	0.03	0.1	0.03	0.9	<0.1	<0.05	4	<0.5	<0.2
1110966	Soil	18	21	0.49	199	0.030	<1	1.26	0.005	0.03	0.2	0.04	2.5	<0.1	<0.05	4	<0.5	<0.2
1110964	Soil	21	21	0.47	180	0.029	<1	1.34	0.004	0.03	0.1	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1110967	Soil	19	23	0.42	175	0.032	<1	1.47	0.004	0.04	0.2	0.04	2.5	<0.1	<0.05	4	<0.5	<0.2
1110970	Soil	13	19	0.36	113	0.018	<1	1.10	0.004	0.03	0.2	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1110972	Soil	19	19	0.39	130	0.026	<1	1.05	0.005	0.03	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1110971	Soil	18	22	0.29	117	0.015	<1	1.09	0.004	0.03	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1110965	Soil	16	20	0.40	135	0.025	<1	1.22	0.004	0.03	0.2	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1110975	Soil	39	5	0.07	51	<0.001	<1	0.37	0.003	0.08	<0.1	0.05	2.5	<0.1	<0.05	1	<0.5	<0.2
1110979	Soil	23	19	0.28	82	0.016	1	1.15	0.004	0.04	0.2	0.02	1.8	<0.1	0.10	3	0.6	<0.2
1110980	Soil	35	10	0.10	48	0.009	1	0.76	0.004	0.04	<0.1	0.03	0.9	<0.1	0.09	3	<0.5	<0.2
1110963	Soil	21	18	0.46	71	0.019	<1	1.19	0.003	0.03	<0.1	0.02	1.3	<0.1	0.06	4	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000230.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1110976	Soil	1.1	31.7	41.0	105	0.2	34.4	12.3	285	3.35	51.6	0.9	9.7	8.2	51	0.2	12.8	0.4	7	0.06	0.043
1110983	Soil	1.0	26.5	12.3	65	0.1	21.5	7.8	164	2.21	12.1	0.7	3.2	4.5	23	0.4	1.4	0.2	38	0.31	0.081
1110982	Soil	0.7	25.3	14.1	67	0.1	21.6	8.5	280	2.14	9.6	0.9	4.4	5.6	20	0.3	1.4	0.2	29	0.27	0.075
1110969	Soil	0.7	19.9	15.2	55	<0.1	18.2	7.6	238	2.15	11.4	0.7	3.7	3.0	10	0.1	1.4	0.2	29	0.10	0.045
1110952	Soil	0.7	27.7	20.8	87	<0.1	30.8	15.6	402	2.67	20.0	1.7	1.3	9.7	9	0.3	2.0	0.4	15	0.05	0.032
1110953	Soil	1.1	22.6	19.6	61	<0.1	20.0	9.5	286	3.04	9.2	0.9	1.6	2.1	9	0.1	0.9	0.3	30	0.07	0.050
1151050	Soil	0.9	20.0	22.6	65	0.3	23.7	12.3	361	2.43	38.0	1.0	10.2	4.3	11	0.4	2.1	0.2	31	0.12	0.060
1149876	Soil	0.7	18.4	14.9	56	0.2	18.9	10.6	368	2.34	35.6	0.7	3.7	2.6	10	0.2	1.3	0.2	31	0.10	0.049
1110956	Soil	0.9	24.8	17.6	64	<0.1	23.6	11.8	292	3.03	12.6	1.3	2.0	8.6	10	0.2	1.0	0.2	35	0.07	0.037
1110960	Soil	0.8	20.5	13.8	57	<0.1	20.7	10.9	286	2.29	12.2	0.8	2.5	3.6	14	0.2	1.0	0.2	32	0.14	0.071
1110962	Soil	0.6	28.1	15.5	61	<0.1	19.9	8.6	362	2.23	9.4	1.7	3.7	3.2	12	0.1	1.0	0.2	31	0.11	0.055
1110954	Soil	0.9	29.1	15.1	59	<0.1	23.2	11.4	380	2.69	13.0	1.7	2.5	5.6	15	0.2	0.9	0.2	40	0.13	0.060
1110958	Soil	0.7	15.4	14.4	47	<0.1	18.8	10.1	277	2.58	8.8	0.7	1.8	4.7	9	0.1	0.6	0.2	35	0.08	0.037
1110959	Soil	0.6	30.9	39.1	115	0.4	20.9	13.5	611	2.66	11.8	0.8	1.3	5.1	12	1.8	1.4	0.4	31	0.11	0.053
1110961	Soil	0.6	26.7	15.4	61	<0.1	19.9	8.3	341	2.28	9.2	1.6	2.6	3.0	11	0.2	1.0	0.2	31	0.11	0.054
1110955	Soil	0.7	12.8	12.8	51	<0.1	16.1	7.2	222	2.16	9.7	0.8	3.9	1.7	13	0.2	0.9	0.2	36	0.11	0.054
1110973	Soil	0.9	24.6	28.8	65	0.2	25.8	9.2	227	2.95	66.1	0.7	8.9	4.2	41	0.2	9.5	0.3	21	0.09	0.058
1110974	Soil	0.8	22.7	28.2	63	0.2	24.1	8.8	222	2.80	57.0	0.7	8.6	4.0	38	0.2	8.1	0.3	25	0.10	0.054
1110951	Soil	0.9	18.1	12.3	44	<0.1	14.7	5.7	195	1.76	7.0	0.9	1.8	7.9	10	0.2	1.8	0.2	22	0.07	0.026
1110957	Soil	4.3	59.7	31.4	77	<0.1	24.9	15.6	452	2.12	24.1	1.7	3.6	10.9	7	0.6	3.1	0.4	24	0.04	0.045

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Project: MHR
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS DAW11000230.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1110976	Soil	19	6	0.08	75	0.003	<1	0.38	0.030	0.07	<0.1	0.02	1.3	0.1	0.18	<1	0.8	<0.2
1110983	Soil	16	22	0.37	240	0.038	1	0.90	0.009	0.05	0.3	0.04	2.9	0.1	0.07	3	0.7	<0.2
1110982	Soil	18	19	0.35	240	0.026	<1	0.90	0.007	0.04	0.2	0.04	2.3	<0.1	0.05	3	0.5	<0.2
1110969	Soil	20	19	0.40	100	0.025	<1	1.18	0.004	0.03	0.1	0.02	1.6	<0.1	0.07	4	0.5	<0.2
1110952	Soil	23	13	0.30	80	0.015	<1	0.87	0.002	0.04	0.2	0.01	1.8	<0.1	0.06	3	<0.5	<0.2
1110953	Soil	21	19	0.32	71	0.016	<1	1.15	0.005	0.04	<0.1	0.02	1.2	<0.1	0.08	4	0.7	<0.2
1151050	Soil	16	19	0.32	75	0.025	<1	1.00	0.005	0.04	0.4	0.02	1.6	<0.1	0.08	3	0.6	<0.2
1149876	Soil	14	19	0.32	92	0.021	<1	1.09	0.004	0.03	0.2	0.03	1.5	<0.1	<0.05	3	0.6	<0.2
1110956	Soil	20	24	0.46	113	0.020	<1	1.55	0.005	0.04	0.1	0.02	2.2	<0.1	0.05	4	<0.5	<0.2
1110960	Soil	16	21	0.41	98	0.027	<1	1.28	0.005	0.04	0.2	0.02	1.9	<0.1	<0.05	3	0.6	<0.2
1110962	Soil	21	21	0.46	150	0.025	<1	1.29	0.004	0.04	0.1	0.04	2.6	<0.1	0.06	4	<0.5	<0.2
1110954	Soil	21	26	0.46	206	0.033	<1	1.49	0.007	0.05	0.2	0.07	4.3	<0.1	<0.05	4	0.8	<0.2
1110958	Soil	17	24	0.39	103	0.026	<1	1.51	0.004	0.04	<0.1	0.03	2.0	0.2	<0.05	4	0.5	<0.2
1110959	Soil	32	23	0.56	148	0.019	<1	1.41	0.004	0.05	0.1	0.04	2.1	0.2	<0.05	4	0.6	<0.2
1110961	Soil	22	21	0.45	137	0.026	<1	1.32	0.004	0.04	0.1	0.04	2.4	<0.1	<0.05	4	<0.5	<0.2
1110955	Soil	15	19	0.32	94	0.027	<1	1.08	0.005	0.04	0.1	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1110973	Soil	27	14	0.15	104	0.012	<1	0.73	0.005	0.06	0.1	0.02	1.6	<0.1	0.07	2	<0.5	<0.2
1110974	Soil	25	15	0.18	107	0.014	1	0.82	0.005	0.06	0.2	0.03	1.7	0.1	0.08	3	<0.5	<0.2
1110951	Soil	30	15	0.22	147	0.019	<1	0.72	0.004	0.05	<0.1	0.02	1.8	<0.1	<0.05	2	<0.5	<0.2
1110957	Soil	34	14	0.34	41	0.009	<1	0.85	0.002	0.04	<0.1	0.01	1.3	0.5	<0.05	3	0.7	<0.2

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Project: MHR
Report Date: September 15, 2011

QUALITY CONTROL REPORT DAW11000230.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1097029	Soil	0.9	13.6	19.4	52	0.1	13.0	5.2	196	1.91	25.1	0.6	3.5	0.4	9	0.4	0.6	0.2	37	0.09	0.048
REP 1097029	QC	0.9	12.8	18.6	51	0.1	12.0	4.9	192	1.83	24.3	0.6	3.0	0.3	8	0.3	0.6	0.2	36	0.09	0.048
1096307	Soil	1.1	59.8	13.8	73	0.2	29.7	20.1	1040	5.35	20.0	0.7	4.7	5.9	87	0.2	3.5	0.2	102	0.56	0.162
REP 1096307	QC	1.2	60.8	13.7	74	0.2	29.5	20.0	1051	5.25	19.6	0.7	2.6	5.8	84	0.2	3.5	0.2	104	0.56	0.159
1036775	Soil	0.6	19.3	16.8	54	0.2	19.3	7.2	285	2.06	28.7	0.8	6.4	3.5	10	0.2	5.5	0.2	30	0.13	0.047
REP 1036775	QC	0.7	19.8	16.7	56	0.1	19.6	7.1	293	2.11	28.8	0.8	6.5	3.6	10	0.2	5.4	0.2	33	0.14	0.052
1098477	Soil	0.8	30.2	23.6	84	0.3	26.5	12.3	618	2.88	13.9	1.0	4.8	3.8	20	0.3	0.5	0.3	33	0.26	0.055
REP 1098477	QC	0.7	29.3	23.6	87	0.3	25.3	12.1	592	2.81	13.3	0.9	10.9	4.1	19	0.3	0.5	0.3	31	0.27	0.055
1097008	Soil	1.2	47.9	30.1	78	0.3	26.5	14.4	550	3.44	23.4	1.6	6.2	4.4	18	0.2	7.0	0.5	37	0.09	0.068
REP 1097008	QC	1.1	49.2	31.6	80	0.3	26.6	14.7	547	3.43	23.5	1.7	5.0	4.4	18	0.2	7.4	0.5	37	0.09	0.069
1096233	Soil	1.0	15.9	17.2	51	<0.1	15.2	5.5	173	2.33	12.3	0.9	4.4	1.4	16	<0.1	1.1	0.3	50	0.11	0.041
REP 1096233	QC	1.1	15.1	16.5	50	<0.1	14.1	5.3	167	2.27	11.8	1.0	7.2	1.3	16	0.1	1.0	0.3	48	0.10	0.042
1097026	Soil	1.2	32.5	342.5	114	0.4	33.9	14.6	712	3.45	33.2	1.3	11.4	6.6	26	0.8	25.2	0.7	37	0.19	0.085
REP 1097026	QC	1.2	33.3	348.3	115	0.4	34.0	14.2	727	3.36	32.2	1.3	11.9	6.4	25	0.7	24.0	0.7	36	0.18	0.080
1096379	Soil	1.2	33.4	27.1	59	0.2	17.5	7.7	201	2.96	15.7	1.9	4.6	1.2	14	0.1	1.5	0.4	42	0.09	0.071
REP 1096379	QC	1.2	31.1	25.6	57	0.2	16.2	7.2	191	2.98	14.9	1.8	2.4	1.1	13	0.1	1.5	0.4	40	0.09	0.066
1110824	Soil	0.7	33.3	11.8	66	<0.1	22.2	10.9	430	2.35	13.0	0.8	1.9	3.3	12	0.3	0.5	0.2	36	0.14	0.071
REP 1110824	QC	0.8	34.0	12.0	69	<0.1	23.3	11.6	426	2.35	13.1	0.8	4.6	3.2	12	0.3	0.5	0.2	35	0.14	0.070
1096361	Soil	0.8	25.4	11.1	58	<0.1	19.3	7.4	243	2.53	11.2	1.0	2.5	4.7	8	0.1	0.5	0.2	33	0.08	0.047
REP 1096361	QC	0.7	24.4	11.4	54	<0.1	19.0	7.3	233	2.49	10.4	1.0	3.5	4.8	8	0.1	0.5	0.2	33	0.07	0.047
1098410	Soil	1.0	17.6	14.0	51	<0.1	18.8	11.1	432	2.19	11.7	0.8	2.5	3.6	19	<0.1	0.3	0.3	32	0.27	0.039
REP 1098410	QC	1.0	18.4	14.4	55	0.1	20.3	11.9	455	2.26	12.2	0.8	3.9	3.7	19	<0.1	0.3	0.3	34	0.27	0.041
1098404	Soil	0.6	26.0	14.1	82	0.1	28.0	11.5	601	2.52	26.5	1.1	6.1	7.7	14	0.2	0.6	0.2	32	0.15	0.061
REP 1098404	QC	0.6	27.2	14.5	83	<0.1	27.6	12.0	613	2.58	27.7	1.0	5.7	7.9	13	0.3	0.5	0.2	31	0.15	0.060
1097105	Soil	0.8	14.0	10.3	51	0.1	13.4	5.6	220	2.04	11.3	0.8	9.5	0.9	10	0.2	0.7	0.3	30	0.09	0.062
REP 1097105	QC	0.8	15.4	10.5	53	0.1	14.1	5.9	225	2.10	11.7	0.8	2.0	1.0	10	0.2	0.6	0.3	30	0.10	0.062
1097117	Soil	1.1	9.9	22.3	42	<0.1	11.0	6.2	292	2.29	13.1	0.6	2.6	0.3	8	0.1	2.3	0.3	39	0.06	0.045
REP 1097117	QC	1.3	9.8	22.8	42	<0.1	11.2	6.1	281	2.20	13.0	0.6	<0.5	0.3	8	0.1	2.2	0.3	40	0.06	0.048

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 15, 2011

QUALITY CONTROL REPORT DAW11000230.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1097029	Soil	12	20	0.29	67	0.019	<1	0.98	0.004	0.03	0.3	0.06	0.8	<0.1	<0.05	4	0.5	<0.2
REP 1097029	QC	12	19	0.29	63	0.018	<1	0.94	0.004	0.03	0.3	0.05	0.8	<0.1	<0.05	4	<0.5	<0.2
1096307	Soil	21	31	1.31	164	0.064	1	1.78	0.007	0.22	0.2	0.04	8.4	0.3	<0.05	6	<0.5	<0.2
REP 1096307	QC	20	32	1.29	162	0.061	2	1.69	0.007	0.22	0.2	0.05	8.2	0.3	<0.05	6	<0.5	<0.2
1036775	Soil	14	22	0.34	90	0.024	2	0.99	0.005	0.04	0.2	0.03	1.2	0.1	<0.05	3	<0.5	<0.2
REP 1036775	QC	14	23	0.36	91	0.024	1	1.07	0.005	0.05	0.2	0.04	1.2	0.1	<0.05	3	<0.5	<0.2
1098477	Soil	30	21	0.42	125	0.021	<1	1.14	0.004	0.08	0.2	0.03	1.1	0.1	<0.05	4	<0.5	<0.2
REP 1098477	QC	29	20	0.41	127	0.020	<1	1.08	0.004	0.07	0.2	0.03	1.1	<0.1	0.06	4	<0.5	<0.2
1097008	Soil	30	24	0.45	158	0.024	<1	1.54	0.005	0.09	0.1	0.04	2.3	0.2	<0.05	5	<0.5	<0.2
REP 1097008	QC	29	24	0.45	159	0.024	1	1.55	0.005	0.09	0.2	0.05	2.4	0.2	<0.05	5	<0.5	<0.2
1096233	Soil	20	24	0.31	117	0.034	<1	1.23	0.005	0.05	0.3	0.02	1.7	0.1	<0.05	5	<0.5	<0.2
REP 1096233	QC	20	24	0.31	118	0.035	<1	1.14	0.005	0.05	0.3	0.03	1.6	0.1	<0.05	5	<0.5	<0.2
1097026	Soil	27	27	0.37	166	0.028	<1	1.25	0.007	0.10	0.2	0.07	3.1	0.1	<0.05	3	0.6	<0.2
REP 1097026	QC	25	26	0.36	166	0.026	1	1.22	0.007	0.10	0.3	0.06	2.9	0.1	<0.05	3	<0.5	<0.2
1096379	Soil	27	29	0.47	107	0.018	<1	1.70	0.007	0.04	0.1	0.04	1.4	0.1	<0.05	6	0.6	<0.2
REP 1096379	QC	26	28	0.44	106	0.018	<1	1.59	0.006	0.04	0.1	0.04	1.3	0.1	<0.05	5	0.7	<0.2
1110824	Soil	20	22	0.35	94	0.026	1	1.23	0.005	0.03	0.3	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
REP 1110824	QC	20	22	0.35	99	0.027	1	1.24	0.005	0.04	0.4	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1096361	Soil	27	20	0.34	70	0.023	<1	1.01	0.004	0.03	0.2	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
REP 1096361	QC	27	19	0.33	70	0.020	<1	1.05	0.003	0.03	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1098410	Soil	15	21	0.42	115	0.026	<1	1.19	0.005	0.04	0.2	0.02	1.7	0.1	<0.05	4	<0.5	<0.2
REP 1098410	QC	16	22	0.44	121	0.026	<1	1.23	0.005	0.04	0.1	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
1098404	Soil	23	24	0.46	154	0.044	<1	1.33	0.006	0.09	0.2	0.02	2.6	0.2	<0.05	3	<0.5	<0.2
REP 1098404	QC	21	24	0.46	152	0.039	<1	1.34	0.005	0.09	0.2	0.02	2.5	0.2	<0.05	3	<0.5	<0.2
1097105	Soil	15	20	0.36	76	0.023	2	1.21	0.004	0.05	0.1	0.03	1.1	0.1	<0.05	4	<0.5	<0.2
REP 1097105	QC	15	20	0.37	77	0.023	2	1.22	0.004	0.05	0.2	0.02	1.3	0.1	<0.05	4	0.8	<0.2
1097117	Soil	12	22	0.31	61	0.018	<1	1.08	0.004	0.04	0.1	0.05	0.8	0.1	<0.05	5	<0.5	<0.2
REP 1097117	QC	12	22	0.32	60	0.019	<1	1.05	0.004	0.04	0.2	0.04	0.8	0.1	<0.05	5	<0.5	<0.2

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Project: MHR
Report Date: September 15, 2011

QUALITY CONTROL REPORT DAW11000230.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1097113	Soil	0.9	9.1	19.9	33	<0.1	8.9	3.8	162	1.78	13.1	0.7	1.3	0.2	10	0.1	2.0	0.3	39	0.06	0.046
REP 1097113	QC	1.0	8.2	18.7	31	<0.1	8.1	3.4	146	1.61	12.4	0.6	1.0	0.2	10	<0.1	1.9	0.2	37	0.06	0.043
1151039	Soil	0.8	21.6	12.3	50	<0.1	16.3	7.9	251	2.38	11.0	0.9	1.9	7.2	11	0.3	0.9	0.2	25	0.06	0.040
REP 1151039	QC	0.8	22.4	13.1	53	<0.1	17.6	8.4	257	2.44	10.7	0.9	1.6	7.2	11	0.2	0.9	0.3	26	0.06	0.041
1110983	Soil	1.0	26.5	12.3	65	0.1	21.5	7.8	164	2.21	12.1	0.7	3.2	4.5	23	0.4	1.4	0.2	38	0.31	0.081
REP 1110983	QC	1.0	26.9	12.3	68	0.1	22.0	7.9	166	2.25	12.7	0.7	6.8	4.6	24	0.3	1.5	0.2	39	0.32	0.083
1110974	Soil	0.8	22.7	28.2	63	0.2	24.1	8.8	222	2.80	57.0	0.7	8.6	4.0	38	0.2	8.1	0.3	25	0.10	0.054
REP 1110974	QC	0.8	22.7	27.3	62	0.2	23.0	8.5	223	2.71	55.4	0.7	6.7	3.8	37	0.2	8.0	0.2	23	0.09	0.055
Reference Materials																					
STD DS8	Standard	11.6	107.4	128.9	312	1.9	36.1	7.8	585	2.44	26.1	2.7	121.3	6.5	66	2.2	5.6	7.7	38	0.67	0.081
STD DS8	Standard	13.1	114.0	124.6	317	1.8	38.6	7.8	620	2.46	24.4	3.0	126.9	7.4	69	2.5	5.5	7.0	42	0.69	0.077
STD DS8	Standard	13.4	125.7	130.6	323	1.7	39.7	7.8	608	2.52	26.0	3.2	120.5	8.3	77	2.4	6.2	7.9	43	0.69	0.083
STD DS8	Standard	13.0	108.4	129.6	315	1.9	38.5	7.6	618	2.51	26.3	2.7	114.2	6.5	66	2.5	5.2	6.7	44	0.68	0.083
STD DS8	Standard	12.6	121.9	126.4	326	1.9	40.1	7.5	601	2.37	25.2	2.9	131.8	6.8	69	2.8	5.7	7.2	44	0.71	0.087
STD DS8	Standard	13.1	118.6	130.0	314	1.9	35.8	7.2	604	2.41	25.9	3.2	137.3	7.9	80	2.6	6.4	7.7	41	0.68	0.085
STD DS8	Standard	12.6	122.6	138.1	328	1.8	37.0	7.3	608	2.43	26.5	3.3	123.5	8.2	76	2.5	6.3	7.5	41	0.66	0.085
STD DS8	Standard	13.5	110.1	127.7	315	1.8	38.9	8.0	624	2.53	26.4	2.7	125.0	6.6	64	2.4	5.4	6.7	43	0.72	0.085
STD DS8	Standard	13.2	101.3	121.2	301	1.8	38.9	7.5	627	2.43	23.8	2.7	112.6	6.8	60	2.2	5.3	6.0	42	0.68	0.075
STD DS8	Standard	13.1	110.8	119.3	303	1.7	39.2	7.6	590	2.40	25.2	2.7	114.7	6.5	70	2.5	5.8	7.2	44	0.70	0.080
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: MHR
Report Date: September 15, 2011

QUALITY CONTROL REPORT DAW11000230.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1097113	Soil	13	21	0.26	83	0.017	1	0.92	0.006	0.04	0.1	0.03	0.7	0.2	<0.05	5	<0.5	<0.2
REP 1097113	QC	13	19	0.25	79	0.018	1	0.94	0.006	0.04	0.1	0.02	0.7	0.2	<0.05	5	<0.5	<0.2
1151039	Soil	22	17	0.35	60	0.026	<1	1.24	0.004	0.03	0.1	0.01	1.8	0.1	<0.05	3	<0.5	<0.2
REP 1151039	QC	21	18	0.35	63	0.025	<1	1.19	0.004	0.03	0.2	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1110983	Soil	16	22	0.37	240	0.038	1	0.90	0.009	0.05	0.3	0.04	2.9	0.1	0.07	3	0.7	<0.2
REP 1110983	QC	16	24	0.39	243	0.039	1	0.94	0.009	0.05	0.3	0.04	2.9	<0.1	0.08	3	0.8	<0.2
1110974	Soil	25	15	0.18	107	0.014	1	0.82	0.005	0.06	0.2	0.03	1.7	0.1	0.08	3	<0.5	<0.2
REP 1110974	QC	25	15	0.17	111	0.015	<1	0.83	0.005	0.06	0.1	0.02	1.6	<0.1	0.06	3	0.6	<0.2
Reference Materials																		
STD DS8	Standard	13	109	0.65	260	0.105	3	0.87	0.071	0.41	3.1	0.19	2.0	5.6	0.15	5	5.7	5.7
STD DS8	Standard	15	118	0.62	281	0.124	2	0.89	0.085	0.41	2.9	0.20	2.1	5.5	0.16	5	5.5	4.7
STD DS8	Standard	18	118	0.60	273	0.134	2	0.90	0.085	0.41	2.9	0.20	2.5	5.3	0.21	5	5.1	4.7
STD DS8	Standard	14	118	0.62	265	0.112	3	0.90	0.084	0.42	2.7	0.19	2.1	5.5	0.25	5	5.4	4.4
STD DS8	Standard	16	113	0.60	282	0.119	2	0.92	0.083	0.42	3.0	0.19	2.2	5.5	0.15	5	4.9	5.1
STD DS8	Standard	18	112	0.61	284	0.134	2	0.91	0.086	0.40	2.9	0.20	2.5	5.5	0.17	5	4.7	5.1
STD DS8	Standard	16	111	0.61	283	0.128	2	0.89	0.079	0.41	3.0	0.21	2.3	5.8	0.16	5	5.5	4.9
STD DS8	Standard	14	119	0.62	274	0.111	2	0.94	0.084	0.43	3.2	0.21	2.1	5.7	0.19	5	5.5	5.2
STD DS8	Standard	14	124	0.63	277	0.112	3	0.87	0.089	0.41	2.9	0.18	1.3	5.4	0.28	5	5.2	4.9
STD DS8	Standard	15	118	0.63	282	0.122	1	0.90	0.078	0.40	3.3	0.18	2.0	5.2	0.16	5	4.1	5.0
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Project: MHR
Report Date: September 15, 2011

QUALITY CONTROL REPORT DAW11000230.1

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

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Project: MHR
Report Date: September 15, 2011

QUALITY CONTROL REPORT DAW11000230.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 16, 2011
Report Date: September 19, 2011
Page: 1 of 11

CERTIFICATE OF ANALYSIS DAW11000231.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-05
P.O. Number
Number of Samples: 294

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	294	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	294	Dry at 60C			WHI
1DX2	294	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000231.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096430	Soil	1.3	79.8	24.8	93	0.2	58.8	26.5	767	4.53	38.1	1.4	11.6	10.4	33	0.4	0.1	0.2	118	0.80	0.123
1096429	Soil	0.3	20.3	22.4	57	0.1	25.9	8.9	279	2.87	4.9	1.0	1.5	15.8	24	<0.1	0.2	0.2	18	0.35	0.041
1096427	Soil	0.9	26.6	20.0	60	0.1	44.7	15.1	637	3.46	26.6	0.8	<0.5	9.6	36	0.2	0.2	0.3	30	0.56	0.056
1096426	Soil	0.7	36.3	12.4	54	0.2	25.2	10.8	398	2.52	16.1	0.8	1.3	9.0	15	<0.1	0.3	0.3	27	0.12	0.039
1096425	Soil	0.8	46.0	14.0	55	<0.1	28.5	11.1	421	2.55	18.3	0.9	14.6	11.6	14	<0.1	0.4	0.4	25	0.12	0.035
1096433	Soil	0.7	18.4	32.9	88	0.3	19.9	10.5	525	2.22	61.4	1.3	52.6	4.5	11	0.4	0.9	0.3	19	0.15	0.055
1096428	Soil	0.2	33.8	31.5	97	<0.1	37.4	15.0	661	4.23	3.3	1.5	1.7	23.5	23	0.1	0.1	0.3	36	0.72	0.074
1096412	Soil	0.8	23.2	9.8	54	<0.1	20.5	7.4	306	2.06	7.7	1.2	3.3	5.2	11	0.3	0.6	0.2	28	0.12	0.049
1096411	Soil	0.8	23.9	10.0	60	<0.1	20.2	7.5	305	2.14	8.0	1.2	1.0	4.7	11	0.3	0.6	0.2	28	0.12	0.048
1096410	Soil	0.7	15.1	9.8	40	<0.1	12.2	4.7	189	1.99	8.5	0.8	1.0	3.1	6	0.1	0.4	0.2	26	0.05	0.030
1096408	Soil	0.8	14.1	9.7	48	0.1	11.6	5.5	285	2.03	8.4	0.8	5.8	0.6	7	0.2	0.6	0.2	34	0.06	0.050
1096409	Soil	1.1	15.8	12.2	45	<0.1	12.5	5.9	224	2.83	10.6	0.7	<0.5	3.4	7	0.1	0.6	0.2	38	0.06	0.035
1096407	Soil	1.0	21.6	10.1	48	0.1	14.8	5.2	190	2.34	9.1	1.1	2.1	2.0	7	0.2	0.5	0.2	30	0.06	0.053
1096406	Soil	0.7	22.4	8.4	45	<0.1	13.2	4.9	189	2.20	7.9	1.0	3.1	5.2	7	0.2	0.6	0.2	24	0.06	0.034
1096405	Soil	1.0	25.6	9.0	55	<0.1	16.5	5.5	198	2.31	7.8	1.0	7.5	6.0	11	0.2	0.7	0.2	27	0.12	0.057
1096403	Soil	1.0	25.3	10.7	55	<0.1	13.3	5.0	199	2.50	8.6	1.1	1.8	4.6	7	0.1	0.5	0.3	27	0.05	0.038
1198985	Soil	0.7	19.6	14.6	52	0.1	21.6	8.0	323	2.41	24.6	0.8	1.8	2.2	9	0.2	0.6	0.3	29	0.07	0.028
1198976	Soil	0.7	18.0	16.5	47	<0.1	14.6	4.9	179	2.05	12.1	0.8	3.8	1.5	9	0.1	0.5	0.2	29	0.09	0.049
1198978	Soil	0.8	27.3	12.8	58	<0.1	25.4	10.1	408	2.65	15.2	1.4	2.1	3.6	10	0.2	0.6	0.2	31	0.10	0.058
1198975	Soil	0.6	18.8	11.5	50	<0.1	19.7	8.8	317	2.22	11.5	0.6	1.8	4.0	10	0.2	0.6	0.1	28	0.11	0.047
1198977	Soil	0.9	26.6	14.3	59	0.1	20.3	7.9	324	2.58	14.6	1.4	3.4	3.1	10	0.1	0.6	0.2	37	0.11	0.060
1198980	Soil	0.8	35.2	14.2	59	0.1	27.7	11.1	375	2.41	15.2	1.2	6.7	6.8	15	0.2	0.7	0.2	31	0.22	0.078
1198984	Soil	1.0	19.7	10.9	53	<0.1	22.3	8.8	313	2.33	14.4	0.8	2.5	3.7	10	0.4	0.7	0.2	34	0.10	0.035
1198983	Soil	0.9	27.5	18.0	63	0.1	24.6	9.7	373	2.38	28.6	1.4	3.4	5.9	12	0.2	0.7	0.2	32	0.14	0.062
1198986	Soil	0.7	18.7	15.6	69	<0.1	21.2	9.4	462	2.26	16.0	0.8	5.7	1.8	8	0.3	0.7	0.2	27	0.09	0.048
1198982	Soil	0.8	27.6	23.0	80	<0.1	36.6	15.8	874	2.94	32.8	1.5	7.7	8.4	13	0.3	1.9	0.3	19	0.17	0.094
1198979	Soil	0.9	29.0	14.9	66	0.1	29.5	10.1	609	2.65	16.4	1.5	6.7	8.6	12	0.1	0.5	0.2	31	0.16	0.071
1096404	Soil	1.1	22.5	10.0	51	<0.1	12.7	3.9	180	2.51	8.1	1.0	1.6	2.5	8	<0.1	0.6	0.3	29	0.05	0.040
1198981	Soil	0.9	21.8	17.2	54	<0.1	20.5	7.2	303	2.31	17.5	0.9	18.5	2.1	9	0.1	0.7	0.2	30	0.07	0.040
1096402	Soil	1.0	32.2	11.9	52	<0.1	11.8	4.0	172	2.79	8.4	1.6	36.4	7.3	8	<0.1	0.4	0.3	22	0.03	0.036

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Project: MHR
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000231.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096430	Soil	70	82	2.34	258	0.090	2	2.74	0.004	0.31	<0.1	0.02	8.3	0.3	<0.05	10	0.7	<0.2
1096429	Soil	49	20	0.44	128	0.059	<1	1.11	0.005	0.28	<0.1	0.02	1.8	0.3	<0.05	4	<0.5	<0.2
1096427	Soil	40	31	0.44	128	0.005	2	1.40	0.003	0.03	0.1	0.02	3.6	0.3	<0.05	4	<0.5	<0.2
1096426	Soil	28	24	0.46	105	0.023	1	1.27	0.005	0.06	0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1096425	Soil	39	30	0.49	128	0.016	1	1.32	0.004	0.05	0.1	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1096433	Soil	19	18	0.40	64	0.013	<1	0.85	0.003	0.04	0.5	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1096428	Soil	79	49	0.98	200	0.106	<1	2.39	0.012	0.63	<0.1	<0.01	4.4	0.5	<0.05	8	<0.5	<0.2
1096412	Soil	25	19	0.36	149	0.029	<1	0.92	0.004	0.04	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1096411	Soil	26	19	0.37	131	0.027	1	0.96	0.004	0.04	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1096410	Soil	25	18	0.30	67	0.016	1	0.98	0.003	0.03	0.1	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1096408	Soil	14	20	0.30	77	0.016	<1	1.00	0.004	0.03	0.1	0.05	0.9	<0.1	<0.05	4	<0.5	<0.2
1096409	Soil	21	20	0.30	54	0.029	1	0.96	0.004	0.03	0.2	0.03	1.2	<0.1	<0.05	5	0.6	<0.2
1096407	Soil	26	21	0.33	64	0.017	<1	1.11	0.003	0.03	0.1	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1096406	Soil	25	17	0.32	67	0.019	<1	0.87	0.003	0.03	0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1096405	Soil	25	18	0.33	61	0.026	<1	0.83	0.004	0.03	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1096403	Soil	29	18	0.40	61	0.016	<1	1.17	0.003	0.03	<0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1198985	Soil	19	19	0.35	81	0.018	<1	1.09	0.004	0.05	0.1	0.04	1.2	<0.1	<0.05	4	<0.5	<0.2
1198976	Soil	17	19	0.35	66	0.019	<1	1.16	0.004	0.04	0.1	0.03	1.3	0.2	<0.05	4	<0.5	<0.2
1198978	Soil	25	21	0.43	107	0.020	1	1.19	0.004	0.03	0.2	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1198975	Soil	17	18	0.38	67	0.026	<1	1.10	0.004	0.05	0.1	0.03	1.4	0.1	<0.05	3	<0.5	<0.2
1198977	Soil	21	24	0.43	92	0.031	<1	1.36	0.005	0.04	0.3	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
1198980	Soil	26	19	0.38	69	0.029	<1	0.88	0.005	0.03	0.5	0.05	1.4	<0.1	<0.05	3	<0.5	<0.2
1198984	Soil	18	20	0.39	78	0.032	<1	1.23	0.005	0.04	0.2	0.02	1.6	<0.1	<0.05	3	0.7	<0.2
1198983	Soil	21	19	0.38	72	0.028	2	1.06	0.004	0.04	0.3	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1198986	Soil	15	20	0.36	71	0.024	<1	1.13	0.004	0.05	0.2	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1198982	Soil	42	20	0.33	114	0.011	<1	1.04	0.004	0.09	0.1	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1198979	Soil	31	22	0.64	104	0.023	<1	1.29	0.003	0.08	0.2	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
1096404	Soil	27	20	0.37	60	0.016	<1	1.09	0.003	0.03	0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
1198981	Soil	18	20	0.34	82	0.019	2	1.14	0.004	0.03	0.2	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1096402	Soil	44	18	0.43	51	0.013	<1	1.21	0.002	0.02	<0.1	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096401	Soil	1.1	22.1	11.3	51	<0.1	14.7	5.2	209	2.48	11.0	1.0	2.1	2.4	9	0.2	0.6	0.3	30	0.06	0.042
1151102	Soil	0.8	19.0	14.6	64	0.1	17.7	7.0	337	1.94	7.7	0.8	2.4	3.0	14	0.3	0.6	0.2	26	0.15	0.049
1151099	Soil	0.7	19.7	48.2	96	0.4	19.5	8.0	300	2.03	7.0	1.2	3.2	3.8	17	0.6	0.7	0.2	30	0.17	0.048
1151103	Soil	0.9	17.0	15.0	57	0.1	14.9	5.5	268	1.98	7.1	1.0	3.3	1.4	11	0.2	0.5	0.2	27	0.09	0.051
1151101	Soil	0.9	27.9	30.8	80	0.2	24.7	9.2	351	2.57	11.4	1.1	1.7	9.0	18	0.4	1.2	0.3	24	0.17	0.052
1151100	Soil	0.9	17.6	18.6	63	0.1	17.0	6.4	267	1.96	9.1	0.8	3.6	2.6	13	0.4	0.6	0.2	29	0.13	0.048
1151093	Soil	0.9	20.0	14.8	53	<0.1	18.7	7.3	236	2.01	11.4	1.2	4.3	2.2	13	0.2	0.7	0.3	29	0.09	0.051
1151094	Soil	1.1	23.3	15.9	63	0.1	20.3	7.4	308	2.19	9.5	1.6	3.4	1.8	17	0.3	0.7	0.3	31	0.12	0.055
1151096	Soil	1.0	26.2	40.3	90	0.3	24.6	12.1	334	2.62	9.1	1.6	2.2	13.2	23	0.4	0.9	0.4	26	0.14	0.048
1151095	Soil	0.9	21.1	27.2	64	0.2	18.5	6.6	210	2.03	9.0	1.3	2.6	2.9	14	0.1	0.7	0.3	30	0.12	0.055
1151098	Soil	1.0	17.0	64.6	107	0.7	21.4	8.0	223	2.38	16.9	1.6	6.4	5.3	25	0.8	0.8	0.4	38	0.20	0.060
1151097	Soil	1.5	39.8	61.6	118	0.4	29.8	16.2	593	3.26	10.5	2.8	2.6	15.0	26	0.4	1.2	0.5	38	0.17	0.060
1151091	Soil	1.0	18.8	18.2	46	0.1	14.1	7.2	227	2.10	6.9	1.3	3.7	4.3	12	<0.1	0.5	0.3	24	0.06	0.038
1151092	Soil	1.1	23.6	21.9	57	<0.1	15.3	7.9	270	2.63	9.4	1.4	3.5	5.3	15	<0.1	0.7	0.5	30	0.08	0.046
1151090	Soil	0.9	21.5	23.6	60	0.1	22.8	9.8	267	2.25	6.9	1.5	2.0	5.7	17	0.2	0.9	0.3	25	0.11	0.057
1151089	Soil	0.8	21.0	21.1	63	0.1	19.2	10.4	295	2.21	7.4	1.7	2.3	3.8	15	0.2	0.6	0.3	28	0.11	0.054
1151088	Soil	1.2	25.4	18.8	78	<0.1	24.6	9.7	298	2.44	9.0	1.5	6.8	5.6	20	0.3	0.9	0.3	33	0.17	0.069
1151087	Soil	1.1	26.0	29.4	82	0.2	24.0	10.3	270	2.49	8.1	2.0	3.0	9.4	20	0.2	0.9	0.4	31	0.16	0.056
1151086	Soil	1.2	32.5	41.1	87	0.3	27.3	12.3	373	2.98	11.4	2.4	3.1	12.6	23	0.2	0.9	0.5	29	0.15	0.052
1151081	Soil	0.8	23.1	21.3	73	<0.1	25.8	12.3	425	2.53	7.5	1.7	4.4	10.6	21	0.2	0.8	0.3	28	0.15	0.060
1151082	Soil	0.8	22.9	33.4	57	0.1	17.7	6.6	240	2.15	8.9	1.8	<0.5	2.1	12	0.2	0.9	0.3	24	0.05	0.051
1151083	Soil	0.7	46.9	46.1	92	0.2	130.0	24.5	605	3.71	39.4	2.6	1.9	14.0	42	0.4	2.5	0.5	45	0.30	0.070
1151084	Soil	1.1	35.7	37.5	91	0.3	33.8	12.9	351	3.16	9.9	3.0	2.8	9.3	24	0.3	1.0	0.5	31	0.15	0.060
1151085	Soil	1.0	41.0	35.9	103	0.3	38.8	12.6	229	2.92	9.0	3.0	4.6	9.7	31	0.4	1.1	0.5	43	0.25	0.067
1151080	Soil	0.8	21.1	18.8	48	0.2	21.1	10.0	420	1.93	4.8	3.5	1.2	5.1	49	0.1	0.4	0.3	22	0.42	0.057
1151078	Soil	0.9	20.4	15.9	52	<0.1	16.3	7.6	247	2.17	9.1	1.2	2.1	1.9	14	0.2	0.7	0.3	26	0.10	0.050
1151077	Soil	0.8	23.4	18.5	53	<0.1	16.9	7.9	231	2.11	5.7	1.7	1.7	2.4	15	<0.1	0.5	0.4	22	0.07	0.049
1151076	Soil	0.8	22.2	21.2	51	0.2	16.1	5.8	181	2.08	6.2	2.0	2.1	2.1	16	0.1	0.6	0.3	22	0.07	0.051
1151079	Soil	0.9	16.4	11.2	51	<0.1	16.4	6.6	227	1.91	9.7	1.1	2.4	2.2	16	0.2	0.8	0.2	31	0.14	0.057
1151075	Soil	0.9	22.7	14.6	63	<0.1	19.8	12.4	425	2.32	8.1	1.5	1.9	4.6	16	0.2	0.7	0.2	31	0.12	0.059

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600 - 666 Burrard St.
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Project: MHR
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000231.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096401	Soil	21	20	0.37	86	0.016	<1	1.14	0.003	0.03	0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1151102	Soil	16	19	0.37	151	0.024	1	0.94	0.004	0.03	0.2	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1151099	Soil	19	23	0.44	152	0.020	<1	1.17	0.008	0.03	0.2	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1151103	Soil	17	19	0.35	131	0.012	1	0.99	0.004	0.03	0.2	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1151101	Soil	23	27	0.46	169	0.037	<1	1.00	0.004	0.07	0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1151100	Soil	16	21	0.37	143	0.027	<1	1.02	0.004	0.04	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1151093	Soil	17	22	0.34	116	0.017	1	1.03	0.004	0.03	0.2	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1151094	Soil	18	20	0.34	247	0.025	2	1.14	0.006	0.04	0.2	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
1151096	Soil	37	29	0.56	131	0.038	1	1.19	0.004	0.07	0.2	0.02	2.0	0.1	<0.05	4	<0.5	<0.2
1151095	Soil	19	19	0.37	120	0.023	1	1.12	0.005	0.04	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1151098	Soil	22	26	0.50	130	0.032	2	1.38	0.010	0.05	0.2	0.05	2.1	0.1	<0.05	4	<0.5	<0.2
1151097	Soil	40	39	0.76	236	0.066	1	1.51	0.006	0.06	0.2	0.02	2.8	0.2	<0.05	5	<0.5	<0.2
1151091	Soil	25	20	0.32	51	0.016	1	0.97	0.004	0.03	0.1	0.02	0.9	<0.1	<0.05	4	<0.5	<0.2
1151092	Soil	25	22	0.41	76	0.024	1	1.19	0.006	0.03	0.2	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1151090	Soil	27	22	0.39	110	0.013	1	1.05	0.005	0.03	0.2	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
1151089	Soil	24	22	0.41	136	0.021	1	1.18	0.005	0.03	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1151088	Soil	26	24	0.45	152	0.035	<1	1.14	0.006	0.05	0.3	0.01	1.8	<0.1	<0.05	3	<0.5	<0.2
1151087	Soil	31	25	0.50	162	0.026	1	1.27	0.006	0.04	0.2	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1151086	Soil	40	41	0.68	142	0.028	1	1.45	0.005	0.04	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1151081	Soil	33	33	0.56	89	0.032	<1	1.18	0.005	0.04	0.3	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
1151082	Soil	25	22	0.37	58	0.012	<1	1.13	0.004	0.03	0.1	0.02	0.9	0.1	<0.05	4	<0.5	<0.2
1151083	Soil	46	232	1.23	113	0.007	1	1.69	0.003	0.03	<0.1	0.02	5.9	0.1	<0.05	4	<0.5	<0.2
1151084	Soil	38	37	0.69	171	0.024	1	1.55	0.005	0.06	0.3	0.03	2.4	0.2	<0.05	5	<0.5	<0.2
1151085	Soil	32	44	0.69	331	0.050	2	1.70	0.010	0.07	0.2	0.05	3.7	0.2	<0.05	5	<0.5	<0.2
1151080	Soil	21	17	0.38	90	0.011	<1	1.07	0.006	0.03	0.1	0.04	1.5	<0.1	0.06	3	0.5	<0.2
1151078	Soil	20	19	0.35	73	0.019	1	1.13	0.004	0.03	0.1	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1151077	Soil	26	19	0.39	75	0.014	<1	1.15	0.004	0.03	0.1	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
1151076	Soil	25	19	0.39	97	0.012	<1	1.17	0.006	0.04	0.1	0.04	1.0	<0.1	<0.05	4	<0.5	<0.2
1151079	Soil	17	19	0.34	81	0.029	<1	0.85	0.005	0.03	0.3	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1151075	Soil	24	19	0.41	99	0.027	1	1.08	0.005	0.04	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2

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Project: MHR
Report Date: September 19, 2011

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1037392	Soil		1.2	25.6	34.5	79	0.2	25.4	11.8	342	2.68	9.5	2.2	2.0	12.9	21	0.3	0.9	0.3	31	0.13	0.034
1037391	Soil		1.0	25.9	43.0	85	0.3	24.8	11.5	359	2.71	12.8	2.1	5.9	14.3	25	0.3	1.1	0.4	28	0.16	0.039
1037393	Soil		1.1	26.3	28.8	68	0.2	22.5	11.5	273	2.60	9.5	2.5	0.7	9.9	22	0.2	0.7	0.3	29	0.12	0.036
1037382	Soil		0.9	23.9	27.0	50	0.3	18.3	4.7	140	2.13	6.6	2.0	2.3	5.4	15	0.2	0.6	0.3	22	0.04	0.038
1037389	Soil		1.3	27.9	119.6	101	0.7	29.1	11.8	387	2.63	12.8	2.1	2.4	11.4	28	0.6	1.3	0.3	38	0.20	0.044
1037386	Soil		1.3	25.7	43.0	81	0.4	22.9	10.4	301	2.73	11.8	1.8	2.2	9.0	22	0.3	1.0	0.4	40	0.14	0.046
1037388	Soil		1.0	21.4	33.6	86	0.5	22.0	8.3	1235	2.29	10.1	2.1	1.5	5.2	23	0.4	0.9	0.4	32	0.21	0.054
1037387	Soil		0.8	26.6	30.5	73	0.3	25.7	11.3	289	2.62	8.7	2.0	2.7	11.6	18	0.3	0.9	0.3	32	0.10	0.039
1037390	Soil		1.1	27.8	136.1	108	0.7	29.7	12.3	406	2.65	11.6	2.1	4.2	12.7	28	0.6	1.3	0.3	36	0.20	0.044
1037379	Soil		0.8	25.8	21.2	56	0.2	19.1	6.4	171	2.22	7.7	1.8	1.6	6.7	16	0.2	0.7	0.3	26	0.08	0.038
1037384	Soil		1.0	26.1	44.1	64	0.4	21.3	9.4	243	2.37	9.3	2.2	2.2	8.3	15	0.3	0.8	0.3	25	0.06	0.034
1037381	Soil		1.0	33.0	38.4	67	0.4	31.1	8.1	229	2.61	7.8	3.0	2.1	8.6	24	0.3	1.0	0.4	22	0.11	0.043
1037385	Soil		1.0	26.0	36.3	68	0.2	21.8	13.7	419	2.43	9.9	1.6	5.5	5.7	18	0.3	1.1	0.4	27	0.13	0.050
1037383	Soil		1.1	33.6	29.6	79	0.2	31.5	10.5	319	3.07	7.7	2.1	<0.5	12.1	23	0.2	0.6	0.5	17	0.06	0.038
1037380	Soil		1.1	33.9	22.6	71	0.2	22.9	8.5	229	2.89	6.7	1.9	3.5	12.4	21	0.2	0.9	0.5	18	0.08	0.035
1037372	Soil		0.8	26.8	21.2	59	0.1	22.9	9.6	262	2.50	6.1	1.6	3.9	8.9	15	0.1	0.7	0.4	19	0.06	0.032
1037374	Soil		1.0	25.2	31.3	64	0.2	27.7	8.2	196	2.70	10.9	1.4	2.9	7.0	18	0.1	0.8	0.4	26	0.09	0.036
1037376	Soil		0.7	23.8	17.4	55	0.2	18.1	10.1	356	2.16	6.5	1.5	3.7	5.9	18	0.3	0.6	0.3	22	0.15	0.046
1037378	Soil		0.6	14.8	18.4	55	0.2	15.9	6.5	198	2.18	6.2	1.5	2.4	5.4	13	0.3	0.6	0.3	23	0.07	0.033
1037375	Soil		1.0	27.2	23.2	66	0.1	26.3	9.9	290	2.65	10.4	1.6	1.2	7.9	17	0.1	0.7	0.4	27	0.10	0.032
1149602	Soil		0.8	18.3	20.1	54	0.1	16.2	10.9	376	2.32	6.8	1.1	1.9	6.9	15	0.2	0.6	0.3	21	0.11	0.031
1037373	Soil		1.0	26.7	21.8	61	0.1	27.8	9.0	229	2.71	10.9	1.6	<0.5	4.7	14	0.1	0.9	0.4	29	0.07	0.045
1037370	Soil		1.0	26.3	19.6	64	0.2	22.6	9.1	274	2.48	8.5	1.5	1.7	6.5	11	0.1	0.8	0.3	30	0.06	0.030
1037369	Soil		0.8	30.0	31.4	80	0.3	29.9	21.4	767	3.00	10.7	2.6	7.4	9.9	18	0.4	1.1	0.4	17	0.13	0.054
1037371	Soil		1.5	35.5	26.6	74	0.2	19.1	12.0	349	3.50	8.0	2.1	1.5	10.0	23	0.2	0.6	0.6	26	0.07	0.047
1149601	Soil		1.2	28.5	26.4	63	0.2	23.5	8.0	215	2.70	8.9	2.1	2.3	7.5	18	0.1	0.8	0.4	28	0.09	0.035
1037377	Soil		1.0	23.8	21.6	59	0.2	20.7	7.7	221	2.30	7.7	1.7	8.0	4.4	15	0.1	0.8	0.3	24	0.10	0.039
1149820	Soil		0.7	21.1	10.3	42	<0.1	14.7	5.2	198	1.80	37.6	1.3	20.7	0.9	19	0.2	2.3	0.9	35	0.19	0.056
1149818	Soil		0.6	25.9	14.9	74	0.2	26.2	9.9	535	2.70	24.0	0.8	2.8	6.4	40	0.5	2.1	0.3	44	0.71	0.091
1149817	Soil		1.0	40.3	13.9	84	0.3	30.1	10.9	284	3.35	12.9	1.3	2.6	4.8	68	0.2	2.5	0.3	58	0.45	0.080

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1037392	Soil		36	22	0.52	154	0.037	<1	1.36	0.006	0.05	0.2	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1037391	Soil		37	27	0.57	135	0.045	<1	1.23	0.007	0.05	0.2	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
1037393	Soil		31	22	0.51	150	0.023	<1	1.37	0.006	0.04	0.1	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1037382	Soil		27	17	0.38	86	0.009	<1	1.13	0.005	0.03	<0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1037389	Soil		35	32	0.59	208	0.055	1	1.34	0.009	0.08	0.2	0.02	2.6	0.1	<0.05	4	<0.5	<0.2
1037386	Soil		26	31	0.57	175	0.045	1	1.43	0.007	0.06	0.2	0.03	2.6	0.1	<0.05	4	<0.5	<0.2
1037388	Soil		27	22	0.44	176	0.030	2	1.15	0.007	0.06	0.3	0.04	1.9	0.1	0.07	4	<0.5	<0.2
1037387	Soil		33	26	0.51	126	0.038	<1	1.23	0.005	0.05	0.2	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
1037390	Soil		35	30	0.57	202	0.057	<1	1.23	0.008	0.07	0.2	0.02	2.4	0.1	<0.05	4	<0.5	<0.2
1037379	Soil		27	20	0.42	120	0.017	<1	1.14	0.005	0.03	0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1037384	Soil		29	22	0.42	82	0.017	1	1.15	0.005	0.03	0.2	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1037381	Soil		32	21	0.45	121	0.010	<1	1.29	0.005	0.04	<0.1	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2
1037385	Soil		26	24	0.51	133	0.022	2	1.18	0.005	0.05	0.2	0.02	1.6	0.1	0.06	4	0.8	<0.2
1037383	Soil		39	22	0.61	74	0.005	1	1.31	0.004	0.04	<0.1	0.01	1.3	<0.1	0.06	4	0.6	<0.2
1037380	Soil		36	20	0.59	104	0.012	<1	1.26	0.005	0.03	0.1	<0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
1037372	Soil		33	20	0.50	79	0.011	1	1.09	0.004	0.02	<0.1	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1037374	Soil		28	30	0.54	124	0.011	1	1.34	0.005	0.04	0.1	0.03	1.8	<0.1	0.05	4	<0.5	<0.2
1037376	Soil		26	19	0.43	104	0.010	2	1.07	0.004	0.03	0.1	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1037378	Soil		22	18	0.41	93	0.010	<1	1.16	0.004	0.03	0.2	0.03	1.5	0.1	0.06	4	<0.5	<0.2
1037375	Soil		30	29	0.55	149	0.012	<1	1.33	0.005	0.03	0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
1149602	Soil		30	19	0.46	83	0.008	<1	1.13	0.004	0.03	0.2	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1037373	Soil		26	27	0.48	125	0.014	<1	1.39	0.005	0.04	0.2	0.02	1.8	0.1	0.05	4	<0.5	<0.2
1037370	Soil		29	21	0.42	124	0.013	1	1.28	0.004	0.04	0.2	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
1037369	Soil		42	26	0.65	125	0.007	<1	1.41	0.004	0.04	0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1037371	Soil		38	23	0.58	105	0.011	<1	1.45	0.006	0.03	0.1	0.03	1.3	<0.1	0.05	5	<0.5	<0.2
1149601	Soil		30	22	0.51	149	0.013	1	1.42	0.005	0.04	0.2	0.03	1.8	<0.1	<0.05	4	0.8	<0.2
1037377	Soil		25	17	0.44	147	0.011	1	1.22	0.004	0.04	0.2	0.04	1.7	0.1	<0.05	4	<0.5	<0.2
1149820	Soil		17	22	0.33	255	0.029	<1	1.17	0.006	0.06	0.4	0.05	1.5	0.2	<0.05	4	0.6	<0.2
1149818	Soil		26	36	0.80	558	0.058	<1	1.53	0.016	0.24	0.4	0.04	4.8	0.2	<0.05	6	<0.5	<0.2
1149817	Soil		16	35	0.82	588	0.074	1	2.16	0.018	0.25	0.2	0.04	4.3	0.2	0.11	6	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000231.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1149821	Soil		0.7	19.4	10.4	41	<0.1	13.8	4.8	176	1.66	35.1	1.2	3.9	0.8	18	0.3	2.2	0.8	35	0.18	0.050
1149819	Soil		0.7	19.9	19.3	95	<0.1	21.2	9.0	790	2.36	29.5	0.9	1.7	4.5	39	0.5	2.7	0.5	41	0.40	0.082
1149816	Soil		2.8	99.2	14.1	151	0.4	44.3	9.8	362	2.82	16.4	2.7	10.3	5.9	56	0.9	2.1	0.3	136	0.56	0.183
1149798	Soil		2.2	89.6	31.2	123	0.7	29.5	9.7	379	2.52	42.9	3.0	9.0	5.0	39	0.7	3.0	0.5	70	0.36	0.114
1149800	Soil		2.4	71.7	22.8	118	0.7	28.0	11.1	618	2.87	58.8	4.2	15.4	2.1	32	0.6	2.4	0.9	63	0.26	0.099
1149803	Soil		1.9	177.8	18.3	129	0.8	38.9	9.6	334	2.27	11.9	2.4	5.8	2.6	46	0.7	3.0	0.2	82	0.29	0.094
1149795	Soil		0.5	20.6	16.9	75	0.2	25.9	11.2	724	2.56	15.6	1.2	1.4	2.9	91	0.6	1.2	0.3	49	1.02	0.113
1149801	Soil		2.5	52.9	15.1	97	0.4	28.4	9.0	386	2.38	23.6	3.3	8.2	4.1	32	0.4	2.3	0.4	61	0.33	0.119
1149797	Soil		2.1	11.6	21.1	46	0.2	11.6	5.7	211	2.67	19.5	0.8	<0.5	3.7	15	0.3	1.2	0.4	58	0.11	0.035
1149794	Soil		0.8	45.7	13.7	67	0.3	27.5	12.7	414	2.36	53.3	1.0	10.3	5.3	65	0.8	1.5	1.4	39	0.92	0.108
1149802	Soil		2.0	60.3	16.3	107	0.3	27.4	6.9	213	2.15	14.3	2.6	7.0	1.9	43	0.4	2.2	0.4	75	0.32	0.103
1149799	Soil		2.2	42.8	17.8	78	0.2	24.4	7.4	304	2.34	24.0	1.6	22.0	2.6	28	0.5	2.3	0.5	75	0.25	0.090
1149793	Soil		0.7	79.3	14.0	56	0.4	22.7	9.7	379	2.01	95.3	0.9	14.8	3.6	63	0.6	1.4	4.2	31	1.54	0.089
1149796	Soil		3.7	104.0	34.1	151	0.8	40.7	13.3	399	2.76	156.6	3.6	22.1	5.0	55	0.9	4.6	1.7	75	0.42	0.145
1149792	Soil		0.6	50.7	12.6	60	0.3	19.3	9.1	393	2.08	43.5	1.5	15.9	3.0	61	0.3	1.2	1.8	45	1.14	0.077
1149791	Soil		0.7	15.6	13.5	47	0.1	16.6	8.1	376	2.03	25.4	0.7	2.3	1.7	59	0.7	0.7	0.9	38	1.30	0.061
1149812	Soil		2.3	53.4	14.4	109	0.5	24.1	7.4	322	2.09	11.7	2.1	4.8	3.3	53	0.5	3.2	0.2	92	0.82	0.139
1149815	Soil		2.4	31.7	14.5	59	0.8	18.1	6.4	272	3.88	16.2	0.6	9.4	2.7	42	0.3	3.9	0.5	88	0.13	0.088
1149813	Soil		2.0	48.9	26.5	128	0.8	22.3	8.1	260	2.22	18.8	3.8	4.1	4.5	58	0.5	1.9	0.4	90	0.52	0.136
1149814	Soil		1.2	31.9	18.8	82	0.6	25.2	10.5	260	2.83	22.6	1.6	5.0	2.8	35	0.2	2.6	0.4	60	0.28	0.079
1149810	Soil		10.7	118.1	15.4	216	0.8	43.4	6.5	172	2.26	9.6	1.5	4.6	6.5	94	1.4	10.8	0.2	172	0.85	0.109
1149806	Soil		2.3	105.4	12.2	122	0.6	35.1	8.1	252	2.20	11.2	2.4	6.0	4.9	38	0.4	2.0	0.2	91	0.39	0.125
1149804	Soil		2.0	132.4	20.5	140	0.8	38.1	6.6	205	1.92	8.1	2.4	12.6	1.9	51	0.7	3.3	0.2	88	0.35	0.088
1149809	Soil		1.9	71.7	34.0	178	0.5	26.5	8.3	445	2.83	29.1	1.1	0.8	8.6	91	0.9	3.8	0.3	134	2.11	0.100
1149805	Soil		3.1	200.6	17.3	196	1.0	54.9	5.6	168	1.84	8.9	3.2	7.0	3.4	76	0.8	3.5	0.2	120	0.40	0.080
1149808	Soil		3.3	70.4	14.3	119	0.6	30.3	7.8	336	1.88	11.5	4.2	5.5	3.2	58	0.8	2.6	0.3	119	0.84	0.199
1149811	Soil		3.8	83.4	23.4	145	0.8	31.5	8.7	206	1.89	21.4	2.5	9.8	3.1	40	1.2	4.2	0.3	118	0.91	0.131
1149807	Soil		3.5	80.4	31.2	144	0.6	34.0	7.0	229	1.96	13.3	2.9	8.1	3.0	72	0.7	3.3	0.2	118	0.77	0.257
1110715	Soil		0.6	24.9	15.7	63	0.1	20.9	8.9	307	2.31	21.9	1.2	2.1	6.4	11	0.1	2.3	0.2	32	0.10	0.032
1110716	Soil		0.6	23.2	12.0	54	<0.1	18.4	7.0	227	2.27	13.6	1.0	2.5	3.3	12	0.1	1.0	0.2	37	0.11	0.041

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1149821	Soil	16	21	0.31	256	0.025	1	1.13	0.006	0.05	0.5	0.04	1.3	0.2	<0.05	4	0.6	<0.2
1149819	Soil	18	31	0.74	303	0.066	<1	1.95	0.018	0.15	0.5	0.03	3.4	0.2	<0.05	6	<0.5	<0.2
1149816	Soil	15	55	1.69	418	0.091	<1	2.94	0.016	0.22	0.2	0.03	4.4	0.4	<0.05	9	<0.5	<0.2
1149798	Soil	21	32	0.65	285	0.062	<1	1.74	0.012	0.12	0.6	0.06	3.0	0.3	<0.05	5	0.9	<0.2
1149800	Soil	20	33	0.58	228	0.039	<1	1.79	0.011	0.07	0.6	0.05	2.4	0.2	<0.05	6	1.3	<0.2
1149803	Soil	12	42	0.86	260	0.056	2	1.85	0.016	0.17	0.2	0.03	3.0	0.3	<0.05	6	1.6	<0.2
1149795	Soil	23	41	0.82	186	0.068	2	3.19	0.126	0.09	0.4	0.04	2.8	0.2	0.07	9	<0.5	<0.2
1149801	Soil	22	32	0.56	244	0.047	<1	1.50	0.010	0.07	0.8	0.04	2.6	0.2	<0.05	5	<0.5	<0.2
1149797	Soil	15	23	0.30	119	0.040	3	1.76	0.006	0.04	0.3	0.04	1.8	0.2	<0.05	6	<0.5	<0.2
1149794	Soil	21	23	0.37	201	0.040	<1	1.20	0.049	0.05	2.0	0.06	2.1	<0.1	<0.05	4	0.6	<0.2
1149802	Soil	16	31	0.71	228	0.052	2	1.65	0.011	0.09	0.3	0.05	2.3	0.2	<0.05	5	<0.5	<0.2
1149799	Soil	17	32	0.51	170	0.050	2	1.43	0.007	0.07	0.8	0.03	2.0	0.2	<0.05	6	<0.5	<0.2
1149793	Soil	21	20	0.41	197	0.032	2	1.39	0.049	0.05	0.9	0.05	2.0	0.1	0.07	4	<0.5	<0.2
1149796	Soil	18	36	0.67	233	0.057	2	1.92	0.019	0.14	0.7	0.06	2.7	0.2	0.08	6	0.8	<0.2
1149792	Soil	20	46	0.66	231	0.051	2	1.90	0.036	0.06	0.7	0.05	3.5	0.2	0.07	6	0.9	<0.2
1149791	Soil	15	22	0.39	209	0.030	4	2.04	0.033	0.04	0.3	0.04	2.1	0.1	0.06	6	<0.5	<0.2
1149812	Soil	13	35	0.97	250	0.049	3	1.54	0.009	0.12	0.2	0.06	3.4	0.2	0.07	5	1.4	<0.2
1149815	Soil	14	40	0.85	514	0.082	<1	2.32	0.013	0.23	0.2	0.07	3.4	0.5	0.13	9	0.8	<0.2
1149813	Soil	17	40	1.07	255	0.063	3	2.11	0.015	0.20	0.2	0.05	3.2	0.3	0.06	7	0.9	<0.2
1149814	Soil	23	38	0.71	430	0.053	2	2.04	0.010	0.12	0.2	0.05	3.6	0.4	<0.05	7	<0.5	<0.2
1149810	Soil	11	47	1.56	174	0.077	3	2.53	0.009	0.39	0.2	0.02	4.1	0.4	<0.05	8	1.2	<0.2
1149806	Soil	15	37	0.90	253	0.063	2	1.82	0.010	0.13	0.3	0.05	3.0	0.2	<0.05	5	0.9	<0.2
1149804	Soil	10	37	0.93	206	0.062	2	1.59	0.017	0.16	0.1	0.02	2.2	0.3	<0.05	5	1.5	<0.2
1149809	Soil	15	52	3.29	317	0.107	2	3.58	0.012	0.76	0.1	0.03	6.2	0.6	<0.05	13	0.7	<0.2
1149805	Soil	7	44	1.74	282	0.086	4	2.24	0.022	0.32	0.1	0.04	2.5	0.3	<0.05	7	2.5	<0.2
1149808	Soil	12	43	1.20	276	0.064	4	1.90	0.018	0.13	0.3	0.06	3.3	0.3	<0.05	6	1.9	<0.2
1149811	Soil	13	38	1.09	266	0.056	2	1.69	0.008	0.13	0.2	0.05	3.4	0.3	0.05	6	3.9	<0.2
1149807	Soil	13	41	1.23	239	0.062	3	1.90	0.018	0.15	0.3	0.02	2.8	0.3	<0.05	6	1.0	<0.2
1110715	Soil	27	20	0.37	224	0.039	<1	1.18	0.005	0.04	0.2	0.02	2.4	<0.1	<0.05	3	<0.5	<0.2
1110716	Soil	23	23	0.41	130	0.043	2	1.44	0.005	0.04	0.1	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1110717	Soil	0.6	21.6	14.4	65	0.1	19.5	9.3	326	2.27	14.8	1.1	3.3	5.4	11	0.2	1.0	0.2	32	0.10	0.032
1110714	Soil	0.7	19.8	15.3	53	<0.1	16.8	7.9	225	2.38	27.2	1.2	2.2	5.1	10	0.1	2.9	0.2	36	0.09	0.030
1110713	Soil	0.7	9.5	18.5	28	<0.1	8.7	3.2	97	1.96	13.9	0.8	1.3	1.6	8	<0.1	1.7	0.3	38	0.07	0.025
1110712	Soil	0.9	26.8	13.6	62	<0.1	20.9	8.2	306	2.15	11.6	0.9	5.5	4.7	21	0.2	0.9	0.2	37	0.21	0.048
1110711	Soil	0.7	20.6	17.1	52	0.1	15.1	5.4	188	2.31	23.7	1.3	4.2	6.1	9	<0.1	1.3	0.3	30	0.06	0.023
1110710	Soil	1.0	19.7	34.9	51	<0.1	12.9	4.8	137	2.40	83.8	1.6	4.6	3.7	8	0.1	2.2	0.3	32	0.05	0.033
1110709	Soil	0.6	17.2	22.8	48	0.2	12.2	4.5	141	1.92	31.9	1.2	5.0	4.1	8	<0.1	1.2	0.3	27	0.07	0.030
1110708	Soil	1.1	22.8	23.1	56	0.2	18.1	7.5	226	2.39	34.1	1.7	3.8	1.2	10	0.2	1.3	0.3	34	0.09	0.051
1110706	Soil	0.9	15.9	21.8	49	0.2	13.4	4.8	136	1.96	23.8	1.2	4.4	1.8	8	0.1	2.8	0.3	30	0.07	0.032
1110707	Soil	0.7	16.3	45.3	48	0.2	12.7	5.4	159	1.93	104.5	1.9	7.4	3.9	9	0.2	2.0	0.6	29	0.06	0.025
1144792	Soil	0.8	15.9	13.8	47	0.1	14.9	6.2	164	2.24	13.0	0.8	10.8	1.0	8	<0.1	1.4	0.2	28	0.07	0.033
1144788	Soil	1.3	17.6	19.2	35	<0.1	10.6	4.7	136	1.91	13.8	1.0	2.6	1.9	9	0.1	1.6	0.3	24	0.05	0.038
1144793	Soil	0.8	15.7	63.7	43	0.3	11.0	4.3	136	1.73	68.7	1.6	6.3	0.8	7	0.1	3.3	0.7	23	0.05	0.030
1144790	Soil	0.9	21.1	14.3	54	<0.1	20.7	8.4	242	2.47	25.7	1.0	2.7	2.2	10	<0.1	2.4	0.2	35	0.08	0.040
1144784	Soil	0.9	20.1	13.3	51	<0.1	16.7	5.7	162	2.40	12.3	1.1	1.4	2.8	9	<0.1	1.6	0.2	34	0.08	0.041
1144791	Soil	1.1	34.2	19.3	77	0.3	24.0	14.7	480	3.07	25.6	1.9	3.1	6.2	9	0.2	3.1	0.3	33	0.06	0.049
1144786	Soil	1.3	23.8	18.3	60	<0.1	20.9	8.1	198	3.08	16.6	1.3	1.6	1.9	8	0.1	2.4	0.4	37	0.06	0.050
1144789	Soil	0.9	22.9	18.5	63	<0.1	19.7	11.0	230	2.57	14.8	1.3	4.1	8.4	10	0.2	2.1	0.2	25	0.08	0.042
1144783	Soil	1.0	15.6	14.9	54	<0.1	13.5	7.4	249	2.62	14.7	1.2	1.1	1.0	9	0.1	1.8	0.3	35	0.08	0.048
1144787	Soil	0.6	24.6	14.7	66	<0.1	21.2	9.6	263	2.62	22.2	2.0	2.5	7.5	11	<0.1	2.3	0.3	28	0.08	0.029
1144785	Soil	1.0	18.3	16.0	57	<0.1	17.3	7.9	227	2.88	13.3	1.2	2.7	2.7	9	0.1	1.3	0.3	40	0.09	0.049
1144782	Soil	0.7	17.1	15.8	49	<0.1	15.6	6.3	191	2.10	19.7	1.5	9.4	1.5	10	0.2	0.9	0.3	37	0.11	0.052
1144800	Soil	0.8	16.3	14.1	51	<0.1	17.8	8.9	323	2.35	15.1	0.8	2.0	1.9	10	0.1	0.7	0.2	32	0.10	0.048
1144799	Soil	0.5	10.5	14.2	34	<0.1	11.0	5.4	180	2.22	18.4	0.8	2.2	1.3	8	<0.1	1.4	0.2	35	0.08	0.042
1144798	Soil	0.8	16.1	13.3	40	<0.1	13.6	4.9	111	2.19	17.2	0.8	3.5	1.5	9	0.1	1.3	0.4	37	0.09	0.061
1110705	Soil	0.7	19.8	10.8	51	<0.1	17.5	7.1	181	2.11	10.0	0.8	2.2	3.0	11	<0.1	0.6	0.3	42	0.09	0.028
1144797	Soil	0.7	18.3	10.5	45	<0.1	15.1	6.0	128	2.06	9.7	0.8	1.9	1.3	11	0.1	0.8	0.2	42	0.12	0.046
1144794	Soil	0.8	24.2	11.7	61	<0.1	19.6	8.4	200	2.39	14.2	0.9	3.0	2.2	9	0.1	0.8	0.3	39	0.10	0.052
1110718	Soil	0.7	21.5	10.9	53	<0.1	18.7	7.4	242	2.18	12.8	0.9	2.9	3.6	9	0.1	0.7	0.2	40	0.09	0.049
1144795	Soil	0.8	23.4	13.2	50	0.1	17.6	7.1	144	2.41	14.2	1.1	3.9	2.6	8	0.1	1.1	0.3	39	0.08	0.034

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000231.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1110717	Soil	27	20	0.41	238	0.041	<1	1.22	0.004	0.04	0.2	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
1110714	Soil	27	22	0.38	136	0.036	1	1.28	0.005	0.04	0.2	0.04	2.4	0.1	<0.05	3	<0.5	<0.2
1110713	Soil	21	20	0.21	96	0.026	1	1.03	0.004	0.03	0.1	0.02	1.1	0.1	<0.05	5	<0.5	<0.2
1110712	Soil	20	21	0.39	247	0.045	1	1.08	0.006	0.04	0.2	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
1110711	Soil	28	23	0.36	131	0.031	1	1.24	0.005	0.05	0.1	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
1110710	Soil	31	19	0.23	69	0.018	2	1.06	0.004	0.04	0.1	0.03	1.4	0.2	<0.05	4	<0.5	<0.2
1110709	Soil	28	16	0.30	98	0.018	<1	1.04	0.004	0.03	0.1	0.04	1.4	0.2	<0.05	3	<0.5	<0.2
1110708	Soil	19	21	0.34	112	0.020	2	1.26	0.005	0.04	0.1	0.03	1.7	0.2	<0.05	4	<0.5	<0.2
1110706	Soil	27	18	0.24	60	0.018	<1	0.83	0.004	0.03	0.1	0.05	1.2	0.3	<0.05	3	<0.5	<0.2
1110707	Soil	20	19	0.28	80	0.018	1	1.16	0.004	0.04	0.1	0.05	1.8	0.3	<0.05	3	<0.5	<0.2
1144792	Soil	20	18	0.26	67	0.015	<1	0.88	0.004	0.03	0.1	0.02	0.9	<0.1	<0.05	4	<0.5	<0.2
1144788	Soil	40	14	0.22	78	0.010	1	0.85	0.004	0.04	<0.1	0.03	1.1	0.1	<0.05	3	0.6	<0.2
1144793	Soil	16	14	0.21	52	0.010	2	0.87	0.004	0.04	0.1	0.03	0.7	0.3	<0.05	3	<0.5	<0.2
1144790	Soil	23	20	0.35	100	0.024	2	1.18	0.005	0.04	0.1	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
1144784	Soil	23	21	0.34	95	0.018	<1	1.15	0.005	0.04	0.1	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1144791	Soil	28	21	0.41	155	0.018	<1	1.37	0.004	0.04	0.1	0.06	2.8	0.1	<0.05	4	<0.5	<0.2
1144786	Soil	26	22	0.32	67	0.015	1	1.11	0.005	0.03	0.1	0.03	1.0	0.1	<0.05	5	<0.5	<0.2
1144789	Soil	32	18	0.29	74	0.015	2	1.10	0.004	0.04	0.1	0.03	1.7	0.1	<0.05	3	<0.5	<0.2
1144783	Soil	22	20	0.31	79	0.013	1	1.18	0.005	0.04	0.1	0.03	1.2	0.1	<0.05	4	<0.5	<0.2
1144787	Soil	28	18	0.34	166	0.025	1	1.05	0.005	0.04	0.2	0.03	2.5	0.1	<0.05	3	<0.5	<0.2
1144785	Soil	20	25	0.44	106	0.021	<1	1.54	0.005	0.04	0.2	0.02	1.8	0.1	<0.05	5	<0.5	<0.2
1144782	Soil	20	22	0.35	111	0.026	1	1.24	0.005	0.04	0.1	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1144800	Soil	22	21	0.37	75	0.018	1	1.22	0.004	0.04	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1144799	Soil	19	20	0.25	67	0.018	<1	1.00	0.003	0.04	<0.1	0.03	1.2	<0.1	<0.05	5	<0.5	<0.2
1144798	Soil	19	23	0.32	92	0.020	1	1.36	0.004	0.03	0.2	0.05	1.5	<0.1	<0.05	4	<0.5	<0.2
1110705	Soil	19	23	0.36	157	0.035	1	1.50	0.005	0.03	0.1	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
1144797	Soil	18	22	0.35	118	0.030	<1	1.36	0.005	0.03	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1144794	Soil	18	23	0.37	127	0.029	1	1.56	0.005	0.04	0.2	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1110718	Soil	19	24	0.37	172	0.033	<1	1.41	0.005	0.04	0.1	0.03	2.9	0.1	<0.05	4	<0.5	<0.2
1144795	Soil	24	23	0.37	128	0.028	<1	1.43	0.004	0.03	0.1	0.03	2.1	<0.1	<0.05	4	0.7	<0.2

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Project: MHR
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000231.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1144796	Soil	0.5	17.5	10.5	46	<0.1	14.7	5.4	102	2.01	9.9	0.9	3.3	1.1	10	<0.1	0.7	0.2	39	0.10	0.046
1068291	Soil	0.7	19.2	10.0	52	<0.1	16.3	6.4	156	2.13	9.1	1.0	4.5	2.3	12	0.1	0.5	0.3	42	0.14	0.057
1068283	Soil	1.1	29.4	13.3	83	0.2	22.2	11.4	242	2.67	17.1	1.8	4.5	4.1	12	0.3	0.7	0.3	39	0.11	0.085
1068288	Soil	0.7	19.2	11.1	53	<0.1	16.8	6.1	144	2.33	10.7	0.9	4.5	2.2	10	0.1	0.5	0.2	36	0.11	0.057
1068292	Soil	0.7	27.0	10.7	61	<0.1	22.1	8.2	222	2.38	9.3	0.9	2.4	3.5	12	0.1	0.5	0.2	42	0.14	0.053
1068282	Soil	0.9	27.9	12.5	80	0.2	21.6	10.7	221	2.54	15.8	1.6	3.6	4.3	12	0.3	0.7	0.2	39	0.13	0.077
1068274	Soil	0.8	25.2	9.0	48	<0.1	11.3	4.4	142	2.82	6.3	1.0	1.6	5.7	8	<0.1	0.4	0.3	26	0.05	0.047
1068275	Soil	0.8	26.1	10.4	54	<0.1	15.0	6.2	194	2.46	8.8	1.1	3.6	5.1	13	0.1	0.6	0.2	32	0.10	0.051
1068294	Soil	0.5	25.0	10.8	53	0.1	18.6	7.7	213	2.20	9.8	1.0	1.3	2.7	10	0.1	0.6	0.2	40	0.12	0.058
1068285	Soil	1.0	19.1	15.9	53	0.1	14.8	10.4	473	2.43	24.2	1.1	5.5	2.6	9	0.1	0.5	0.3	37	0.07	0.058
1068286	Soil	1.0	13.2	11.8	42	<0.1	11.7	4.7	124	2.08	9.6	0.9	2.5	1.1	8	0.1	0.4	0.2	36	0.07	0.045
1068287	Soil	1.0	16.8	11.7	50	0.1	14.7	5.9	154	2.51	11.6	1.0	2.5	1.2	10	0.1	0.5	0.2	45	0.09	0.055
1068273	Soil	0.8	19.8	10.6	49	<0.1	13.5	5.5	177	2.44	8.3	0.9	1.9	2.9	10	0.1	0.5	0.2	33	0.09	0.046
1068289	Soil	0.8	22.0	10.9	54	0.1	17.1	7.3	161	2.37	10.5	1.4	1.9	4.0	10	0.1	0.5	0.2	36	0.11	0.050
1068281	Soil	1.0	26.9	13.3	62	0.1	19.0	8.5	227	2.67	25.5	1.3	5.6	3.9	12	0.2	0.6	0.3	34	0.10	0.057
1068272	Soil	0.9	20.4	10.8	49	<0.1	15.1	6.2	181	2.47	9.9	1.0	<0.5	1.5	8	0.1	0.5	0.2	35	0.07	0.047
1068279	Soil	1.2	26.5	13.4	60	0.1	19.8	9.5	235	2.63	15.6	1.4	4.0	8.6	11	0.2	0.6	0.3	28	0.09	0.055
1068277	Soil	0.7	17.7	15.2	31	<0.1	8.5	3.9	82	1.70	11.0	1.0	1.3	4.1	7	<0.1	0.6	0.3	22	0.05	0.038
1068280	Soil	1.0	27.2	13.5	59	0.2	17.4	9.4	220	2.77	24.6	1.4	3.3	4.9	9	0.2	0.6	0.3	30	0.06	0.055
1068276	Soil	0.8	21.3	13.2	44	<0.1	11.9	5.6	130	2.19	11.8	1.1	1.8	4.6	9	<0.1	0.4	0.2	27	0.07	0.040
1068278	Soil	0.9	22.7	13.2	45	<0.1	14.2	6.6	161	2.21	13.5	1.2	2.7	5.0	8	0.1	0.7	0.3	26	0.06	0.041
1068290	Soil	0.7	21.9	9.6	56	<0.1	17.3	7.7	233	2.11	8.5	1.1	2.3	4.1	10	0.2	0.6	0.2	35	0.11	0.051
1068284	Soil	1.3	19.7	11.8	66	0.2	16.1	7.3	273	2.60	13.4	1.2	2.4	0.6	10	0.1	0.6	0.2	46	0.08	0.069
1068293	Soil	0.5	19.4	10.3	49	<0.1	17.3	6.6	202	2.07	7.5	0.7	1.4	1.8	11	<0.1	0.4	0.2	41	0.13	0.045
1096421	Soil	1.0	13.9	14.2	48	0.3	11.7	16.8	2258	1.80	7.3	0.5	0.5	0.4	14	1.0	0.3	0.2	39	0.11	0.044
1096424	Soil	0.8	22.9	14.6	55	<0.1	22.5	10.0	268	2.66	16.0	0.8	2.1	7.3	14	<0.1	0.3	0.2	37	0.12	0.032
1096418	Soil	0.7	17.1	14.1	46	<0.1	17.6	7.1	219	2.32	8.8	0.9	0.8	3.5	11	<0.1	0.4	0.3	37	0.09	0.037
1096422	Soil	0.7	45.4	32.6	75	<0.1	41.5	19.4	555	3.46	16.4	1.6	1.2	17.2	18	0.1	0.2	0.4	25	0.11	0.037
1096416	Soil	0.5	22.4	18.3	72	<0.1	27.0	13.2	654	2.79	11.0	1.2	2.7	9.8	16	0.2	0.4	0.3	30	0.16	0.072
1096414	Soil	0.7	24.2	8.6	55	<0.1	20.9	7.4	283	2.07	7.8	1.0	1.5	6.0	17	0.2	0.6	0.1	34	0.19	0.055

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1144796	Soil	16	23	0.33	104	0.025	<1	1.32	0.005	0.03	0.1	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1068291	Soil	19	24	0.42	120	0.035	1	1.45	0.005	0.04	0.2	0.03	2.5	0.1	<0.05	4	<0.5	<0.2
1068283	Soil	24	23	0.46	82	0.030	1	1.46	0.005	0.05	0.2	0.04	2.4	<0.1	<0.05	4	0.7	<0.2
1068288	Soil	22	22	0.40	65	0.026	<1	1.30	0.004	0.04	0.2	0.03	1.4	0.1	<0.05	4	<0.5	<0.2
1068292	Soil	22	25	0.47	120	0.041	1	1.46	0.005	0.05	0.2	0.02	2.7	0.1	<0.05	4	0.6	<0.2
1068282	Soil	23	22	0.44	77	0.032	1	1.38	0.004	0.05	0.2	0.03	2.3	0.1	<0.05	4	0.8	<0.2
1068274	Soil	31	21	0.60	69	0.010	<1	1.48	0.003	0.03	<0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1068275	Soil	29	21	0.49	96	0.023	1	1.36	0.004	0.04	0.1	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1068294	Soil	21	23	0.49	109	0.037	1	1.43	0.004	0.05	0.2	0.04	2.5	0.2	<0.05	4	<0.5	<0.2
1068285	Soil	26	23	0.30	72	0.024	<1	1.14	0.003	0.04	0.2	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1068286	Soil	23	19	0.25	60	0.016	<1	1.03	0.003	0.03	0.2	0.03	0.9	0.1	<0.05	4	<0.5	<0.2
1068287	Soil	21	25	0.37	109	0.024	<1	1.48	0.005	0.04	0.2	0.04	1.6	0.2	<0.05	5	<0.5	<0.2
1068273	Soil	24	21	0.47	82	0.019	1	1.44	0.004	0.03	0.1	0.02	1.3	0.1	<0.05	4	<0.5	<0.2
1068289	Soil	26	23	0.44	99	0.033	1	1.41	0.004	0.04	0.2	0.04	2.4	0.1	<0.05	4	<0.5	<0.2
1068281	Soil	31	22	0.44	82	0.023	1	1.39	0.006	0.05	0.1	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1068272	Soil	26	20	0.36	70	0.018	<1	1.27	0.003	0.03	0.1	0.03	1.2	0.1	<0.05	4	<0.5	<0.2
1068279	Soil	40	18	0.40	64	0.022	<1	1.17	0.004	0.04	0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1068277	Soil	36	13	0.23	55	0.012	<1	0.88	0.003	0.04	0.1	0.03	1.1	0.1	<0.05	3	<0.5	<0.2
1068280	Soil	33	20	0.38	61	0.015	<1	1.27	0.004	0.04	0.1	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
1068276	Soil	34	16	0.32	62	0.019	<1	1.08	0.003	0.04	0.1	0.03	1.3	0.1	<0.05	3	<0.5	<0.2
1068278	Soil	42	16	0.33	61	0.014	<1	1.07	0.003	0.05	<0.1	0.03	1.4	0.1	<0.05	3	<0.5	<0.2
1068290	Soil	23	20	0.37	125	0.041	1	1.25	0.004	0.04	0.1	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
1068284	Soil	17	26	0.41	75	0.026	<1	1.47	0.005	0.05	0.1	0.04	1.2	0.1	<0.05	5	0.7	<0.2
1068293	Soil	17	23	0.63	93	0.046	<1	1.60	0.004	0.07	0.1	0.03	1.9	0.2	<0.05	5	<0.5	<0.2
1096421	Soil	18	21	0.21	216	0.024	1	1.12	0.005	0.07	<0.1	0.03	0.9	0.1	<0.05	5	<0.5	<0.2
1096424	Soil	25	24	0.46	123	0.024	<1	1.55	0.005	0.07	0.2	0.01	1.9	0.1	<0.05	5	<0.5	<0.2
1096418	Soil	25	22	0.34	107	0.032	<1	1.23	0.005	0.06	0.1	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
1096422	Soil	60	25	0.56	146	0.013	<1	1.65	0.004	0.09	<0.1	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
1096416	Soil	34	21	0.70	186	0.043	1	1.71	0.004	0.09	<0.1	<0.01	2.4	0.1	<0.05	4	<0.5	<0.2
1096414	Soil	26	19	0.41	271	0.044	<1	0.98	0.005	0.04	0.2	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000231.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096413	Soil	0.8	27.4	13.2	59	<0.1	21.4	8.5	247	2.50	7.7	1.3	1.2	2.8	8	0.1	0.4	0.3	28	0.07	0.046
1096415	Soil	0.5	23.6	10.4	55	<0.1	21.5	9.7	335	2.20	6.2	0.9	4.0	6.9	12	0.2	0.4	0.2	25	0.13	0.048
1096420	Soil	0.8	17.2	13.4	51	<0.1	17.4	7.9	244	2.35	11.1	0.9	19.6	4.3	10	<0.1	0.5	0.2	34	0.10	0.038
1096423	Soil	0.9	24.8	14.8	55	0.1	22.9	9.9	256	2.69	16.7	0.8	0.7	6.9	14	<0.1	0.4	0.3	35	0.11	0.032
1096419	Soil	0.8	18.3	12.1	56	<0.1	18.5	8.4	311	2.29	10.8	0.8	0.6	3.1	12	0.1	0.4	0.2	38	0.12	0.048
1096417	Soil	0.8	22.2	13.9	61	<0.1	22.0	9.8	375	2.54	11.3	1.0	2.9	7.8	11	0.1	0.6	0.3	35	0.09	0.051
1198987	Soil	1.0	25.1	20.3	58	<0.1	20.6	8.7	306	2.67	19.4	0.9	2.6	3.0	10	0.2	0.6	0.3	42	0.09	0.043
1198989	Soil	0.9	23.4	17.6	79	<0.1	24.8	11.6	501	2.85	25.7	1.0	3.3	3.7	13	0.3	0.6	0.2	38	0.14	0.069
1198997	Soil	0.7	15.8	11.1	48	<0.1	15.6	5.5	197	1.99	11.3	0.8	2.3	0.9	9	<0.1	0.4	0.2	34	0.10	0.044
1198992	Soil	1.0	27.0	18.0	67	<0.1	18.8	9.5	374	2.64	15.2	1.1	1.5	1.0	9	0.2	0.6	0.2	44	0.08	0.054
1198998	Soil	0.8	15.0	11.9	46	<0.1	14.9	5.1	183	2.07	12.9	0.7	<0.5	0.9	9	0.1	0.4	0.2	37	0.09	0.044
1198988	Soil	0.9	24.3	17.5	61	<0.1	20.2	8.4	285	2.54	22.5	0.9	3.4	3.3	10	0.2	0.7	0.2	39	0.09	0.040
1198993	Soil	1.1	22.1	16.5	59	0.1	17.3	7.4	348	2.56	17.5	1.0	3.3	0.8	9	0.2	0.6	0.3	44	0.06	0.049
1198995	Soil	1.0	21.8	14.4	63	<0.1	18.7	8.2	310	2.44	16.0	1.1	2.1	2.5	10	0.3	0.7	0.2	42	0.10	0.053
1198991	Soil	0.7	18.6	11.9	61	<0.1	17.8	8.9	376	2.17	12.6	0.8	0.6	2.6	12	0.2	0.6	0.2	34	0.13	0.062
1198990	Soil	1.0	21.3	14.7	69	<0.1	20.5	12.0	456	2.70	17.5	1.1	<0.5	1.8	11	0.3	0.7	0.2	43	0.10	0.068
1198996	Soil	1.1	21.4	13.8	57	<0.1	18.1	8.5	363	2.27	15.9	1.5	0.9	1.4	14	0.2	0.5	0.2	38	0.18	0.057
1198994	Soil	0.9	23.4	15.2	68	0.2	18.0	8.4	292	2.62	17.1	1.1	1.1	1.1	9	0.2	0.7	0.2	46	0.08	0.069
1151821	Soil	0.7	24.1	12.8	71	<0.1	25.4	12.0	540	2.33	20.0	0.9	4.7	5.3	14	0.3	0.6	0.2	35	0.17	0.066
1144779	Soil	0.7	24.5	22.0	79	<0.1	24.5	13.1	492	2.82	48.3	1.1	1.4	8.7	9	0.3	0.4	0.5	27	0.08	0.050
1151824	Soil	0.8	37.2	21.1	93	<0.1	32.2	16.6	759	3.41	39.2	1.3	13.8	8.6	14	0.1	0.6	0.3	39	0.13	0.055
1144780	Soil	0.9	20.4	12.5	58	<0.1	18.1	11.8	517	2.46	13.6	0.8	2.4	4.6	9	0.2	0.6	0.2	36	0.11	0.068
1144781	Soil	0.6	34.7	22.3	81	<0.1	32.6	16.5	893	2.97	39.0	1.1	4.5	10.2	14	0.2	0.5	0.4	31	0.14	0.069
1078058	Soil	1.3	31.2	36.5	93	0.1	32.2	13.8	563	3.27	13.8	1.2	2.8	9.1	32	0.3	4.3	0.3	42	0.24	0.046
1144777	Soil	0.8	21.6	19.0	59	<0.1	17.3	10.5	418	2.39	53.4	1.0	3.4	4.0	9	0.1	0.4	0.4	32	0.08	0.051
1198999	Soil	0.7	33.6	24.6	66	<0.1	32.0	18.5	712	2.60	19.7	1.2	<0.5	11.8	9	0.3	0.5	0.3	22	0.10	0.048
1151820	Soil	0.8	29.6	15.3	74	0.1	25.2	11.7	547	2.62	26.3	1.2	2.7	5.0	12	0.2	0.5	0.3	36	0.13	0.057
1199000	Soil	0.8	22.4	17.2	63	<0.1	20.1	13.8	581	2.71	62.8	0.9	4.1	3.8	9	0.2	0.7	0.4	34	0.08	0.062
1144778	Soil	0.6	23.6	20.0	78	<0.1	24.1	12.0	462	2.74	46.7	1.0	2.8	8.6	9	0.3	0.4	0.5	26	0.07	0.055
1110857	Soil	0.9	29.2	27.2	96	0.3	26.5	17.7	342	3.69	75.0	1.7	3.0	13.0	11	0.3	9.3	0.4	16	0.06	0.047

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Project: MHR
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096413	Soil	39	22	0.48	112	0.017	2	1.32	0.003	0.04	0.2	0.02	1.5	0.1	<0.05	4	<0.5	<0.2
1096415	Soil	35	19	0.43	122	0.028	2	1.01	0.004	0.04	0.1	0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
1096420	Soil	19	25	0.38	102	0.033	2	1.26	0.005	0.05	0.2	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1096423	Soil	24	24	0.44	121	0.016	1	1.42	0.005	0.06	0.1	0.02	1.7	0.1	<0.05	4	<0.5	<0.2
1096419	Soil	22	34	0.41	104	0.032	1	1.12	0.005	0.06	0.2	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1096417	Soil	25	22	0.41	101	0.037	2	1.27	0.006	0.05	0.2	0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
1198987	Soil	20	25	0.38	99	0.033	1	1.39	0.005	0.06	0.2	0.04	1.7	0.2	<0.05	4	<0.5	<0.2
1198989	Soil	24	24	0.58	100	0.038	1	1.54	0.005	0.08	0.3	0.04	2.0	0.1	<0.05	4	<0.5	<0.2
1198997	Soil	20	20	0.43	67	0.025	1	1.12	0.004	0.04	0.1	0.03	0.9	<0.1	<0.05	4	<0.5	<0.2
1198992	Soil	20	26	0.49	101	0.029	2	1.57	0.005	0.05	0.2	0.03	1.6	0.1	<0.05	5	<0.5	<0.2
1198998	Soil	22	22	0.40	70	0.023	1	1.16	0.004	0.05	0.2	0.02	1.0	0.1	<0.05	4	<0.5	<0.2
1198988	Soil	20	22	0.35	78	0.029	2	1.17	0.004	0.05	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1198993	Soil	19	24	0.41	88	0.023	<1	1.47	0.004	0.04	0.1	0.03	1.4	0.1	<0.05	5	<0.5	<0.2
1198995	Soil	19	25	0.42	101	0.040	2	1.42	0.006	0.04	0.2	0.02	2.2	0.1	<0.05	4	0.5	<0.2
1198991	Soil	19	20	0.35	72	0.038	2	0.99	0.005	0.04	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1198990	Soil	20	26	0.44	116	0.027	2	1.69	0.006	0.05	0.2	0.05	1.9	<0.1	<0.05	4	<0.5	<0.2
1198996	Soil	23	23	0.43	99	0.026	1	1.31	0.005	0.04	0.2	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
1198994	Soil	18	28	0.47	89	0.029	2	1.68	0.006	0.05	0.2	0.03	1.7	0.1	<0.05	5	0.5	<0.2
1151821	Soil	23	23	0.40	100	0.043	2	1.18	0.006	0.06	0.2	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1144779	Soil	29	20	0.42	85	0.027	1	1.45	0.004	0.06	0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1151824	Soil	28	31	0.71	173	0.058	1	1.90	0.006	0.26	0.1	0.03	3.7	0.2	<0.05	5	<0.5	<0.2
1144780	Soil	18	23	0.41	90	0.025	<1	1.45	0.006	0.05	0.2	0.02	2.1	<0.1	<0.05	4	0.5	<0.2
1144781	Soil	31	26	0.56	103	0.040	<1	1.50	0.005	0.11	0.1	0.02	2.4	0.2	<0.05	4	0.6	<0.2
1078058	Soil	32	35	0.52	165	0.037	1	1.34	0.006	0.11	0.1	0.02	3.7	0.2	<0.05	4	<0.5	<0.2
1144777	Soil	23	22	0.38	84	0.026	1	1.40	0.004	0.06	0.4	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
1198999	Soil	34	19	0.46	69	0.027	1	1.16	0.003	0.05	<0.1	0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
1151820	Soil	25	26	0.47	105	0.037	1	1.38	0.005	0.06	0.2	0.02	2.4	0.1	<0.05	4	<0.5	<0.2
1199000	Soil	17	22	0.43	81	0.021	<1	1.37	0.004	0.04	0.2	0.02	1.8	<0.1	<0.05	4	0.6	<0.2
1144778	Soil	25	20	0.44	86	0.026	<1	1.48	0.005	0.06	0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1110857	Soil	39	16	0.38	43	0.009	<1	0.82	0.003	0.04	<0.1	<0.01	1.3	0.1	<0.05	2	0.6	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1110855	Soil		1.3	48.9	26.2	86	0.5	33.4	16.8	573	4.77	45.4	1.5	<0.5	19.8	16	0.2	0.8	0.5	17	0.12	0.045
1110856	Soil		1.0	30.3	27.5	86	0.2	28.5	16.8	818	3.34	68.5	3.3	3.8	7.2	16	0.2	5.9	0.4	18	0.12	0.056
1110853	Soil		1.4	46.8	23.2	90	0.3	36.4	19.5	396	5.44	24.9	1.6	1.2	15.3	16	0.2	1.5	0.5	41	0.13	0.052
1110854	Soil		2.2	87.1	43.7	90	0.8	29.9	14.3	287	7.12	66.9	2.0	2.5	30.3	13	0.2	1.3	1.0	16	0.05	0.060
1110852	Soil		1.4	44.7	33.0	92	0.4	32.8	19.3	851	4.41	61.2	1.4	<0.5	12.7	13	0.2	1.0	0.6	19	0.09	0.050
1151549	Soil		0.7	78.3	44.5	121	1.2	60.9	31.2	935	4.33	89.5	2.5	7.1	15.8	29	0.5	1.6	0.5	12	0.37	0.094
1110851	Soil		2.2	66.9	38.2	91	0.4	31.9	22.2	746	6.49	39.9	1.4	2.2	18.7	25	0.4	1.1	0.9	14	0.27	0.065
1151546	Soil		0.7	25.6	20.9	62	0.6	23.9	10.8	404	2.50	35.1	1.4	3.3	7.0	36	0.1	1.6	0.3	16	0.43	0.049
1151545	Soil		0.9	18.9	17.5	68	0.3	18.2	11.2	545	2.37	23.0	1.2	2.9	1.4	21	0.1	1.4	0.3	28	0.23	0.051
1151548	Soil		0.9	66.3	44.2	102	0.4	48.2	32.3	1196	4.15	55.6	2.7	1.7	11.3	23	0.3	1.2	0.5	22	0.39	0.080
1151550	Soil		0.7	48.9	30.9	90	0.4	41.2	20.1	396	3.74	76.5	2.4	3.3	17.8	19	0.1	0.9	0.5	9	0.18	0.048
1151547	Soil		0.6	40.1	31.5	85	0.4	34.0	20.0	707	3.04	55.7	1.4	2.4	6.0	37	0.5	0.8	0.3	10	0.54	0.075
1151544	Soil		3.3	45.7	41.2	95	0.5	24.9	9.6	219	3.88	153.1	1.6	5.1	12.9	11	0.5	6.2	0.6	18	0.05	0.061
1151543	Soil		1.7	50.7	38.1	95	1.0	30.9	13.0	392	4.01	75.5	2.0	6.9	6.5	15	0.6	4.3	0.6	21	0.04	0.085
1151542	Soil		1.9	50.9	32.7	75	0.7	15.5	7.4	378	3.97	24.6	2.0	1.5	8.5	16	0.3	1.6	0.6	22	0.06	0.081
1151541	Soil		1.9	44.2	34.4	84	0.8	16.3	9.1	503	4.22	29.5	1.8	12.9	8.4	17	0.2	1.9	0.6	26	0.08	0.074
1151539	Soil		2.1	40.0	37.5	130	1.5	24.0	10.0	349	4.67	30.2	1.6	7.5	11.8	20	0.3	2.4	0.6	45	0.12	0.075
1151538	Soil		4.3	30.3	44.5	46	1.2	12.6	5.1	134	2.56	77.3	2.3	12.6	18.9	19	0.3	8.6	0.6	27	0.04	0.056
1151540	Soil		1.9	36.5	26.5	77	0.4	15.5	7.4	479	3.85	21.3	1.8	1.6	2.7	24	0.1	1.7	0.5	34	0.16	0.091
1151537	Soil		1.8	40.1	43.5	65	0.6	16.8	9.3	217	3.14	43.1	1.9	1.9	12.1	11	0.6	6.5	0.5	19	0.08	0.075
1151536	Soil		2.9	52.2	46.5	62	0.6	19.9	6.5	172	3.40	112.7	2.4	7.2	8.7	13	<0.1	13.6	0.9	16	0.02	0.093
1151535	Soil		1.9	64.0	65.7	139	0.8	33.5	12.9	624	5.81	199.7	3.0	7.8	24.3	15	0.2	5.1	1.2	14	0.05	0.083
1151534	Soil		1.9	66.2	82.9	114	0.8	20.0	8.0	225	6.21	570.2	3.8	11.5	27.8	11	0.1	3.9	1.6	14	0.02	0.064
1151533	Soil		1.3	51.5	22.9	120	0.9	63.2	28.8	644	4.45	213.0	2.5	11.6	22.9	31	0.2	4.5	0.6	8	0.11	0.041
1148743	Soil		0.7	9.8	14.1	37	<0.1	12.4	4.8	142	1.47	6.0	0.9	0.8	0.9	12	<0.1	0.3	0.2	24	0.10	0.051
1148739	Soil		0.9	17.6	16.8	63	<0.1	19.3	10.8	468	2.46	8.4	0.9	4.7	3.0	11	0.1	0.8	0.3	28	0.09	0.053
1148741	Soil		0.9	19.5	14.6	60	<0.1	18.2	10.9	343	2.26	8.4	1.3	22.5	2.9	14	0.2	0.6	0.3	29	0.12	0.051
1148740	Soil		0.8	21.0	14.9	52	0.2	19.8	8.8	383	1.95	9.0	1.1	4.0	2.9	18	0.2	0.7	0.2	28	0.18	0.060
1148742	Soil		0.8	17.7	16.8	57	0.1	18.8	13.5	361	2.16	6.8	1.3	4.9	5.0	17	<0.1	0.5	0.3	26	0.12	0.050
1148737	Soil		0.8	30.2	15.3	63	<0.1	25.8	11.2	459	2.50	11.6	1.0	2.9	4.4	15	0.2	1.6	0.2	34	0.17	0.067

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Project: MHR
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000231.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1110855	Soil		49	18	0.41	84	0.003	1	1.15	0.005	0.05	<0.1	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1110856	Soil		33	16	0.33	82	0.006	1	0.87	0.004	0.03	0.1	0.03	1.3	0.2	<0.05	3	<0.5	<0.2
1110853	Soil		47	17	0.51	55	0.004	<1	1.09	0.004	0.05	<0.1	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
1110854	Soil		51	24	0.60	37	0.002	<1	1.58	0.004	0.05	<0.1	0.01	1.3	<0.1	<0.05	5	0.9	<0.2
1110852	Soil		43	21	0.48	88	0.007	<1	1.21	0.006	0.06	<0.1	0.02	1.1	<0.1	<0.05	5	<0.5	<0.2
1151549	Soil		42	22	0.69	30	0.005	1	1.32	0.003	0.06	<0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1110851	Soil		27	20	0.41	67	0.004	3	1.07	0.006	0.05	<0.1	0.04	0.9	<0.1	<0.05	4	<0.5	<0.2
1151546	Soil		24	17	0.37	122	0.007	2	1.00	0.005	0.05	0.1	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
1151545	Soil		21	18	0.36	204	0.013	3	1.26	0.005	0.04	0.2	0.03	1.2	0.2	<0.05	3	<0.5	<0.2
1151548	Soil		30	34	0.69	55	0.014	2	1.36	0.005	0.05	0.2	0.03	2.2	<0.1	0.05	4	<0.5	<0.2
1151550	Soil		33	18	0.52	48	0.003	1	1.28	0.004	0.04	<0.1	0.05	1.1	<0.1	<0.05	4	<0.5	<0.2
1151547	Soil		16	17	0.48	43	0.004	2	0.95	0.004	0.05	<0.1	0.03	0.9	<0.1	0.11	3	<0.5	<0.2
1151544	Soil		44	15	0.19	67	0.004	<1	0.77	0.003	0.06	0.6	0.06	1.0	1.4	0.06	3	<0.5	<0.2
1151543	Soil		38	21	0.32	71	0.005	1	1.05	0.005	0.05	0.2	0.09	1.1	0.5	0.06	4	<0.5	<0.2
1151542	Soil		44	23	0.46	79	0.008	2	1.43	0.007	0.06	<0.1	0.04	1.2	0.1	0.06	5	<0.5	<0.2
1151541	Soil		34	29	0.45	120	0.011	1	1.31	0.007	0.06	<0.1	0.04	1.4	<0.1	0.05	5	<0.5	<0.2
1151539	Soil		35	39	0.36	241	0.010	<1	1.37	0.005	0.06	<0.1	0.04	1.9	0.1	<0.05	7	<0.5	<0.2
1151538	Soil		50	53	0.44	154	0.042	1	0.90	0.003	0.24	1.0	0.18	3.6	1.6	<0.05	3	<0.5	<0.2
1151540	Soil		33	34	0.40	212	0.012	2	1.25	0.007	0.07	<0.1	0.06	1.1	0.2	<0.05	6	<0.5	<0.2
1151537	Soil		43	17	0.10	87	0.006	<1	0.72	0.005	0.07	0.7	0.07	1.6	0.6	0.05	3	<0.5	<0.2
1151536	Soil		60	15	0.08	32	0.002	<1	0.55	0.003	0.05	0.9	0.09	1.1	2.0	<0.05	2	<0.5	<0.2
1151535	Soil		34	17	0.41	64	0.003	2	1.25	0.011	0.05	<0.1	0.05	1.3	0.3	0.06	4	<0.5	<0.2
1151534	Soil		36	19	0.43	43	0.002	<1	1.44	0.007	0.05	<0.1	0.03	1.4	0.3	<0.05	4	<0.5	<0.2
1151533	Soil		52	10	0.18	29	<0.001	2	0.44	0.004	0.06	<0.1	0.02	1.4	0.1	<0.05	2	<0.5	<0.2
1148743	Soil		16	17	0.30	67	0.015	2	0.80	0.004	0.03	0.2	0.02	0.8	<0.1	<0.05	3	<0.5	<0.2
1148739	Soil		21	20	0.40	57	0.021	<1	1.13	0.004	0.04	0.2	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1148741	Soil		19	20	0.40	107	0.020	<1	1.03	0.004	0.04	0.2	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1148740	Soil		18	18	0.36	108	0.022	1	0.90	0.004	0.03	0.2	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
1148742	Soil		24	20	0.44	93	0.016	1	1.11	0.004	0.03	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1148737	Soil		20	22	0.40	122	0.032	<1	1.03	0.005	0.05	0.2	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1148738	Soil		0.9	31.5	18.8	62	<0.1	33.4	13.7	281	2.88	10.2	2.2	3.1	9.0	17	<0.1	0.7	0.3	34	0.16	0.044
1148735	Soil		0.9	22.7	16.0	59	<0.1	19.8	8.1	342	2.22	11.1	0.9	16.0	2.3	14	0.2	1.2	0.2	33	0.14	0.057
1148736	Soil		0.8	22.6	16.7	60	<0.1	20.9	8.1	340	2.23	11.0	1.0	3.1	2.6	14	0.2	1.3	0.3	34	0.15	0.059
1148734	Soil		0.9	20.9	15.6	64	0.1	23.2	8.8	397	2.24	10.3	1.0	3.5	2.2	19	0.2	1.3	0.2	35	0.16	0.065
1078056	Soil		0.9	19.5	14.6	55	<0.1	16.7	8.4	284	2.23	9.1	0.7	3.9	1.6	10	0.1	1.3	0.2	42	0.09	0.040
1148733	Soil		0.7	11.0	13.8	43	<0.1	14.1	4.7	140	1.72	6.8	0.8	0.8	1.3	10	0.1	0.8	0.3	31	0.10	0.047
1148731	Soil		1.0	17.1	15.1	55	<0.1	19.1	7.5	374	2.42	11.7	1.0	4.8	2.0	12	0.1	2.6	0.3	33	0.12	0.055
1148727	Soil		1.0	25.5	21.8	58	<0.1	25.8	12.0	497	3.06	15.7	0.8	4.7	5.4	12	0.2	5.5	0.3	41	0.10	0.046
1148732	Soil		1.0	16.5	16.1	45	0.1	14.8	6.2	307	1.87	8.4	0.9	3.1	0.5	14	0.2	1.4	0.3	32	0.13	0.060
1148730	Soil		0.9	16.3	16.6	57	<0.1	17.8	8.9	360	2.17	10.0	1.0	6.2	2.5	12	0.2	2.3	0.2	32	0.12	0.047
1148728	Soil		1.3	28.1	19.9	43	<0.1	19.8	10.4	777	2.70	11.4	0.7	2.7	2.4	14	<0.1	1.4	0.3	69	0.10	0.091
1078060	Soil		1.0	20.3	23.2	73	<0.1	23.0	12.8	485	2.61	9.6	1.0	3.5	5.3	25	0.2	1.5	0.3	32	0.10	0.049
1078053	Soil		1.0	12.0	19.1	46	<0.1	12.4	6.0	292	1.85	7.8	0.8	5.2	0.4	10	0.3	1.3	0.3	37	0.11	0.043
1078052	Soil		1.2	17.2	20.3	57	<0.1	16.4	7.8	316	2.13	10.0	0.9	33.2	1.2	9	0.2	2.0	0.2	38	0.10	0.056
1078051	Soil		0.9	17.7	21.4	64	<0.1	19.4	9.5	391	2.32	10.3	0.8	4.2	2.3	11	0.2	1.9	0.2	39	0.14	0.061
1078055	Soil		0.8	14.5	11.4	57	<0.1	15.5	7.5	317	1.90	9.2	0.6	3.9	1.3	9	0.2	0.8	0.1	33	0.12	0.054
1078059	Soil		1.1	17.7	128.5	102	<0.1	19.8	9.3	338	2.44	9.2	0.9	10.0	4.0	18	0.5	41.9	0.3	31	0.09	0.045
1078054	Soil		1.3	13.3	15.1	53	<0.1	15.0	6.8	354	1.95	8.3	0.7	13.8	0.9	14	0.3	1.4	0.2	40	0.16	0.050
1078057	Soil		1.8	24.3	26.8	77	0.2	30.6	12.8	578	3.26	9.5	0.9	2.8	4.9	30	0.2	3.1	0.2	50	0.32	0.054
1076439	Soil		1.2	20.9	20.3	55	<0.1	15.7	7.2	261	2.99	10.7	1.1	5.7	4.0	9	0.1	0.7	0.3	36	0.05	0.030
1076440	Soil		1.1	21.2	20.3	56	<0.1	15.1	7.1	257	2.92	10.6	1.2	12.4	4.5	9	0.1	0.7	0.3	32	0.04	0.030
1076438	Soil		1.1	18.1	14.7	61	<0.1	19.4	8.7	351	2.66	11.1	0.9	3.4	4.0	8	0.1	0.7	0.2	34	0.07	0.043
1076422	Soil		0.7	10.0	9.3	49	<0.1	15.9	9.4	350	2.13	10.5	0.5	2.5	2.0	7	0.1	0.5	0.1	33	0.08	0.043
1076421	Soil		1.1	15.3	13.4	50	<0.1	19.1	7.0	194	2.21	9.7	1.2	4.6	0.4	13	<0.1	0.5	0.2	39	0.15	0.058
1076420	Soil		1.3	21.2	20.0	66	<0.1	31.7	10.5	320	2.83	11.3	1.8	1.5	2.8	17	0.2	0.7	0.2	48	0.11	0.051
1076418	Soil		0.8	17.6	10.2	64	<0.1	20.8	8.5	320	2.07	10.2	0.7	8.1	2.0	10	0.2	0.6	0.1	34	0.13	0.059
1037499	Soil		1.1	38.6	15.8	84	<0.1	347.8	43.2	2577	5.00	247.4	1.0	2.1	2.1	29	0.6	0.8	0.2	65	0.16	0.083
1076424	Soil		1.0	19.6	14.9	47	<0.1	16.1	6.5	221	2.19	8.6	1.0	3.6	1.6	10	0.1	0.6	0.4	34	0.08	0.043
1076417	Soil		0.8	10.8	11.3	42	<0.1	15.2	6.8	270	2.22	11.1	0.7	1.7	0.3	7	0.1	0.5	0.2	41	0.06	0.034
1076416	Soil		1.7	82.3	19.5	67	0.1	654.7	79.1	1881	5.29	143.3	0.8	3.2	1.4	36	0.6	1.0	0.4	91	0.19	0.112

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1148738	Soil	20	24	0.50	139	0.020	<1	1.61	0.005	0.04	0.2	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
1148735	Soil	19	21	0.37	110	0.024	1	1.01	0.004	0.05	0.3	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1148736	Soil	21	22	0.40	117	0.025	<1	1.04	0.005	0.06	0.2	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1148734	Soil	18	29	0.38	180	0.020	<1	1.07	0.005	0.06	0.2	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
1078056	Soil	13	24	0.35	94	0.032	1	1.27	0.004	0.05	0.2	0.05	1.8	<0.1	<0.05	4	<0.5	<0.2
1148733	Soil	18	18	0.32	96	0.014	<1	0.99	0.004	0.04	0.3	0.03	1.2	0.1	<0.05	3	<0.5	<0.2
1148731	Soil	18	22	0.33	147	0.020	<1	1.12	0.005	0.06	0.2	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1148727	Soil	18	27	0.29	84	0.017	<1	0.97	0.004	0.07	0.1	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
1148732	Soil	15	18	0.27	123	0.016	<1	0.89	0.005	0.05	0.2	0.04	1.1	<0.1	<0.05	3	<0.5	<0.2
1148730	Soil	19	20	0.33	101	0.021	<1	1.02	0.004	0.05	0.2	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1148728	Soil	31	39	0.40	54	0.043	<1	0.97	0.005	0.12	0.4	0.04	1.8	0.2	<0.05	6	<0.5	<0.2
1078060	Soil	20	27	0.38	92	0.032	<1	0.95	0.005	0.09	0.2	0.02	1.7	0.1	<0.05	3	<0.5	<0.2
1078053	Soil	11	21	0.26	73	0.016	2	0.98	0.004	0.03	0.2	0.04	0.5	<0.1	0.11	4	<0.5	<0.2
1078052	Soil	12	21	0.30	82	0.019	2	1.16	0.004	0.04	0.3	0.04	0.9	<0.1	0.05	4	<0.5	<0.2
1078051	Soil	13	22	0.32	77	0.023	2	1.00	0.004	0.04	0.4	0.04	1.0	<0.1	<0.05	3	<0.5	<0.2
1078055	Soil	11	18	0.30	71	0.021	2	0.97	0.003	0.03	0.3	0.02	0.7	<0.1	<0.05	3	<0.5	<0.2
1078059	Soil	15	22	0.31	53	0.018	1	0.89	0.005	0.07	0.2	0.02	0.7	0.1	0.06	3	<0.5	<0.2
1078054	Soil	12	21	0.30	101	0.022	2	0.99	0.004	0.04	0.4	0.05	0.8	<0.1	<0.05	4	<0.5	<0.2
1078057	Soil	15	39	0.49	154	0.022	1	1.40	0.005	0.10	0.2	0.03	2.0	0.2	<0.05	5	<0.5	<0.2
1076439	Soil	21	23	0.40	61	0.019	1	1.21	0.004	0.03	0.2	0.02	0.8	<0.1	<0.05	4	<0.5	<0.2
1076440	Soil	20	22	0.41	57	0.016	<1	1.21	0.004	0.03	0.2	0.01	0.7	<0.1	<0.05	4	<0.5	<0.2
1076438	Soil	16	23	0.42	90	0.020	1	1.45	0.004	0.04	0.2	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
1076422	Soil	11	19	0.33	68	0.024	1	1.18	0.004	0.04	0.2	0.03	0.9	<0.1	<0.05	3	<0.5	<0.2
1076421	Soil	13	31	0.38	111	0.014	1	1.28	0.005	0.03	0.2	0.02	0.7	0.1	<0.05	4	<0.5	<0.2
1076420	Soil	18	60	0.56	111	0.036	1	1.51	0.005	0.06	0.3	0.02	1.4	0.2	<0.05	5	<0.5	<0.2
1076418	Soil	11	20	0.35	75	0.025	1	1.08	0.004	0.03	0.2	0.05	1.0	<0.1	<0.05	3	<0.5	<0.2
1037499	Soil	20	379	0.98	168	0.018	1	1.65	0.004	0.03	0.1	0.03	4.5	0.1	<0.05	5	<0.5	<0.2
1076424	Soil	19	18	0.34	74	0.021	1	1.18	0.004	0.04	0.2	0.03	0.9	0.2	<0.05	4	<0.5	<0.2
1076417	Soil	11	29	0.30	67	0.017	<1	1.17	0.003	0.03	0.2	0.04	0.5	0.1	<0.05	4	<0.5	<0.2
1076416	Soil	19	955	1.78	90	0.009	<1	1.96	0.004	0.02	<0.1	0.02	5.0	0.2	<0.05	5	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000231.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1037497	Soil	1.0	14.7	12.6	46	<0.1	12.8	4.9	172	2.30	9.0	1.0	2.2	1.2	7	0.1	0.6	0.2	32	0.04	0.035
1076425	Soil	0.8	13.4	9.8	47	<0.1	14.4	6.6	232	2.11	10.0	0.7	1.6	1.7	8	0.1	0.6	0.1	32	0.08	0.037
1076419	Soil	0.8	15.5	10.7	49	<0.1	18.1	7.4	246	2.09	9.8	1.0	4.2	0.6	13	0.1	0.6	0.2	38	0.11	0.046
1037498	Soil	0.8	32.6	12.0	80	<0.1	151.8	28.1	722	2.86	47.5	1.5	2.6	6.0	20	0.5	0.7	0.2	33	0.16	0.069
1037496	Soil	3.5	32.2	35.4	57	<0.1	9.8	6.0	379	3.21	6.6	1.5	3.1	4.5	12	<0.1	0.8	0.6	26	0.03	0.062
1037494	Soil	0.8	16.1	13.0	52	<0.1	18.3	8.3	297	2.30	10.5	0.8	5.4	2.4	8	0.2	0.7	0.2	33	0.08	0.038
1037500	Soil	0.9	56.3	20.9	85	<0.1	235.4	38.0	984	5.04	98.6	1.9	2.1	6.9	39	0.4	0.9	0.3	59	0.21	0.069
1076437	Soil	1.2	16.5	18.1	55	<0.1	15.6	7.3	296	2.63	11.2	1.2	1.9	2.7	9	0.2	0.6	0.2	39	0.08	0.044
1076436	Soil	1.1	15.5	17.0	59	<0.1	17.6	11.4	363	2.51	11.9	1.0	1.9	3.6	9	0.2	0.6	0.2	42	0.09	0.043
1076435	Soil	0.9	13.6	19.8	52	<0.1	15.8	7.6	243	1.97	7.7	0.8	1.4	1.5	10	0.2	0.6	0.2	37	0.08	0.033
1076434	Soil	1.3	11.1	25.9	55	<0.1	13.6	7.7	376	2.50	11.6	0.8	0.9	1.7	9	0.2	0.6	0.2	46	0.08	0.038
1076433	Soil	1.0	15.2	15.8	52	<0.1	16.1	7.5	241	2.37	10.3	0.9	1.8	1.9	10	0.1	0.7	0.2	38	0.10	0.047
1076432	Soil	1.1	16.4	23.9	57	<0.1	15.8	6.7	221	2.66	10.5	1.0	1.7	3.9	12	0.2	0.8	0.2	32	0.07	0.037
1076431	Soil	1.0	14.8	15.9	53	<0.1	16.1	9.3	391	2.20	9.7	0.8	1.3	1.3	9	0.2	0.7	0.2	33	0.08	0.043
1076430	Soil	0.9	12.2	12.9	40	<0.1	11.6	5.0	169	2.15	9.8	0.8	7.1	1.0	8	0.2	0.5	0.2	37	0.06	0.028
1076429	Soil	1.0	15.3	15.1	52	<0.1	15.3	9.3	428	2.18	10.5	0.8	<0.5	2.0	10	0.2	0.6	0.2	31	0.09	0.047
1076428	Soil	0.9	19.2	11.6	49	<0.1	15.9	7.4	274	2.14	10.0	1.3	3.0	1.2	10	0.1	0.6	0.2	35	0.10	0.048
1076427	Soil	0.7	10.9	11.0	38	<0.1	10.7	4.6	149	1.92	8.7	0.7	1.8	0.8	9	0.1	0.5	0.2	36	0.07	0.029
1076423	Soil	1.3	34.0	25.6	51	<0.1	16.0	7.1	231	3.09	10.5	2.1	4.5	6.0	8	0.1	1.1	0.4	26	0.04	0.042
1076426	Soil	0.7	19.8	14.9	53	<0.1	16.6	8.1	285	2.18	11.6	1.0	1.5	2.6	15	0.3	0.6	0.3	27	0.09	0.057
1037493	Soil	1.0	24.8	24.6	50	<0.1	15.0	6.5	213	2.48	10.0	1.5	1.0	2.3	8	0.1	1.1	0.4	27	0.04	0.041
1037495	Soil	0.9	29.9	20.4	51	<0.1	15.5	7.0	214	2.77	10.5	1.2	2.7	8.6	9	0.1	0.8	0.4	29	0.04	0.036
1148729	Soil	0.9	29.6	13.4	65	<0.1	25.0	10.1	385	2.43	8.9	0.9	16.2	4.0	27	0.2	0.9	0.2	44	0.20	0.091
1151825	Soil	0.6	23.5	14.6	52	<0.1	17.6	9.0	312	2.15	18.7	0.7	1.2	2.2	11	<0.1	0.4	0.3	31	0.10	0.052

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Project: MHR
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000231.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1037497	Soil	19	<1	0.30	54	0.017	<1	1.18	0.004	0.03	0.2	0.01	0.6	<0.1	<0.05	4	<0.5	<0.2
1076425	Soil	11	20	0.33	75	0.022	<1	1.20	0.004	0.03	0.2	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2
1076419	Soil	13	24	0.34	105	0.022	1	1.20	0.005	0.04	0.1	0.03	0.8	0.1	<0.05	4	<0.5	<0.2
1037498	Soil	19	154	0.59	108	0.022	<1	1.22	0.004	0.03	0.1	0.03	2.6	<0.1	<0.05	3	<0.5	<0.2
1037496	Soil	35	20	0.50	45	0.013	<1	1.31	0.005	0.04	0.1	0.03	0.6	<0.1	<0.05	5	<0.5	<0.2
1037494	Soil	15	21	0.38	84	0.024	1	1.23	0.005	0.04	0.2	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
1037500	Soil	36	395	1.36	136	0.016	1	2.02	0.004	0.04	0.1	0.03	4.8	<0.1	<0.05	5	<0.5	<0.2
1076437	Soil	18	16	0.37	103	0.020	<1	1.37	0.005	0.03	0.2	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1076436	Soil	13	27	0.41	122	0.025	<1	1.73	0.005	0.04	0.2	0.02	1.5	0.1	<0.05	4	<0.5	<0.2
1076435	Soil	17	27	0.38	97	0.026	<1	1.26	0.005	0.05	0.2	0.02	0.9	0.1	<0.05	4	<0.5	<0.2
1076434	Soil	15	25	0.34	76	0.028	1	1.36	0.005	0.05	0.2	0.02	0.9	0.1	<0.05	5	<0.5	<0.2
1076433	Soil	14	23	0.37	84	0.024	1	1.40	0.005	0.04	0.2	0.03	1.0	<0.1	<0.05	4	<0.5	<0.2
1076432	Soil	24	22	0.43	66	0.022	1	1.29	0.005	0.05	0.1	0.02	0.9	<0.1	<0.05	4	<0.5	<0.2
1076431	Soil	13	20	0.34	61	0.020	1	1.02	0.004	0.04	0.1	0.02	0.7	<0.1	<0.05	4	<0.5	<0.2
1076430	Soil	13	23	0.29	107	0.018	<1	1.10	0.004	0.03	0.1	0.02	0.8	<0.1	<0.05	4	<0.5	<0.2
1076429	Soil	16	19	0.32	62	0.023	<1	1.02	0.005	0.04	0.1	0.02	0.8	<0.1	<0.05	3	<0.5	<0.2
1076428	Soil	14	20	0.34	102	0.019	<1	1.28	0.005	0.04	0.1	0.04	1.0	<0.1	<0.05	4	0.5	<0.2
1076427	Soil	13	20	0.29	62	0.021	<1	1.08	0.004	0.04	0.1	0.02	0.7	<0.1	<0.05	4	<0.5	<0.2
1076423	Soil	27	23	0.44	90	0.021	<1	1.38	0.004	0.03	0.1	0.05	2.0	<0.1	<0.05	4	0.5	<0.2
1076426	Soil	15	18	0.36	82	0.021	2	1.09	0.004	0.03	0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
1037493	Soil	20	17	0.35	87	0.017	<1	1.04	0.003	0.03	0.1	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1037495	Soil	24	20	0.39	81	0.020	<1	1.34	0.004	0.03	0.1	0.03	1.5	<0.1	<0.05	4	0.7	<0.2
1148729	Soil	15	23	0.39	112	0.046	1	0.94	0.007	0.09	0.4	0.01	2.5	0.1	0.06	3	<0.5	<0.2
1151825	Soil	16	21	0.40	93	0.024	<1	1.29	0.005	0.06	0.2	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2

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Project: MHR
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QUALITY CONTROL REPORT DAW11000231.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1096410	Soil	0.7	15.1	9.8	40	<0.1	12.2	4.7	189	1.99	8.5	0.8	1.0	3.1	6	0.1	0.4	0.2	26	0.05	0.030
REP 1096410	QC	0.6	15.0	9.7	41	<0.1	11.9	4.6	189	1.95	8.9	0.9	3.9	2.9	6	<0.1	0.4	0.2	25	0.05	0.029
1198986	Soil	0.7	18.7	15.6	69	<0.1	21.2	9.4	462	2.26	16.0	0.8	5.7	1.8	8	0.3	0.7	0.2	27	0.09	0.048
REP 1198986	QC	0.7	18.4	15.7	68	<0.1	20.6	9.3	432	2.18	16.5	0.7	2.3	1.8	9	0.3	0.8	0.2	29	0.08	0.050
1151098	Soil	1.0	17.0	64.6	107	0.7	21.4	8.0	223	2.38	16.9	1.6	6.4	5.3	25	0.8	0.8	0.4	38	0.20	0.060
REP 1151098	QC	1.1	16.1	63.6	111	0.7	20.4	7.7	229	2.38	16.1	1.6	2.3	5.2	25	0.8	0.8	0.4	38	0.20	0.063
1151079	Soil	0.9	16.4	11.2	51	<0.1	16.4	6.6	227	1.91	9.7	1.1	2.4	2.2	16	0.2	0.8	0.2	31	0.14	0.057
REP 1151079	QC	0.6	16.4	11.3	51	<0.1	16.2	6.6	229	1.91	9.8	1.1	16.6	2.4	15	0.2	0.7	0.2	31	0.14	0.059
1037375	Soil	1.0	27.2	23.2	66	0.1	26.3	9.9	290	2.65	10.4	1.6	1.2	7.9	17	0.1	0.7	0.4	27	0.10	0.032
REP 1037375	QC	0.8	24.7	21.6	61	<0.1	25.4	9.5	275	2.57	10.1	1.4	<0.5	7.5	15	0.2	0.7	0.4	25	0.09	0.032
1149794	Soil	0.8	45.7	13.7	67	0.3	27.5	12.7	414	2.36	53.3	1.0	10.3	5.3	65	0.8	1.5	1.4	39	0.92	0.108
REP 1149794	QC	0.9	45.2	13.2	67	0.3	27.3	11.9	405	2.31	51.9	1.1	22.3	5.5	62	0.8	1.5	1.4	41	0.96	0.107
1110713	Soil	0.7	9.5	18.5	28	<0.1	8.7	3.2	97	1.96	13.9	0.8	1.3	1.6	8	<0.1	1.7	0.3	38	0.07	0.025
REP 1110713	QC	0.6	9.0	18.6	27	<0.1	8.1	3.1	92	1.89	13.1	0.7	4.2	1.5	8	0.1	1.7	0.3	35	0.06	0.023
1110706	Soil	0.9	15.9	21.8	49	0.2	13.4	4.8	136	1.96	23.8	1.2	4.4	1.8	8	0.1	2.8	0.3	30	0.07	0.032
REP 1110706	QC	0.9	16.1	22.1	49	0.2	13.2	4.6	135	2.01	24.6	1.2	2.0	1.7	8	<0.1	2.9	0.3	30	0.06	0.034
1144797	Soil	0.7	18.3	10.5	45	<0.1	15.1	6.0	128	2.06	9.7	0.8	1.9	1.3	11	0.1	0.8	0.2	42	0.12	0.046
REP 1144797	QC	0.7	18.4	10.2	46	<0.1	15.2	6.0	124	2.04	9.8	0.8	3.1	1.4	11	0.1	0.7	0.2	40	0.11	0.046
1068293	Soil	0.5	19.4	10.3	49	<0.1	17.3	6.6	202	2.07	7.5	0.7	1.4	1.8	11	<0.1	0.4	0.2	41	0.13	0.045
REP 1068293	QC	0.5	19.4	10.3	49	<0.1	17.6	6.4	207	2.11	7.7	0.7	1.9	1.7	11	<0.1	0.5	0.2	40	0.13	0.048
1096419	Soil	0.8	18.3	12.1	56	<0.1	18.5	8.4	311	2.29	10.8	0.8	0.6	3.1	12	0.1	0.4	0.2	38	0.12	0.048
REP 1096419	QC	0.7	18.2	12.1	56	<0.1	18.4	8.8	318	2.29	10.9	0.8	10.1	3.5	12	0.2	0.4	0.2	38	0.12	0.051
1151535	Soil	1.9	64.0	65.7	139	0.8	33.5	12.9	624	5.81	199.7	3.0	7.8	24.3	15	0.2	5.1	1.2	14	0.05	0.083
REP 1151535	QC	1.8	66.1	64.1	145	0.9	33.9	13.5	626	5.89	204.9	2.9	49.4	24.8	15	0.2	5.2	1.2	15	0.05	0.082
1148736	Soil	0.8	22.6	16.7	60	<0.1	20.9	8.1	340	2.23	11.0	1.0	3.1	2.6	14	0.2	1.3	0.3	34	0.15	0.059
REP 1148736	QC	0.8	22.5	17.2	62	<0.1	21.0	8.2	340	2.28	11.4	1.0	9.6	2.6	14	0.2	1.3	0.3	35	0.14	0.058
1078059	Soil	1.1	17.7	128.5	102	<0.1	19.8	9.3	338	2.44	9.2	0.9	10.0	4.0	18	0.5	41.9	0.3	31	0.09	0.045
REP 1078059	QC	1.1	18.2	132.7	109	<0.1	21.3	9.6	348	2.52	9.3	0.9	3.2	5.1	20	0.6	43.1	0.3	34	0.11	0.047

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QUALITY CONTROL REPORT DAW11000231.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1096410	Soil	25	18	0.30	67	0.016	1	0.98	0.003	0.03	0.1	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
REP 1096410	QC	24	17	0.30	64	0.015	<1	0.99	0.003	0.03	0.1	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1198986	Soil	15	20	0.36	71	0.024	<1	1.13	0.004	0.05	0.2	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
REP 1198986	QC	14	19	0.36	71	0.024	1	1.15	0.004	0.05	0.2	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1151098	Soil	22	26	0.50	130	0.032	2	1.38	0.010	0.05	0.2	0.05	2.1	0.1	<0.05	4	<0.5	<0.2
REP 1151098	QC	23	27	0.51	134	0.033	<1	1.43	0.008	0.05	0.2	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1151079	Soil	17	19	0.34	81	0.029	<1	0.85	0.005	0.03	0.3	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
REP 1151079	QC	16	19	0.33	79	0.028	<1	0.85	0.005	0.03	0.4	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1037375	Soil	30	29	0.55	149	0.012	<1	1.33	0.005	0.03	0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
REP 1037375	QC	28	28	0.54	140	0.012	<1	1.33	0.005	0.03	0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1149794	Soil	21	23	0.37	201	0.040	<1	1.20	0.049	0.05	2.0	0.06	2.1	<0.1	<0.05	4	0.6	<0.2
REP 1149794	QC	22	22	0.40	202	0.042	2	1.29	0.051	0.05	2.5	0.07	2.1	<0.1	<0.05	4	<0.5	<0.2
1110713	Soil	21	20	0.21	96	0.026	1	1.03	0.004	0.03	0.1	0.02	1.1	0.1	<0.05	5	<0.5	<0.2
REP 1110713	QC	21	19	0.20	95	0.021	<1	0.95	0.004	0.03	0.1	0.03	1.1	0.1	<0.05	5	<0.5	<0.2
1110706	Soil	27	18	0.24	60	0.018	<1	0.83	0.004	0.03	0.1	0.05	1.2	0.3	<0.05	3	<0.5	<0.2
REP 1110706	QC	27	18	0.25	61	0.018	<1	0.88	0.004	0.03	0.2	0.07	1.1	0.3	<0.05	3	<0.5	<0.2
1144797	Soil	18	22	0.35	118	0.030	<1	1.36	0.005	0.03	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
REP 1144797	QC	17	22	0.34	117	0.030	<1	1.32	0.005	0.03	0.2	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1068293	Soil	17	23	0.63	93	0.046	<1	1.60	0.004	0.07	0.1	0.03	1.9	0.2	<0.05	5	<0.5	<0.2
REP 1068293	QC	17	24	0.62	93	0.046	1	1.61	0.005	0.08	0.1	0.03	1.8	0.2	<0.05	5	<0.5	<0.2
1096419	Soil	22	34	0.41	104	0.032	1	1.12	0.005	0.06	0.2	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
REP 1096419	QC	22	33	0.41	106	0.031	1	1.17	0.005	0.06	0.2	0.01	2.0	<0.1	<0.05	4	<0.5	<0.2
1151535	Soil	34	17	0.41	64	0.003	2	1.25	0.011	0.05	<0.1	0.05	1.3	0.3	0.06	4	<0.5	<0.2
REP 1151535	QC	35	17	0.40	63	0.003	<1	1.28	0.011	0.05	<0.1	0.05	1.3	0.2	0.07	4	<0.5	<0.2
1148736	Soil	21	22	0.40	117	0.025	<1	1.04	0.005	0.06	0.2	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
REP 1148736	QC	21	22	0.38	119	0.024	<1	1.04	0.005	0.05	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1078059	Soil	15	22	0.31	53	0.018	1	0.89	0.005	0.07	0.2	0.02	0.7	0.1	0.06	3	<0.5	<0.2
REP 1078059	QC	19	25	0.34	55	0.022	1	0.99	0.006	0.08	0.2	0.02	0.9	0.1	<0.05	3	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 19, 2011

QUALITY CONTROL REPORT DAW11000231.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1037497	Soil	1.0	14.7	12.6	46	<0.1	12.8	4.9	172	2.30	9.0	1.0	2.2	1.2	7	0.1	0.6	0.2	32	0.04	0.035
REP 1037497	QC	1.0	15.8	13.0	48	<0.1	12.2	5.0	182	2.42	9.1	1.0	2.8	1.2	8	0.1	0.6	0.2	35	0.05	0.038
Reference Materials																					
STD DS8	Standard	12.4	113.9	131.2	332	1.9	38.8	7.7	623	2.50	27.5	2.8	129.2	6.7	74	2.4	6.5	7.6	42	0.72	0.084
STD DS8	Standard	12.4	124.5	124.8	327	1.8	39.6	8.1	640	2.63	27.2	3.0	109.3	7.0	67	2.8	6.2	7.3	45	0.66	0.091
STD DS8	Standard	13.2	103.5	134.1	288	1.7	35.6	7.0	582	2.28	23.8	3.2	98.5	8.1	78	2.5	6.2	7.9	39	0.65	0.079
STD DS8	Standard	13.2	114.3	132.0	338	1.9	39.5	8.0	659	2.61	26.6	3.0	118.6	7.4	75	2.2	5.9	7.4	44	0.75	0.084
STD DS8	Standard	12.8	104.4	126.2	296	1.7	35.5	7.0	560	2.23	23.0	2.9	111.4	7.0	67	2.1	6.2	7.0	42	0.64	0.074
STD DS8	Standard	11.6	101.2	118.4	286	1.7	34.4	6.6	555	2.25	23.4	2.6	145.5	6.1	62	2.0	5.3	6.7	35	0.62	0.074
STD DS8	Standard	12.9	99.5	119.5	293	1.7	37.7	7.4	578	2.35	22.2	2.6	121.9	6.9	55	2.1	4.6	4.9	41	0.65	0.068
STD DS8	Standard	13.4	112.5	125.9	323	2.0	39.8	8.0	641	2.57	27.2	2.8	108.5	7.0	67	2.5	5.5	6.7	47	0.74	0.084
STD DS8	Standard	14.3	122.6	128.0	325	1.8	40.4	8.1	651	2.64	26.8	3.2	114.8	8.1	73	2.5	6.3	7.4	46	0.74	0.087
STD DS8	Standard	12.7	109.9	118.2	316	1.8	37.2	7.6	640	2.55	25.8	2.7	123.5	6.5	70	2.3	6.0	6.3	43	0.72	0.085
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 19, 2011

QUALITY CONTROL REPORT DAW11000231.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1037497	Soil	19	<1	0.30	54	0.017	<1	1.18	0.004	0.03	0.2	0.01	0.6	<0.1	<0.05	4	<0.5	<0.2
REP 1037497	QC	19	20	0.31	58	0.017	1	1.26	0.004	0.03	0.2	0.04	0.6	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	117	0.67	284	0.116	2	0.90	0.079	0.44	2.9	0.20	2.3	5.8	0.19	5	5.6	4.9
STD DS8	Standard	14	122	0.65	280	0.118	3	0.90	0.084	0.42	3.1	0.20	2.0	5.7	0.20	5	6.0	5.4
STD DS8	Standard	16	112	0.57	253	0.135	2	0.87	0.080	0.38	2.8	0.19	2.1	5.3	0.20	4	4.8	4.3
STD DS8	Standard	17	122	0.64	292	0.131	3	0.95	0.091	0.43	3.1	0.19	2.2	5.8	0.17	5	5.8	5.3
STD DS8	Standard	15	110	0.58	276	0.119	2	0.87	0.082	0.38	3.0	0.18	1.9	5.4	0.14	4	4.7	4.9
STD DS8	Standard	13	104	0.56	238	0.100	2	0.81	0.072	0.37	2.6	0.17	1.8	4.9	0.14	4	4.9	4.3
STD DS8	Standard	13	102	0.59	247	0.104	3	0.87	0.077	0.37	3.0	0.20	1.2	5.3	0.11	4	5.0	4.7
STD DS8	Standard	16	120	0.64	281	0.125	3	0.95	0.088	0.44	3.2	0.21	2.3	5.6	0.13	5	5.9	5.1
STD DS8	Standard	18	126	0.63	298	0.139	4	0.98	0.092	0.41	3.0	0.21	2.4	5.4	0.17	5	5.0	4.7
STD DS8	Standard	15	119	0.65	281	0.122	2	0.98	0.110	0.44	3.0	0.19	2.7	5.4	0.16	5	6.2	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 16, 2011
Report Date: September 19, 2011
Page: 1 of 8

CERTIFICATE OF ANALYSIS DAW11000232.1

CLIENT JOB INFORMATION

Project: MAH
Shipment ID: MAH2011-05
P.O. Number
Number of Samples: 209

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	209	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	209	Dry at 60C			WHI
1DX2	201	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000232.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1037406	Soil		3.7	26.4	11.4	77	0.3	19.8	7.2	381	1.76	13.7	1.3	2.4	1.0	20	0.2	1.2	0.3	65	0.21	0.071
1037407	Soil		3.1	25.2	11.9	69	0.1	17.9	8.3	325	2.08	13.0	1.0	2.1	0.5	14	<0.1	0.9	0.2	60	0.16	0.067
1037404	Soil		6.2	65.4	17.5	181	0.7	37.4	8.3	311	2.26	15.1	2.3	3.0	4.6	79	1.2	2.5	0.2	205	0.66	0.108
1076094	Soil		1.3	26.1	11.9	71	0.2	18.4	6.5	180	2.18	31.5	1.2	3.9	1.6	19	0.2	1.0	0.3	61	0.26	0.065
1037405	Soil		5.8	64.5	17.2	166	0.6	35.5	8.2	300	2.16	15.0	2.2	5.3	4.7	71	1.2	2.5	0.2	195	0.61	0.104
1037402	Soil		2.9	44.5	21.3	87	0.4	25.7	8.5	275	2.30	27.0	2.2	3.7	3.3	26	0.2	1.8	0.3	55	0.32	0.096
1076095	Soil		6.3	68.5	29.9	151	1.1	37.7	9.1	218	2.33	127.9	4.9	7.7	1.8	55	0.6	4.9	1.1	67	0.90	0.108
1076093	Soil		1.5	25.3	11.2	68	0.2	18.3	6.3	176	2.15	31.0	1.2	3.3	1.4	20	0.1	1.0	0.3	59	0.26	0.066
1037403	Soil		4.2	31.7	16.2	76	0.3	18.0	6.4	212	2.22	41.6	1.6	17.9	1.2	18	0.2	1.5	0.3	55	0.19	0.070
1037401	Soil		2.4	40.7	19.5	82	0.4	24.7	8.1	253	2.22	24.1	1.9	1.9	3.4	24	0.2	1.7	0.3	53	0.29	0.087
1076091	Soil		0.6	32.1	20.4	72	0.3	19.0	10.4	665	1.97	47.3	1.1	6.2	1.3	68	0.8	1.1	1.4	30	1.61	0.122
1076089	Soil		0.5	33.1	10.8	53	0.2	18.1	8.7	297	1.92	60.9	0.7	10.6	1.7	41	0.3	0.9	1.9	34	0.84	0.073
1076092	Soil		0.6	16.5	13.0	76	0.2	20.7	10.1	604	2.18	20.4	1.1	2.5	1.3	52	0.4	0.7	0.3	39	0.89	0.091
1076090	Soil		0.5	39.4	13.9	60	0.3	16.3	9.7	434	1.95	60.8	1.8	4.4	1.6	33	0.3	0.7	1.7	34	0.92	0.086
1145750	Soil		0.3	37.4	11.0	60	0.2	17.6	8.2	376	1.86	47.0	1.0	12.9	1.2	44	0.5	0.8	2.5	33	1.15	0.076
1037423	Soil		0.8	19.5	9.4	43	<0.1	14.2	5.4	188	1.85	42.6	0.9	11.8	1.8	14	0.2	2.5	0.8	41	0.18	0.050
1037422	Soil		0.9	18.7	16.8	100	0.2	22.5	10.1	628	2.75	23.2	0.7	37.9	3.3	25	0.5	2.1	0.3	41	0.47	0.092
1037420	Soil		2.6	43.1	25.5	185	0.6	35.2	10.9	515	3.26	11.2	1.0	2.5	3.5	49	1.3	3.4	0.2	74	0.60	0.111
1037421	Soil		1.2	38.9	16.9	93	0.5	24.8	10.3	204	3.73	11.4	1.0	6.1	3.6	43	0.3	3.2	0.2	53	0.38	0.099
1037419	Soil		1.5	21.6	10.2	56	0.3	18.8	9.1	223	3.10	14.1	0.5	7.7	3.4	16	0.1	1.3	0.2	63	0.12	0.035
1037418	Soil		3.2	27.7	14.8	87	0.4	18.2	6.5	201	1.69	9.8	1.6	6.2	3.6	36	0.3	2.7	0.2	73	0.53	0.096
1037417	Soil		2.7	27.2	15.7	92	0.4	20.0	7.4	274	1.62	8.2	1.8	6.5	2.6	37	0.4	1.6	0.2	77	0.58	0.085
1037416	Soil		1.9	28.3	13.3	126	0.4	23.1	7.5	465	1.68	8.5	1.8	5.0	2.3	41	0.7	1.5	0.2	97	0.78	0.079
1037414	Soil		3.5	44.9	12.0	156	0.4	29.1	6.6	326	1.62	11.5	3.0	3.4	1.8	38	0.7	1.7	0.2	78	0.58	0.093
1037415	Soil		3.6	36.9	13.9	157	0.4	28.4	6.6	266	1.61	10.6	2.9	6.5	2.2	38	1.1	2.1	0.2	99	0.63	0.086
1037413	Soil		5.4	52.5	15.5	125	0.5	26.6	8.0	653	1.78	16.3	2.7	10.8	2.3	35	0.3	1.9	0.2	79	0.41	0.105
1037412	Soil		3.5	47.6	11.1	148	0.4	31.9	6.3	271	1.74	9.6	1.6	5.8	2.2	23	0.3	1.4	0.2	77	0.25	0.074
1037410	Soil		3.3	48.5	10.0	110	0.4	29.1	5.9	162	1.52	6.9	1.7	6.4	1.5	22	0.3	1.5	0.1	112	0.26	0.100
1037411	Soil		2.4	57.3	9.4	108	0.4	28.4	7.9	137	1.75	7.6	2.0	4.3	3.7	24	0.7	1.1	0.2	75	0.29	0.081
1037409	Soil		2.6	26.5	10.4	73	0.3	18.5	4.8	175	1.49	8.2	1.2	2.8	0.1	20	0.3	1.2	0.2	83	0.22	0.086

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Project: MAH
Report Date: September 19, 2011

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1037406	Soil	12	26	0.61	192	0.028	1	1.35	0.006	0.06	0.4	0.03	1.9	0.2	<0.05	5	0.7	<0.2
1037407	Soil	11	24	0.53	150	0.024	2	1.41	0.006	0.05	0.2	0.03	1.3	0.2	<0.05	5	1.0	<0.2
1037404	Soil	15	45	1.82	224	0.075	2	2.61	0.047	0.28	0.4	0.03	4.5	0.5	<0.05	9	1.0	<0.2
1076094	Soil	13	27	0.60	196	0.033	2	1.67	0.008	0.07	0.3	0.03	2.2	0.2	<0.05	6	0.7	<0.2
1037405	Soil	16	43	1.81	216	0.074	2	2.45	0.044	0.26	0.4	0.04	4.2	0.5	<0.05	8	1.4	<0.2
1037402	Soil	19	26	0.50	229	0.039	1	1.54	0.009	0.07	0.5	0.05	2.6	0.2	<0.05	4	1.0	<0.2
1076095	Soil	20	28	0.65	253	0.029	3	1.85	0.015	0.07	0.6	0.08	2.8	0.3	0.10	6	1.9	<0.2
1076093	Soil	13	26	0.61	194	0.036	1	1.67	0.008	0.08	0.2	0.02	2.2	0.2	<0.05	6	1.1	<0.2
1037403	Soil	14	26	0.49	188	0.027	1	1.54	0.006	0.05	0.4	0.04	1.9	0.2	<0.05	5	1.4	<0.2
1037401	Soil	18	25	0.45	211	0.037	1	1.47	0.008	0.06	0.4	0.06	2.5	0.2	<0.05	4	1.5	<0.2
1076091	Soil	18	20	0.34	202	0.019	3	1.92	0.075	0.05	0.3	0.05	1.8	0.1	0.10	5	1.0	<0.2
1076089	Soil	18	20	0.35	233	0.026	2	1.43	0.033	0.05	1.1	0.04	1.9	0.1	<0.05	4	<0.5	<0.2
1076092	Soil	17	29	0.64	172	0.037	2	2.31	0.065	0.06	0.2	0.04	2.1	0.1	<0.05	7	<0.5	<0.2
1076090	Soil	18	26	0.39	244	0.024	3	1.55	0.021	0.05	0.7	0.05	2.1	0.1	<0.05	5	0.8	<0.2
1145750	Soil	15	20	0.35	249	0.023	2	1.55	0.028	0.05	0.6	0.05	1.9	0.1	<0.05	4	<0.5	<0.2
1037423	Soil	16	22	0.29	132	0.042	<1	1.38	0.007	0.07	0.6	0.03	2.0	0.2	<0.05	5	<0.5	<0.2
1037422	Soil	20	29	0.77	319	0.034	1	1.72	0.008	0.10	0.3	0.04	3.8	0.2	<0.05	5	0.7	<0.2
1037420	Soil	11	39	1.41	216	0.067	1	2.52	0.011	0.24	0.1	0.03	4.0	0.4	<0.05	9	0.9	<0.2
1037421	Soil	32	31	0.73	627	0.061	1	1.72	0.012	0.39	0.2	0.02	4.0	0.4	0.20	6	1.0	<0.2
1037419	Soil	12	32	0.45	216	0.052	1	2.11	0.008	0.07	0.2	0.05	2.7	0.1	<0.05	6	<0.5	<0.2
1037418	Soil	16	28	0.56	217	0.042	1	1.26	0.008	0.07	0.3	0.06	2.8	0.4	<0.05	4	0.6	<0.2
1037417	Soil	14	28	0.67	218	0.031	1	1.36	0.008	0.07	0.3	0.05	2.5	0.4	<0.05	4	0.7	<0.2
1037416	Soil	12	30	0.90	245	0.039	3	1.51	0.009	0.09	0.2	0.06	2.8	0.2	<0.05	5	0.7	<0.2
1037414	Soil	14	28	0.76	234	0.038	2	1.62	0.012	0.08	0.3	0.04	2.4	0.2	<0.05	4	1.8	<0.2
1037415	Soil	16	29	0.91	204	0.045	<1	1.55	0.012	0.10	0.3	0.02	2.6	0.2	<0.05	5	1.1	<0.2
1037413	Soil	14	29	0.67	247	0.037	2	1.51	0.010	0.08	0.4	0.05	2.7	0.2	<0.05	5	2.8	<0.2
1037412	Soil	12	30	0.66	209	0.041	2	1.47	0.009	0.08	0.2	0.03	2.5	0.2	<0.05	4	2.2	<0.2
1037410	Soil	11	33	1.02	179	0.052	<1	1.71	0.006	0.10	0.3	0.02	2.2	0.2	<0.05	6	0.6	<0.2
1037411	Soil	15	29	0.64	236	0.049	2	1.41	0.009	0.08	0.4	0.02	2.8	0.2	<0.05	4	<0.5	<0.2
1037409	Soil	11	30	0.69	169	0.027	1	1.34	0.008	0.09	0.2	0.03	0.8	0.2	<0.05	5	<0.5	<0.2

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Project: MAH
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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1037408	Soil	2.6	41.2	12.4	90	0.4	23.5	6.6	227	1.89	9.8	1.8	5.5	0.8	25	0.2	1.6	0.2	93	0.27	0.089
1097176	Soil	0.5	20.6	9.2	58	0.1	18.1	7.9	321	2.02	49.2	0.9	3.0	4.8	17	0.3	1.9	1.0	36	0.19	0.066
1097177	Soil	1.0	14.7	9.1	57	<0.1	15.7	6.9	241	2.17	12.6	0.8	7.6	1.0	12	0.3	0.7	0.2	42	0.12	0.055
1097178	Soil	0.8	18.2	9.0	59	0.1	18.5	7.2	281	2.17	16.0	1.0	66.4	2.0	14	0.3	0.9	0.3	41	0.17	0.067
1097175	Soil	0.6	31.7	12.7	74	0.2	20.1	8.4	359	2.49	46.1	1.1	3.9	5.8	36	0.3	1.4	1.8	52	0.53	0.087
1097179	Soil	1.1	14.3	10.1	36	0.3	10.7	3.4	84	1.76	10.3	0.9	3.7	<0.1	9	0.1	0.5	0.3	36	0.07	0.090
1097173	Soil	0.5	61.1	13.2	66	0.3	24.3	8.8	246	2.21	58.8	1.1	19.6	6.5	46	0.4	1.9	1.3	41	0.59	0.086
1097174	Soil	0.5	26.7	14.3	69	0.2	21.6	8.8	209	2.00	31.1	1.3	9.5	2.9	46	0.2	1.4	0.7	38	0.51	0.079
1097170	Soil	0.6	17.6	8.3	56	<0.1	19.5	7.7	285	1.95	104.5	2.3	3.3	2.1	44	0.3	1.0	0.4	37	1.01	0.074
1097171	Soil	0.5	28.9	11.6	76	0.2	23.0	9.2	340	2.07	45.9	0.9	8.3	3.2	115	0.4	1.2	0.7	37	1.62	0.100
1097169	Soil	1.6	18.7	11.3	62	0.2	19.5	10.0	362	2.42	103.8	3.9	44.3	2.8	24	0.2	2.9	1.1	45	0.28	0.079
1097167	Soil	0.8	57.7	11.2	93	0.3	27.3	10.3	201	2.02	19.2	2.2	5.6	6.7	61	0.5	3.9	1.2	57	1.09	0.095
1097168	Soil	0.8	41.7	9.6	68	0.2	21.6	8.2	251	1.87	16.9	1.4	4.2	3.5	51	0.3	2.1	0.6	44	0.99	0.071
1097165	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1097166	Soil	1.0	90.8	10.4	74	0.4	24.2	8.7	314	1.80	12.2	2.8	6.7	1.8	111	0.4	3.3	0.5	48	2.83	0.111
1097163	Soil	0.7	130.8	14.3	49	0.4	20.0	9.9	288	2.01	72.3	1.1	35.3	2.1	96	0.3	4.5	6.3	27	2.05	0.062
1097172	Soil	0.4	45.5	10.7	58	0.2	20.1	8.8	261	1.88	58.4	1.4	34.5	5.0	53	0.3	1.5	5.8	36	0.90	0.078
1097164	Soil	0.6	44.7	21.2	61	0.3	26.7	10.2	300	2.32	45.7	0.8	6.6	3.2	90	0.6	2.8	0.9	41	1.65	0.046
1097161	Soil	0.7	18.9	10.9	54	0.1	21.4	10.0	349	2.08	9.0	0.8	4.8	2.0	68	0.2	2.0	0.2	37	1.45	0.067
1097160	Soil	0.6	16.6	11.1	55	0.1	22.7	9.7	438	2.30	10.7	0.6	3.1	3.1	40	0.2	1.9	0.2	37	0.70	0.060
1097159	Soil	0.7	18.8	16.2	78	0.2	23.1	9.0	426	2.21	45.8	0.8	4.0	3.9	77	1.3	2.9	0.4	40	1.40	0.065
1097157	Soil	0.7	25.3	29.8	120	0.4	18.8	8.2	628	2.09	66.9	1.1	6.4	3.6	61	2.1	2.3	0.7	30	1.01	0.116
1097162	Soil	0.7	20.6	11.3	57	0.1	22.7	10.7	383	2.18	9.7	0.9	2.5	2.0	70	0.2	2.0	0.2	37	1.45	0.066
1097158	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1097155	Soil	0.7	40.3	11.6	68	0.2	29.6	11.4	299	2.44	23.9	1.4	8.5	5.0	66	0.4	1.5	0.4	53	0.96	0.063
1097156	Soil	0.9	54.2	15.2	71	0.5	22.7	7.9	194	1.87	45.9	1.2	4.3	3.7	23	0.8	9.5	1.6	48	0.31	0.079
1097153	Soil	0.7	21.7	13.1	55	0.1	22.4	9.8	445	2.17	12.9	1.0	4.8	1.8	55	0.3	0.9	0.3	41	1.35	0.073
1097154	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1097152	Soil	1.0	22.7	12.0	61	0.2	24.9	10.0	421	2.26	14.1	0.8	7.8	2.1	70	0.4	1.2	0.3	43	1.61	0.068
1097151	Soil	0.8	16.1	34.4	77	0.2	24.5	9.4	288	2.32	29.9	0.7	6.3	2.5	33	0.3	1.0	0.7	50	0.61	0.042

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1037408	Soil	14	37	0.80	243	0.047	2	1.63	0.009	0.11	0.2	0.02	2.1	0.3	<0.05	6	<0.5	<0.2
1097176	Soil	17	21	0.34	176	0.048	<1	1.23	0.005	0.08	0.3	<0.01	2.3	0.1	<0.05	4	<0.5	<0.2
1097177	Soil	13	23	0.36	155	0.029	1	1.36	0.006	0.05	0.3	0.04	1.7	0.1	<0.05	4	<0.5	<0.2
1097178	Soil	16	22	0.35	163	0.038	1	1.26	0.006	0.07	0.4	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1097175	Soil	19	44	0.57	337	0.080	1	1.86	0.011	0.11	0.6	0.04	3.9	0.2	<0.05	6	<0.5	<0.2
1097179	Soil	10	19	0.23	117	0.011	<1	1.22	0.009	0.04	0.2	0.04	0.8	0.1	0.09	4	<0.5	<0.2
1097173	Soil	20	33	0.63	301	0.056	2	1.91	0.020	0.08	1.2	0.04	3.5	0.2	<0.05	5	0.6	<0.2
1097174	Soil	18	27	0.50	262	0.041	1	1.74	0.023	0.06	0.9	0.03	2.7	0.1	<0.05	5	<0.5	<0.2
1097170	Soil	13	23	0.43	195	0.035	2	1.15	0.014	0.05	0.7	0.03	1.8	0.1	0.08	3	<0.5	<0.2
1097171	Soil	15	26	0.62	233	0.038	3	1.72	0.060	0.06	0.5	0.05	2.3	0.1	0.08	5	<0.5	<0.2
1097169	Soil	18	31	0.52	203	0.036	<1	1.47	0.007	0.06	1.1	0.03	2.5	0.2	<0.05	5	0.6	<0.2
1097167	Soil	18	31	0.73	248	0.067	2	1.47	0.034	0.08	0.8	0.05	3.4	0.2	0.06	5	0.8	<0.2
1097168	Soil	15	26	0.71	167	0.052	2	1.40	0.027	0.05	0.6	0.06	2.8	0.2	0.07	4	0.7	<0.2
1097165	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1097166	Soil	11	27	1.01	209	0.053	6	1.67	0.050	0.07	0.2	0.07	2.3	0.2	0.25	5	2.5	<0.2
1097163	Soil	17	19	0.64	172	0.030	6	1.53	0.050	0.05	3.3	0.06	1.8	0.1	0.18	4	1.3	<0.2
1097172	Soil	18	29	0.51	199	0.048	2	1.41	0.026	0.06	3.3	0.03	2.5	0.1	0.05	4	<0.5	<0.2
1097164	Soil	18	30	0.91	188	0.042	3	2.10	0.054	0.06	0.4	0.06	2.8	0.2	0.07	6	1.0	<0.2
1097161	Soil	16	23	0.48	222	0.021	2	1.61	0.033	0.04	0.3	0.05	2.0	0.1	0.09	5	<0.5	<0.2
1097160	Soil	20	23	0.46	188	0.022	1	1.37	0.029	0.04	0.3	0.04	2.8	<0.1	<0.05	4	<0.5	<0.2
1097159	Soil	20	28	0.60	173	0.038	4	1.76	0.068	0.05	0.6	0.05	2.6	0.1	0.09	6	<0.5	<0.2
1097157	Soil	15	22	0.41	175	0.023	3	1.69	0.044	0.03	0.7	0.06	2.0	<0.1	0.12	5	<0.5	<0.2
1097162	Soil	17	25	0.47	236	0.022	2	1.63	0.034	0.05	0.3	0.05	2.3	<0.1	0.09	5	0.7	<0.2
1097158	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1097155	Soil	18	45	0.83	287	0.074	2	2.44	0.069	0.10	0.3	0.05	3.8	0.2	<0.05	7	0.7	<0.2
1097156	Soil	17	27	0.54	198	0.051	1	1.40	0.010	0.07	0.3	0.06	2.6	0.2	<0.05	5	<0.5	<0.2
1097153	Soil	15	26	0.46	277	0.025	2	1.89	0.048	0.05	0.3	0.05	2.0	0.1	0.09	5	0.6	<0.2
1097154	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1097152	Soil	17	28	0.52	220	0.048	3	1.86	0.065	0.06	0.5	0.05	2.4	0.1	0.15	5	1.1	<0.2
1097151	Soil	15	30	0.51	211	0.043	2	2.02	0.025	0.05	0.3	0.06	2.5	0.2	<0.05	6	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000232.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1036845	Soil		0.6	28.1	10.6	51	0.1	25.2	10.8	167	2.39	18.1	1.3	3.2	5.7	62	0.4	3.1	0.4	41	0.83	0.054
1036843	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1036841	Soil		0.4	23.4	9.6	58	0.1	20.8	8.7	284	2.05	21.5	1.2	17.4	5.1	49	0.2	1.2	0.4	36	0.64	0.077
1036840	Soil		0.9	67.2	11.4	73	0.2	26.1	8.8	242	2.06	18.3	3.7	6.9	4.4	57	0.8	1.6	0.4	47	1.00	0.083
1036846	Soil		0.8	27.1	9.8	62	0.1	25.0	10.5	278	2.61	23.4	0.8	3.4	4.1	90	0.4	1.8	0.3	39	1.20	0.076
1036844	Soil		0.4	33.4	10.6	51	0.1	22.9	9.4	1347	1.75	45.7	1.4	8.5	4.5	85	0.6	2.3	0.6	33	1.42	0.075
1036839	Soil		1.3	29.9	8.2	71	0.2	21.3	7.6	290	1.78	17.9	5.8	2.9	2.6	32	0.5	1.3	0.3	40	0.68	0.070
1036837	Soil		0.5	67.6	9.3	81	0.3	23.3	10.9	499	1.73	23.9	4.0	5.8	1.8	95	0.4	3.3	0.5	34	2.71	0.069
1036842	Soil		0.5	25.2	8.8	61	0.1	21.9	7.7	239	1.97	24.1	1.2	6.7	7.5	53	0.3	1.4	0.5	41	0.74	0.092
1036838	Soil		1.4	22.8	11.4	59	0.2	17.3	10.1	421	2.02	71.5	2.7	8.8	2.4	24	0.3	2.8	0.7	42	0.30	0.073
1036835	Soil		0.6	58.8	12.4	55	0.3	20.8	9.9	327	1.93	45.6	1.7	7.3	1.6	88	0.4	4.2	0.7	32	2.37	0.061
1036836	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1036849	Soil		0.9	13.8	8.7	55	<0.1	14.3	6.0	242	2.11	13.5	0.7	3.1	1.2	7	0.1	1.3	0.5	34	0.07	0.041
1050886	Soil		0.8	19.4	9.6	59	0.1	16.7	7.1	237	2.26	16.2	0.9	<0.5	1.4	8	0.1	1.1	0.4	36	0.07	0.046
1036847	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1036848	Soil		0.7	26.4	10.6	65	0.1	21.4	7.5	314	2.44	93.5	0.9	1.7	2.3	27	0.2	2.3	3.0	59	0.29	0.072
1036850	Soil		0.8	10.1	8.6	45	<0.1	10.9	4.7	193	1.85	12.9	0.5	5.3	0.9	8	<0.1	1.1	0.4	30	0.09	0.046
1036834	Soil		0.5	28.3	5.9	37	0.1	8.4	3.8	259	0.74	23.1	0.6	5.2	0.6	89	0.6	1.3	0.8	8	3.61	0.076
1036825	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1036828	Soil		0.4	18.0	13.3	66	0.2	16.5	6.6	259	1.58	27.0	0.8	2.0	2.5	31	0.5	1.3	0.4	29	0.40	0.079
1036831	Soil		0.4	17.3	10.3	49	0.1	20.0	8.8	362	1.98	9.8	0.7	10.0	2.4	60	0.3	1.1	0.2	29	0.87	0.073
1036830	Soil		0.6	23.5	10.1	51	0.2	20.0	9.3	399	2.08	28.8	0.9	5.7	1.9	58	0.4	1.9	0.3	29	0.96	0.072
1036833	Soil		0.4	25.0	9.8	45	0.1	17.2	7.8	317	1.54	27.8	0.9	5.4	1.3	70	0.3	1.2	0.3	23	1.61	0.052
1036832	Soil		0.4	36.5	10.2	43	0.4	16.5	6.9	264	1.55	58.9	0.7	7.9	1.4	63	0.3	1.1	1.9	22	1.24	0.051
1036829	Soil		0.5	23.6	10.3	51	0.2	18.9	9.0	289	1.76	12.2	0.9	5.2	2.5	62	0.3	1.6	0.3	27	0.90	0.076
1036827	Soil		0.9	26.1	9.4	63	0.2	23.0	7.9	252	1.97	15.2	1.0	4.4	3.6	52	0.3	1.1	0.2	50	0.73	0.085
1036826	Soil		1.0	30.5	11.6	69	0.3	23.9	9.4	273	2.10	16.5	1.0	11.7	3.4	76	0.6	1.3	0.4	45	1.36	0.070
1036824	Soil		0.7	13.3	10.1	41	0.1	16.3	6.6	304	1.48	10.9	0.5	6.5	1.5	61	0.2	0.8	0.3	26	1.75	0.057
1036823	Soil		0.7	16.8	18.6	68	0.2	22.8	9.1	280	2.10	15.5	0.7	7.4	4.7	56	0.4	1.2	0.4	39	0.81	0.047
1147962	Soil		0.8	15.2	9.8	53	0.2	20.8	8.2	335	1.85	12.8	0.7	7.1	3.0	58	0.5	0.9	0.3	32	0.79	0.051

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Project: MAH
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000232.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1036845	Soil	17	25	0.49	220	0.050	2	1.70	0.051	0.06	0.4	0.02	2.7	0.1	0.06	5	<0.5	<0.2
1036843	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1036841	Soil	19	26	0.48	221	0.045	<1	1.37	0.028	0.06	0.8	0.06	2.6	0.1	<0.05	4	<0.5	<0.2
1036840	Soil	18	30	0.72	268	0.071	2	1.60	0.029	0.10	0.3	0.04	3.3	0.2	0.10	5	1.1	<0.2
1036846	Soil	17	25	0.49	209	0.050	3	1.50	0.065	0.08	0.5	0.04	2.5	0.1	0.06	4	<0.5	<0.2
1036844	Soil	15	24	0.47	287	0.046	3	1.38	0.052	0.06	0.9	0.04	2.5	0.1	0.14	4	<0.5	<0.2
1036839	Soil	17	24	0.46	227	0.037	2	1.17	0.012	0.04	0.4	0.04	2.2	0.2	0.05	4	<0.5	<0.2
1036837	Soil	11	25	0.92	197	0.046	5	1.69	0.048	0.05	0.1	0.06	2.2	0.2	0.18	5	1.7	<0.2
1036842	Soil	22	28	0.51	194	0.064	3	1.29	0.031	0.08	1.5	0.03	2.9	0.2	<0.05	4	<0.5	<0.2
1036838	Soil	18	26	0.42	199	0.040	<1	1.15	0.010	0.06	0.9	0.03	2.1	0.2	0.06	4	<0.5	<0.2
1036835	Soil	16	23	0.75	235	0.028	5	1.57	0.044	0.06	0.3	0.05	2.1	0.2	0.13	5	1.0	<0.2
1036836	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1036849	Soil	9	22	0.34	86	0.029	<1	1.20	0.004	0.05	0.3	0.04	1.5	0.1	<0.05	4	<0.5	<0.2
1050886	Soil	9	25	0.41	105	0.032	1	1.37	0.005	0.05	0.3	0.06	1.7	0.1	<0.05	4	<0.5	<0.2
1036847	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1036848	Soil	11	28	0.67	275	0.063	<1	1.97	0.006	0.08	0.2	0.03	3.2	0.2	0.05	6	<0.5	<0.2
1036850	Soil	8	19	0.31	75	0.025	<1	1.08	0.004	0.04	0.3	0.05	1.1	0.1	<0.05	4	<0.5	<0.2
1036834	Soil	6	9	0.30	147	0.009	13	0.69	0.021	0.04	0.2	0.07	0.7	<0.1	0.22	2	<0.5	<0.2
1036825	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1036828	Soil	10	19	0.40	178	0.019	2	1.30	0.019	0.04	0.4	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1036831	Soil	12	22	0.49	183	0.031	4	1.51	0.065	0.05	0.5	0.04	2.1	0.1	<0.05	4	<0.5	<0.2
1036830	Soil	13	23	0.58	204	0.029	2	1.64	0.043	0.06	0.3	0.05	1.9	0.2	0.06	5	<0.5	<0.2
1036833	Soil	10	18	0.40	198	0.018	3	1.44	0.047	0.03	0.3	0.04	1.5	<0.1	0.08	4	<0.5	<0.2
1036832	Soil	11	17	0.35	140	0.019	2	1.22	0.055	0.03	1.0	0.06	1.3	<0.1	0.08	4	<0.5	<0.2
1036829	Soil	11	22	0.55	167	0.031	<1	1.56	0.068	0.07	0.6	0.04	1.8	0.1	<0.05	5	1.0	<0.2
1036827	Soil	12	35	0.67	241	0.055	1	1.73	0.059	0.10	0.4	0.02	2.6	0.2	<0.05	5	<0.5	<0.2
1036826	Soil	12	27	0.68	250	0.042	3	1.94	0.092	0.11	0.4	0.05	2.7	0.2	<0.05	6	0.7	<0.2
1036824	Soil	8	19	0.33	258	0.022	2	1.19	0.052	0.04	0.4	0.07	1.4	0.1	0.11	4	0.9	<0.2
1036823	Soil	12	28	0.51	180	0.047	2	1.91	0.086	0.06	0.9	0.04	2.6	0.1	<0.05	6	<0.5	<0.2
1147962	Soil	13	22	0.39	155	0.025	2	1.73	0.062	0.04	0.5	0.05	1.9	<0.1	<0.05	5	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1149849	Soil		2.4	69.9	47.8	113	0.6	25.3	12.9	445	3.12	44.1	3.1	3.8	4.1	56	0.3	2.4	1.0	83	0.42	0.127
1149828	Soil		3.0	72.1	17.6	91	1.1	23.9	11.2	337	2.08	102.3	7.1	2.6	2.0	54	0.4	2.6	1.4	51	0.42	0.083
1149827	Soil		2.6	68.9	15.0	96	0.8	25.6	8.4	252	2.15	27.3	2.9	2.8	1.3	57	0.4	3.0	0.6	79	0.30	0.129
1149826	Soil		2.4	44.7	14.8	74	0.3	22.3	10.2	356	1.97	23.0	2.3	4.8	3.2	33	0.2	2.2	0.3	61	0.32	0.123
1149850	Soil		2.3	13.5	11.3	31	0.1	8.4	2.9	101	1.76	22.7	0.4	7.9	0.8	6	0.1	1.2	0.4	58	0.05	0.026
1147965	Soil		1.5	57.3	23.3	65	0.8	32.1	10.1	281	2.31	39.8	0.9	4.6	1.1	13	0.2	1.8	0.3	57	0.11	0.054
1147963	Soil		0.4	12.5	10.1	42	0.1	15.8	7.2	449	1.66	7.3	0.5	1.0	1.3	115	0.3	0.7	0.2	30	1.89	0.064
1147964	Soil		0.6	20.8	20.5	62	0.3	14.6	6.5	236	1.44	160.4	1.0	3.0	1.6	55	0.4	1.2	1.8	25	1.14	0.066
1147966	Soil		2.2	37.4	17.1	56	0.2	26.0	9.1	222	2.05	44.9	0.5	1.9	1.0	12	0.3	1.3	0.2	39	0.09	0.037
1147961	Soil		0.5	40.1	13.2	56	0.2	21.5	8.6	392	1.89	19.8	0.4	9.7	2.9	79	0.5	1.1	0.9	31	1.31	0.070
1147960	Soil		0.7	10.7	12.6	41	<0.1	15.7	7.0	364	1.66	10.7	0.5	1.8	0.9	52	0.3	0.8	0.2	27	1.17	0.065
1149835	Soil		4.0	72.5	16.1	198	1.0	36.6	13.0	267	2.32	14.0	5.0	4.7	2.7	59	0.9	3.3	0.2	109	0.31	0.120
1149832	Soil		1.3	32.0	9.6	61	0.6	15.8	5.6	149	1.52	10.7	2.2	3.1	0.9	30	0.2	1.3	0.2	46	0.18	0.093
1149840	Soil		1.8	60.9	18.8	114	0.3	28.3	8.2	350	2.22	17.0	1.4	2.3	2.5	42	0.3	2.8	0.2	65	0.39	0.093
1149836	Soil		0.9	66.4	20.6	71	0.6	16.8	7.6	379	2.18	719.9	3.0	223.3	3.4	40	0.5	35.8	5.1	29	0.50	0.078
1149834	Soil		1.2	44.5	10.0	104	0.6	21.9	10.0	329	1.64	8.4	2.7	5.3	0.9	55	1.0	1.2	0.2	58	0.47	0.088
1149833	Soil		2.4	56.8	12.8	114	0.7	22.5	7.7	192	1.96	9.7	2.8	4.4	1.1	54	0.8	1.8	0.1	69	0.26	0.109
1149831	Soil		1.3	38.3	9.8	71	0.5	20.6	5.5	137	1.72	17.8	2.3	1.4	1.1	36	0.2	1.6	0.3	55	0.21	0.123
1149837	Soil		1.3	20.7	8.5	75	0.2	16.8	7.8	286	1.82	33.1	1.2	4.1	1.1	29	0.2	1.7	0.3	39	0.43	0.073
1149838	Soil		2.9	76.3	20.6	106	0.4	23.5	6.9	184	2.09	40.2	1.4	4.1	0.1	25	0.4	3.9	0.4	63	0.18	0.117
1149839	Soil		2.0	67.3	18.0	121	0.3	31.8	9.1	369	2.39	17.7	1.6	5.1	3.6	45	0.3	3.0	0.3	74	0.42	0.093
1149830	Soil		1.7	54.3	10.6	76	0.5	24.7	5.8	124	2.03	17.5	2.9	5.4	1.1	38	0.3	1.9	0.4	69	0.21	0.109
1149829	Soil		2.0	42.4	9.4	77	0.5	21.8	6.4	148	1.93	20.6	2.8	5.8	2.3	41	0.2	2.3	0.4	63	0.26	0.099
1149847	Soil		1.0	28.4	12.8	64	<0.1	20.4	9.2	373	2.64	63.7	1.6	5.3	3.5	18	0.3	5.2	0.7	44	0.19	0.056
1149841	Soil		2.6	52.8	21.0	128	0.4	33.8	9.3	295	2.46	21.6	2.3	5.6	5.1	56	0.6	3.6	0.4	92	0.59	0.138
1149843	Soil		0.9	24.4	10.1	63	<0.1	22.0	10.0	374	2.48	53.5	1.4	5.5	5.3	24	0.1	3.4	0.8	47	0.25	0.066
1149844	Soil		0.8	30.0	9.9	64	<0.1	24.0	9.1	327	2.37	60.6	1.2	4.6	5.0	23	0.3	4.6	0.7	43	0.26	0.067
1149846	Soil		0.9	25.1	9.0	57	<0.1	18.3	8.5	283	2.20	86.1	1.5	9.2	4.2	17	0.1	6.8	1.0	42	0.19	0.053
1149845	Soil		0.5	22.6	7.9	49	<0.1	17.3	7.3	189	1.80	34.9	1.2	4.2	3.5	15	<0.1	3.2	0.5	32	0.18	0.061
1149842	Soil		1.0	25.2	10.2	65	<0.1	23.2	10.3	378	2.59	54.6	1.4	3.5	4.9	23	0.1	3.5	0.8	47	0.23	0.065

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000232.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1149849	Soil	24	35	0.90	371	0.094	1	1.91	0.016	0.24	0.4	0.04	2.6	0.5	<0.05	7	1.2	<0.2
1149828	Soil	31	24	0.65	206	0.034	1	1.70	0.013	0.14	0.3	0.08	1.8	0.3	0.09	5	1.5	<0.2
1149827	Soil	9	35	0.88	257	0.045	<1	2.24	0.012	0.27	0.2	0.05	1.8	0.5	0.08	7	0.9	<0.2
1149826	Soil	11	29	0.65	235	0.046	<1	1.54	0.010	0.14	0.4	0.07	2.4	0.3	<0.05	5	0.9	<0.2
1149850	Soil	6	13	0.16	52	0.035	<1	0.79	0.004	0.02	0.4	0.06	0.8	0.1	<0.05	6	<0.5	<0.2
1147965	Soil	9	27	0.47	119	0.028	<1	1.67	0.006	0.05	0.2	0.05	1.6	0.2	<0.05	5	<0.5	<0.2
1147963	Soil	10	27	0.56	174	0.049	2	2.05	0.137	0.07	0.2	0.06	2.0	0.1	0.10	6	<0.5	<0.2
1147964	Soil	13	22	0.35	163	0.023	2	1.11	0.023	0.04	0.3	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
1147966	Soil	8	20	0.32	117	0.021	<1	1.56	0.006	0.04	0.3	0.07	1.3	<0.1	<0.05	4	<0.5	<0.2
1147961	Soil	13	27	0.56	190	0.027	1	1.72	0.043	0.06	0.4	0.04	2.7	0.1	<0.05	5	0.7	<0.2
1147960	Soil	9	19	0.27	149	0.017	<1	1.59	0.042	0.03	0.1	0.04	1.3	<0.1	<0.05	5	<0.5	<0.2
1149835	Soil	11	34	1.28	191	0.052	<1	2.33	0.016	0.23	0.2	0.04	2.7	0.3	<0.05	7	1.8	<0.2
1149832	Soil	9	28	0.65	180	0.034	<1	1.54	0.008	0.16	0.2	0.05	1.3	0.3	<0.05	5	0.9	<0.2
1149840	Soil	13	39	0.89	223	0.051	<1	2.00	0.009	0.08	0.2	0.02	2.8	0.2	<0.05	6	0.9	<0.2
1149836	Soil	19	21	0.37	191	0.021	<1	1.39	0.024	0.05	1.8	0.03	2.3	0.2	<0.05	4	<0.5	<0.2
1149834	Soil	11	28	0.75	224	0.038	<1	1.63	0.021	0.16	0.2	0.06	1.7	0.3	<0.05	5	0.9	<0.2
1149833	Soil	10	29	0.83	217	0.038	<1	1.74	0.017	0.27	0.2	0.06	1.6	0.2	0.07	5	1.2	<0.2
1149831	Soil	10	31	0.78	182	0.044	<1	1.66	0.010	0.19	0.2	0.03	1.6	0.3	<0.05	6	<0.5	<0.2
1149837	Soil	10	26	0.52	176	0.024	1	1.43	0.008	0.04	0.3	0.05	1.7	0.1	0.08	5	0.7	<0.2
1149838	Soil	9	31	0.41	144	0.012	1	1.61	0.005	0.06	0.2	0.04	0.5	0.2	0.05	7	1.5	<0.2
1149839	Soil	15	43	0.95	245	0.058	<1	2.13	0.008	0.09	0.2	0.02	3.5	0.3	<0.05	7	1.0	<0.2
1149830	Soil	12	36	0.80	216	0.050	1	1.82	0.014	0.21	0.2	0.06	1.8	0.3	0.08	6	1.3	<0.2
1149829	Soil	13	30	0.75	233	0.056	1	1.68	0.012	0.23	0.3	0.05	2.3	0.3	0.10	5	0.8	<0.2
1149847	Soil	20	27	0.39	267	0.020	1	1.47	0.004	0.06	0.4	0.04	3.4	0.2	<0.05	4	<0.5	<0.2
1149841	Soil	15	44	1.08	321	0.076	1	2.14	0.015	0.16	0.2	0.04	3.8	0.3	<0.05	7	1.1	<0.2
1149843	Soil	19	30	0.57	267	0.060	<1	1.77	0.007	0.07	0.5	0.03	3.3	0.2	<0.05	5	<0.5	<0.2
1149844	Soil	20	26	0.45	270	0.052	<1	1.31	0.006	0.07	0.6	0.03	3.0	0.2	<0.05	4	<0.5	<0.2
1149846	Soil	18	27	0.44	200	0.053	<1	1.57	0.004	0.06	0.7	0.04	2.9	0.2	<0.05	5	<0.5	<0.2
1149845	Soil	15	21	0.38	140	0.036	<1	1.19	0.003	0.04	0.3	0.04	2.2	0.1	<0.05	3	<0.5	<0.2
1149842	Soil	19	31	0.56	249	0.058	1	1.92	0.006	0.07	0.5	0.02	3.2	0.2	<0.05	5	<0.5	<0.2

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Project: MAH
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000232.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1149848	Soil	0.8	28.6	8.1	54	<0.1	16.9	7.8	228	2.07	76.3	1.8	7.7	4.3	16	<0.1	6.6	1.1	39	0.19	0.066
1097087	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1097096	Soil	1.1	20.8	11.4	70	0.1	20.0	9.4	402	2.48	34.8	8.2	8.5	11.1	24	0.1	1.5	0.6	48	0.27	0.080
1097094	Soil	0.4	13.8	9.2	51	<0.1	19.0	8.5	409	1.70	6.3	0.6	3.6	3.7	146	0.2	0.5	0.2	32	2.05	0.080
1097091	Soil	1.9	147.5	11.2	143	0.4	31.1	8.7	198	2.39	20.2	2.7	5.4	5.5	68	3.9	5.8	0.4	73	0.86	0.159
1097097	Soil	1.3	14.2	9.3	69	<0.1	13.0	7.1	432	2.25	27.1	6.7	5.7	4.8	14	0.2	1.1	0.7	49	0.12	0.055
1097090	Soil	0.8	76.1	11.2	84	0.5	29.7	9.4	360	1.86	19.4	3.0	4.2	2.8	67	0.6	2.1	0.3	61	1.17	0.087
1097089	Soil	1.1	51.9	14.8	108	0.4	41.0	15.2	430	2.99	16.6	1.6	4.0	5.6	69	0.7	1.9	0.3	88	1.07	0.107
1097098	Soil	1.0	17.9	9.3	65	0.1	18.3	8.8	360	2.20	23.1	3.3	4.3	8.2	26	0.2	1.2	0.4	47	0.33	0.078
1097095	Soil	1.3	23.7	12.0	73	0.1	17.8	9.3	409	2.44	44.6	6.5	9.4	15.3	33	0.2	2.3	0.9	53	0.41	0.096
1097093	Soil	0.4	62.6	10.1	52	0.2	21.7	11.4	365	2.53	292.2	0.8	7.8	4.9	251	0.3	1.0	1.1	45	6.28	0.077
1097088	Soil	0.6	24.0	13.6	62	0.2	23.2	9.3	362	2.10	33.9	0.7	2.6	3.8	88	0.6	0.9	0.4	36	1.37	0.091
1097092	Soil	0.9	31.6	8.3	47	<0.1	14.7	7.4	154	2.03	250.1	0.7	3.7	2.7	25	0.9	1.1	3.5	42	0.30	0.044
1071161	Soil	0.7	21.2	10.6	59	0.2	24.0	9.2	338	2.10	18.5	0.8	3.3	2.3	84	0.4	1.4	0.4	51	1.04	0.079
1071159	Soil	1.0	44.1	10.3	72	0.2	28.3	10.8	369	2.58	61.4	1.1	6.9	6.1	53	0.4	1.5	0.5	54	0.58	0.088
1071158	Soil	3.0	101.1	22.4	141	0.4	35.6	13.1	393	3.10	68.3	3.3	8.6	7.0	117	0.9	2.4	0.4	90	0.82	0.139
1071162	Soil	0.5	19.2	9.7	56	0.1	23.8	8.7	316	2.25	12.6	0.6	1.3	4.1	143	0.3	1.5	0.2	47	3.44	0.065
1071160	Soil	1.0	49.3	10.5	71	0.2	27.7	10.7	359	2.47	76.8	1.1	8.1	6.5	54	0.4	1.5	0.7	53	0.60	0.088
1071155	Soil	1.5	37.1	11.7	74	0.2	24.6	9.4	276	2.53	45.0	2.0	17.9	6.4	33	0.3	1.8	0.8	53	0.32	0.081
1071156	Soil	1.9	40.7	13.8	93	0.2	26.1	9.1	208	2.48	67.6	1.5	3.0	2.5	35	0.2	1.4	1.2	64	0.29	0.075
1071157	Soil	2.3	88.8	14.3	116	0.4	32.8	9.7	244	2.49	43.2	1.7	8.0	4.6	86	0.4	2.8	0.3	76	0.69	0.115
1071154	Soil	1.5	20.8	9.0	63	0.2	20.5	7.8	294	2.18	21.4	1.3	9.4	1.0	26	0.2	1.0	0.4	49	0.30	0.066
1097099	Soil	1.0	24.0	9.3	62	0.2	20.5	8.7	297	2.16	20.8	5.4	4.9	9.2	19	0.2	1.0	0.4	40	0.24	0.071
1097100	Soil	1.0	21.5	9.6	70	<0.1	21.8	9.6	391	2.29	22.3	3.2	4.3	9.6	20	0.3	1.2	0.4	45	0.25	0.082
1071166	Soil	1.0	18.2	11.3	77	<0.1	18.7	9.8	364	2.73	49.4	1.7	13.0	11.5	22	0.2	1.8	1.0	59	0.29	0.097
1071167	Soil	1.0	18.8	10.0	64	0.1	17.4	8.0	299	2.23	31.7	1.6	8.7	8.4	24	0.3	1.4	0.6	44	0.32	0.101
1071164	Soil	0.8	20.6	10.0	66	0.2	20.3	8.8	354	2.44	14.0	1.0	7.7	1.9	14	0.2	0.8	0.4	44	0.15	0.071
1071163	Soil	0.8	21.2	7.7	57	<0.1	21.0	7.4	274	2.36	11.3	1.0	10.4	4.1	16	0.3	1.1	0.5	45	0.21	0.076
1149970	Soil	1.5	51.1	16.0	68	0.2	24.2	8.3	287	2.39	18.8	1.5	5.4	3.3	16	0.4	1.4	0.3	61	0.16	0.066
1149968	Soil	1.9	83.0	24.2	120	0.5	34.6	10.2	331	2.69	74.7	2.1	14.9	2.1	28	0.5	2.3	0.5	65	0.26	0.094

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1149848	Soil	19	25	0.42	168	0.056	<1	1.33	0.005	0.08	0.9	0.03	2.3	0.2	<0.05	4	<0.5	<0.2
1097087	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1097096	Soil	30	32	0.54	280	0.081	1	1.52	0.007	0.14	0.9	0.04	3.3	0.3	<0.05	5	<0.5	<0.2
1097094	Soil	14	28	0.64	159	0.061	4	2.09	0.156	0.09	0.6	0.04	2.2	0.1	<0.05	7	0.6	<0.2
1097091	Soil	15	40	0.99	296	0.080	1	1.84	0.032	0.28	0.2	0.03	3.4	0.3	<0.05	6	1.1	<0.2
1097097	Soil	20	31	0.43	135	0.073	2	1.75	0.007	0.08	0.7	0.04	2.3	0.4	<0.05	6	<0.5	<0.2
1097090	Soil	11	38	0.93	262	0.069	2	1.92	0.046	0.16	0.3	0.04	3.1	0.3	<0.05	6	1.3	<0.2
1097089	Soil	14	175	1.75	411	0.146	1	2.49	0.049	0.36	0.5	0.03	5.5	0.4	<0.05	8	0.8	<0.2
1097098	Soil	24	29	0.52	248	0.086	1	1.31	0.006	0.10	1.2	0.02	2.6	0.2	<0.05	5	<0.5	<0.2
1097095	Soil	39	36	0.63	302	0.117	2	1.60	0.011	0.25	1.6	0.03	3.6	0.5	<0.05	6	0.5	<0.2
1097093	Soil	16	38	1.28	231	0.106	2	2.79	0.218	0.29	1.9	0.02	4.5	0.3	<0.05	8	1.0	<0.2
1097088	Soil	18	26	0.50	259	0.045	2	1.92	0.103	0.07	0.5	0.04	2.5	0.1	<0.05	6	<0.5	<0.2
1097092	Soil	13	25	0.54	130	0.082	<1	1.46	0.008	0.11	0.4	0.03	2.1	0.2	<0.05	8	0.7	<0.2
1071161	Soil	14	30	0.73	213	0.043	1	2.32	0.088	0.07	0.2	0.02	2.5	0.2	<0.05	7	0.6	<0.2
1071159	Soil	18	30	0.75	266	0.068	1	1.74	0.031	0.15	0.3	0.02	3.8	0.2	<0.05	5	<0.5	<0.2
1071158	Soil	17	39	1.11	491	0.102	<1	2.52	0.027	0.34	0.4	0.03	4.9	0.4	<0.05	7	1.4	<0.2
1071162	Soil	16	32	0.86	264	0.062	<1	2.16	0.090	0.07	0.2	0.03	3.4	0.1	<0.05	6	0.7	<0.2
1071160	Soil	19	31	0.77	265	0.071	2	1.74	0.031	0.16	0.4	0.03	3.6	0.2	<0.05	5	<0.5	<0.2
1071155	Soil	21	33	0.55	274	0.079	2	1.62	0.011	0.12	0.8	0.03	3.4	0.3	<0.05	5	0.5	<0.2
1071156	Soil	14	33	0.68	217	0.059	<1	2.07	0.007	0.09	0.4	0.03	2.6	0.2	<0.05	6	0.7	<0.2
1071157	Soil	13	37	0.88	333	0.071	<1	2.08	0.017	0.15	0.2	0.03	3.1	0.3	<0.05	6	1.0	<0.2
1071154	Soil	12	28	0.49	278	0.040	1	1.43	0.008	0.06	0.5	0.02	1.6	0.2	<0.05	5	<0.5	<0.2
1097099	Soil	25	25	0.46	261	0.063	<1	1.24	0.005	0.09	0.5	0.03	3.6	0.2	<0.05	4	<0.5	<0.2
1097100	Soil	25	28	0.49	265	0.078	<1	1.32	0.005	0.12	0.8	0.02	2.6	0.3	<0.05	4	0.6	<0.2
1071166	Soil	21	46	0.72	242	0.122	2	2.26	0.009	0.20	1.3	0.02	3.3	0.5	<0.05	7	<0.5	<0.2
1071167	Soil	20	25	0.50	180	0.079	2	1.18	0.011	0.13	1.2	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1071164	Soil	15	24	0.40	164	0.034	2	1.42	0.006	0.07	0.4	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1071163	Soil	18	24	0.35	147	0.049	1	1.07	0.006	0.07	0.6	0.03	2.0	0.1	<0.05	3	<0.5	<0.2
1149970	Soil	15	27	0.46	150	0.040	<1	1.56	0.006	0.05	0.5	0.03	2.4	0.2	<0.05	5	0.7	<0.2
1149968	Soil	16	29	0.47	218	0.039	2	1.76	0.010	0.06	1.2	0.05	2.1	0.2	<0.05	5	0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000232.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1149985	Soil	0.7	20.9	8.8	56	<0.1	19.1	6.6	214	1.90	20.6	0.8	21.9	1.3	20	0.2	1.4	0.5	45	0.19	0.057
1149966	Soil	2.9	72.0	26.3	80	0.1	24.7	8.1	266	2.52	81.5	1.5	6.3	2.3	20	0.3	1.8	0.6	67	0.16	0.048
1149969	Soil	1.4	65.8	22.4	92	0.3	27.3	9.7	408	2.65	27.4	3.1	33.2	5.2	35	0.4	2.1	0.5	63	0.36	0.104
1149967	Soil	1.6	27.5	24.0	75	0.2	24.6	10.9	341	2.75	50.6	1.4	8.5	3.4	23	0.4	1.5	0.7	55	0.20	0.059
1149964	Soil	0.5	18.9	12.9	62	0.2	23.8	9.4	517	2.18	9.9	1.1	110.4	6.0	118	0.4	0.9	0.3	42	1.51	0.115
1149962	Soil	0.5	47.2	13.1	66	0.3	20.7	8.8	353	2.21	32.3	0.9	10.9	3.7	98	0.4	1.3	1.4	44	1.96	0.094
1149965	Soil	0.8	36.7	22.3	78	0.7	22.9	9.5	357	2.53	533.7	1.9	10.5	4.0	57	0.4	2.4	7.0	49	0.68	0.092
1149961	Soil	0.6	16.6	11.1	53	0.2	19.2	9.1	418	2.22	16.0	0.8	4.4	1.4	32	0.4	0.6	0.4	40	0.87	0.063
1149963	Soil	0.5	15.4	11.2	59	0.2	21.1	8.5	508	1.89	15.0	0.6	3.9	1.6	57	0.4	0.7	0.4	31	1.01	0.063
1149987	Soil	0.2	17.4	11.7	69	<0.1	21.7	12.1	366	2.89	35.0	0.5	0.6	7.5	300	0.2	1.9	0.2	54	7.89	0.081
1149984	Soil	3.0	71.2	16.4	107	0.3	44.9	13.4	191	3.12	21.4	2.0	3.7	5.7	52	0.9	3.1	0.4	114	0.55	0.115
1149983	Soil	3.7	146.9	31.7	180	0.9	44.0	10.7	216	2.78	22.1	4.4	9.4	6.2	106	0.9	11.2	0.5	111	1.08	0.128
1149990	Soil	0.8	23.3	9.2	56	<0.1	19.0	7.6	288	2.21	43.6	1.2	8.9	2.6	19	0.2	2.6	0.7	42	0.24	0.067
1149971	Soil	2.0	84.3	19.9	84	0.6	28.4	9.9	293	2.34	20.0	1.7	12.9	4.4	46	0.6	2.3	0.3	61	0.41	0.097
1149986	Soil	0.2	17.9	11.6	67	<0.1	21.4	12.7	371	2.96	38.2	0.5	<0.5	7.9	314	0.1	2.1	0.2	53	8.61	0.079
1149991	Soil	0.7	28.4	8.9	58	<0.1	20.6	8.3	341	2.05	33.8	1.3	2.6	5.7	20	0.2	2.6	0.4	37	0.27	0.071
1149989	Soil	0.6	27.6	10.9	76	0.2	25.5	9.5	366	2.47	27.8	0.8	3.4	5.3	31	0.4	2.5	0.3	45	0.40	0.080
1149972	Soil	2.8	65.1	15.9	107	0.4	30.2	7.5	219	2.57	15.8	3.7	10.6	1.7	72	0.4	3.2	0.4	121	0.47	0.197
1149988	Soil	0.4	23.4	10.0	65	0.1	25.5	12.0	427	2.69	21.1	0.7	0.6	7.4	165	0.1	1.4	0.2	54	4.67	0.074
1149982	Soil	2.7	41.6	11.4	110	0.3	24.7	9.5	409	2.30	15.5	1.5	3.9	3.0	29	0.3	2.1	0.3	70	0.36	0.108
1149980	Soil	3.9	77.7	30.7	172	0.7	43.0	12.8	350	2.79	15.0	8.0	4.5	5.0	81	0.4	2.2	0.5	100	0.79	0.143
1149978	Soil	1.7	60.9	10.3	126	0.5	26.2	8.2	298	1.89	8.6	3.1	5.5	2.6	52	1.1	1.6	0.2	80	0.91	0.103
1149981	Soil	1.4	91.5	20.3	115	0.6	25.3	5.0	126	1.67	7.2	6.0	4.7	2.5	65	1.3	4.5	0.3	79	1.36	0.121
1149979	Soil	2.0	66.2	11.7	114	0.5	28.3	7.8	193	1.95	9.3	3.3	3.7	3.1	50	0.4	1.7	0.3	93	0.71	0.120
1149977	Soil	3.5	72.2	11.9	113	0.6	31.1	9.6	318	2.49	21.4	3.1	12.2	4.7	49	0.4	2.2	0.2	97	0.48	0.133
1149976	Soil	4.0	93.1	15.8	135	0.5	35.5	8.6	309	2.75	57.8	3.8	7.8	3.5	71	0.5	3.4	0.5	115	0.53	0.138
1149975	Soil	2.6	76.4	11.8	91	0.6	26.3	8.7	239	2.25	9.1	4.3	7.4	1.9	51	0.3	2.3	0.2	87	0.34	0.145
1149973	Soil	2.6	95.0	32.3	164	0.6	46.3	19.1	584	3.71	9.0	3.4	3.2	9.8	85	0.7	2.4	0.3	124	0.60	0.154
1149974	Soil	2.6	105.4	16.5	114	0.9	35.5	10.2	288	2.68	12.8	4.7	11.0	2.6	67	0.7	3.0	0.3	100	0.41	0.146
1076036	Soil	0.9	30.4	10.3	86	0.3	24.3	8.1	235	2.13	5.4	1.1	2.4	4.9	43	0.3	1.0	0.2	49	0.44	0.077

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Project: MAH
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000232.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1149985	Soil	14	27	0.55	152	0.042	2	1.67	0.016	0.10	0.2	0.02	1.8	0.1	<0.05	6	<0.5	<0.2
1149966	Soil	15	30	0.45	131	0.042	2	1.76	0.007	0.05	0.4	0.04	2.3	0.2	<0.05	6	0.8	<0.2
1149969	Soil	22	31	0.54	261	0.071	2	1.53	0.010	0.10	1.1	0.04	3.0	0.2	<0.05	5	<0.5	<0.2
1149967	Soil	19	26	0.44	209	0.039	1	1.94	0.008	0.05	0.6	0.07	2.4	0.1	<0.05	5	<0.5	<0.2
1149964	Soil	23	31	0.53	201	0.069	2	2.33	0.181	0.13	1.2	0.05	2.4	0.2	<0.05	7	<0.5	<0.2
1149962	Soil	18	35	0.71	209	0.045	3	2.40	0.055	0.08	0.7	0.03	3.7	0.1	0.05	7	0.7	<0.2
1149965	Soil	22	37	0.61	220	0.041	2	2.22	0.040	0.06	0.5	0.05	3.2	0.2	<0.05	6	<0.5	<0.2
1149961	Soil	14	22	0.40	236	0.023	2	1.56	0.018	0.04	0.3	0.04	2.0	0.1	<0.05	4	<0.5	<0.2
1149963	Soil	16	20	0.36	177	0.027	4	1.48	0.054	0.04	0.3	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1149987	Soil	13	50	1.35	318	0.099	2	4.06	0.354	0.42	<0.1	<0.01	6.1	0.2	<0.05	12	<0.5	<0.2
1149984	Soil	13	51	0.89	223	0.093	3	3.08	0.014	0.09	0.2	0.02	3.6	0.4	<0.05	9	0.9	<0.2
1149983	Soil	16	57	1.01	261	0.098	2	2.57	0.023	0.13	0.3	0.04	4.7	0.5	<0.05	9	1.6	<0.2
1149990	Soil	20	23	0.39	244	0.046	2	1.28	0.007	0.06	0.5	0.02	2.3	0.1	<0.05	4	<0.5	<0.2
1149971	Soil	16	25	0.59	181	0.058	2	1.69	0.013	0.10	0.5	0.03	2.5	0.3	<0.05	5	<0.5	<0.2
1149986	Soil	13	49	1.39	331	0.102	2	3.98	0.342	0.43	<0.1	<0.01	6.2	0.2	<0.05	12	<0.5	<0.2
1149991	Soil	19	22	0.40	255	0.049	2	1.00	0.006	0.05	0.4	0.03	3.1	<0.1	<0.05	3	<0.5	<0.2
1149989	Soil	20	29	0.53	299	0.056	1	1.34	0.012	0.07	0.3	0.05	3.7	0.1	<0.05	4	<0.5	<0.2
1149972	Soil	16	46	1.07	252	0.063	2	2.63	0.021	0.24	0.1	0.03	3.0	0.4	0.06	9	1.1	<0.2
1149988	Soil	18	49	1.05	385	0.125	2	3.37	0.205	0.36	0.1	0.02	6.0	0.2	<0.05	10	<0.5	<0.2
1149982	Soil	14	34	0.62	189	0.053	1	1.64	0.008	0.08	0.3	0.03	2.6	0.2	<0.05	5	0.7	<0.2
1149980	Soil	19	44	1.38	248	0.084	3	2.79	0.025	0.28	0.3	0.04	4.0	0.4	0.07	8	1.0	<0.2
1149978	Soil	12	34	1.37	243	0.072	2	2.07	0.015	0.15	0.2	0.05	3.2	0.2	<0.05	6	1.3	<0.2
1149981	Soil	11	30	1.01	181	0.059	2	1.60	0.013	0.13	<0.1	0.04	2.9	0.3	0.09	5	3.5	<0.2
1149979	Soil	13	37	1.22	232	0.073	2	1.90	0.013	0.15	0.2	0.04	3.3	0.2	<0.05	6	2.1	<0.2
1149977	Soil	16	41	1.29	307	0.084	2	2.56	0.017	0.23	0.3	0.06	3.7	0.3	<0.05	7	0.6	<0.2
1149976	Soil	15	45	1.23	267	0.082	2	2.41	0.018	0.26	0.3	0.02	3.2	0.3	<0.05	8	1.3	<0.2
1149975	Soil	15	39	0.92	268	0.063	1	2.50	0.017	0.23	0.2	0.03	2.8	0.4	<0.05	7	1.2	<0.2
1149973	Soil	24	165	1.96	551	0.178	1	2.65	0.022	0.76	0.5	0.03	5.5	0.8	<0.05	8	1.3	<0.2
1149974	Soil	16	48	1.16	320	0.083	2	2.83	0.023	0.40	0.2	0.03	3.4	0.5	0.07	8	1.6	<0.2
1076036	Soil	20	34	0.67	810	0.058	2	1.65	0.011	0.10	0.2	0.05	3.5	0.2	<0.05	5	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1076039	Soil	1.0	26.1	8.6	69	0.2	21.7	8.1	414	2.01	9.7	1.0	8.5	3.5	31	0.2	1.3	0.3	42	0.41	0.100
1076037	Soil	0.9	22.4	8.4	46	<0.1	16.0	6.0	175	1.84	11.1	0.8	3.0	1.3	17	0.1	1.0	0.2	34	0.21	0.069
1076040	Soil	0.9	22.9	11.2	73	0.2	20.6	7.7	474	2.17	12.3	0.9	3.9	3.1	36	0.4	1.6	0.2	40	0.51	0.102
1076038	Soil	0.9	25.3	8.1	50	<0.1	17.4	6.9	226	1.92	11.4	0.8	2.2	2.3	20	0.1	1.0	0.2	35	0.23	0.075
1076034	Soil	1.0	29.5	12.4	98	0.3	28.6	7.5	323	2.43	8.0	1.1	1.2	4.4	72	0.4	1.6	0.1	47	0.74	0.102
1076033	Soil	1.1	32.5	12.6	100	0.3	30.5	7.8	348	2.44	7.3	1.0	1.7	3.8	71	0.5	1.6	0.1	47	0.79	0.095
1076035	Soil	0.9	28.8	9.9	79	0.3	25.3	8.4	244	2.10	6.5	0.9	2.5	3.1	40	0.4	1.0	0.1	42	0.41	0.083
1149567	Soil	0.7	20.9	12.9	67	0.1	20.6	10.2	425	2.31	22.4	1.3	3.2	1.8	27	0.1	0.7	0.3	43	0.40	0.078
1076020	Soil	2.2	24.0	12.6	57	0.2	16.1	4.3	116	1.68	11.8	1.2	2.1	0.9	20	0.2	1.2	0.2	57	0.19	0.053
1076019	Soil	2.5	30.7	49.6	100	0.5	21.1	6.9	229	1.87	67.7	1.5	4.1	1.9	28	0.3	2.2	0.4	53	0.31	0.075
1076016	Soil	1.9	22.5	13.2	60	0.2	17.2	6.0	161	1.76	16.9	1.1	7.9	2.8	22	0.2	1.1	0.3	37	0.21	0.073
1149564	Soil	0.6	24.4	11.7	50	0.2	19.6	8.4	327	1.93	22.9	0.6	4.0	2.3	33	0.3	0.7	1.0	28	0.54	0.060
1076015	Soil	3.0	22.3	11.7	61	0.3	17.8	7.1	338	1.66	22.6	1.3	7.1	2.0	26	0.2	1.5	0.4	34	0.28	0.079
1076018	Soil	1.9	25.7	22.7	96	0.2	22.3	9.0	394	2.43	25.0	1.8	5.5	3.2	33	0.5	1.7	0.6	57	0.22	0.074
1149566	Soil	0.6	28.2	11.2	49	0.1	17.3	8.0	250	1.82	34.8	1.0	6.2	2.1	23	0.1	0.7	1.1	32	0.38	0.069
1149568	Soil	0.9	19.7	11.9	58	<0.1	17.6	6.7	210	1.95	27.9	1.2	2.6	2.4	22	0.1	0.9	0.3	47	0.24	0.063
1149565	Soil	0.6	25.2	10.1	55	0.1	19.9	8.3	296	1.83	22.8	0.6	4.5	3.1	31	0.3	0.8	1.2	30	0.47	0.061
1149563	Soil	0.6	29.7	10.2	54	0.2	20.0	8.4	348	1.77	36.8	0.6	6.8	2.1	44	0.4	0.8	1.5	28	0.82	0.053
1076017	Soil	3.6	62.9	22.6	132	0.4	31.4	6.3	186	1.83	23.5	3.0	2.7	5.7	67	0.6	4.8	0.3	123	0.53	0.105
1076032	Soil	1.3	94.3	12.8	107	0.5	51.1	14.0	398	3.41	8.5	1.2	2.3	4.8	61	0.7	2.8	0.1	56	0.46	0.117
1076031	Soil	1.1	23.1	11.2	45	0.2	14.3	4.9	168	1.82	6.9	0.8	3.8	0.2	26	0.3	1.5	0.2	36	0.14	0.071
1076023	Soil	2.3	35.6	11.9	90	0.2	23.2	7.7	206	1.86	10.6	1.9	2.7	3.2	29	0.3	1.2	0.2	76	0.27	0.079
1076027	Soil	2.6	29.6	14.5	102	0.4	24.5	8.4	186	1.96	19.0	1.6	2.8	1.2	31	0.3	1.1	0.2	90	0.30	0.075
1076029	Soil	3.1	33.6	15.4	127	0.5	26.4	8.3	388	1.73	11.2	2.5	2.7	1.5	55	0.5	1.4	0.3	82	0.70	0.085
1076024	Soil	2.7	33.6	11.9	86	0.2	24.5	7.9	194	1.84	9.7	1.9	4.8	3.2	26	0.2	1.3	0.2	84	0.26	0.073
1076022	Soil	2.4	36.2	12.0	91	0.3	24.0	7.6	202	1.85	10.9	1.8	5.4	3.0	30	0.3	1.3	0.2	72	0.26	0.079
1076021	Soil	3.1	39.5	13.5	91	0.3	23.9	7.5	174	1.81	11.7	1.8	4.5	2.0	35	0.3	1.7	0.2	77	0.29	0.078
1076030	Soil	2.5	20.7	12.8	60	0.3	15.2	4.4	134	1.50	10.4	1.0	4.8	0.3	23	0.1	1.2	0.2	47	0.17	0.058
1076028	Soil	2.7	23.6	14.6	105	0.5	21.7	7.8	347	1.73	8.6	1.4	2.7	1.2	35	0.4	1.3	0.2	61	0.40	0.079

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS DAW11000232.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1076039	Soil	14	26	0.57	243	0.038	<1	1.37	0.007	0.06	0.5	0.04	2.3	0.1	<0.05	4	0.5	<0.2
1076037	Soil	13	18	0.35	165	0.026	1	0.91	0.005	0.04	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1076040	Soil	15	27	0.57	455	0.040	2	1.37	0.008	0.07	0.4	0.05	2.7	0.1	0.05	5	<0.5	<0.2
1076038	Soil	13	18	0.37	190	0.027	<1	0.91	0.006	0.04	0.2	0.02	1.6	0.1	<0.05	3	<0.5	<0.2
1076034	Soil	14	43	1.41	391	0.064	1	1.99	0.057	0.22	<0.1	0.02	3.8	0.3	0.08	7	0.6	<0.2
1076033	Soil	16	42	1.38	431	0.060	2	2.00	0.055	0.22	<0.1	0.02	3.8	0.3	0.08	7	1.0	<0.2
1076035	Soil	15	29	0.62	864	0.040	<1	1.41	0.011	0.08	0.2	0.05	2.8	0.1	<0.05	5	0.5	<0.2
1149567	Soil	14	26	0.55	241	0.033	1	1.68	0.013	0.04	0.4	0.04	2.0	0.1	0.06	5	<0.5	<0.2
1076020	Soil	10	23	0.50	146	0.029	<1	1.19	0.005	0.04	0.2	0.04	1.4	0.2	<0.05	5	<0.5	<0.2
1076019	Soil	12	26	0.51	172	0.033	2	1.31	0.007	0.05	0.3	0.03	1.7	0.2	<0.05	4	<0.5	<0.2
1076016	Soil	12	19	0.39	205	0.030	<1	1.17	0.005	0.04	0.3	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1149564	Soil	13	18	0.35	230	0.019	1	1.38	0.017	0.03	0.2	0.05	1.9	<0.1	<0.05	4	<0.5	<0.2
1076015	Soil	12	21	0.38	235	0.023	<1	1.15	0.006	0.03	0.4	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
1076018	Soil	14	26	0.47	187	0.047	<1	1.50	0.008	0.04	0.6	0.03	2.0	0.2	<0.05	5	<0.5	<0.2
1149566	Soil	12	23	0.38	194	0.026	1	1.37	0.009	0.03	1.0	0.03	1.8	0.1	0.07	4	<0.5	<0.2
1149568	Soil	13	24	0.48	183	0.041	<1	1.38	0.008	0.05	0.4	0.02	1.9	0.2	<0.05	5	<0.5	<0.2
1149565	Soil	13	19	0.35	200	0.022	<1	1.22	0.020	0.03	0.7	0.04	1.9	<0.1	<0.05	4	<0.5	<0.2
1149563	Soil	12	19	0.36	190	0.022	1	1.24	0.029	0.04	0.7	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1076017	Soil	11	37	1.30	225	0.077	1	1.72	0.024	0.21	0.2	0.02	3.3	0.3	<0.05	6	<0.5	<0.2
1076032	Soil	19	38	1.00	539	0.067	<1	2.05	0.025	0.22	0.1	0.02	4.3	0.3	0.06	7	0.8	<0.2
1076031	Soil	11	24	0.27	127	0.020	<1	1.01	0.007	0.06	0.2	0.04	0.8	0.1	<0.05	4	0.6	<0.2
1076023	Soil	15	29	0.66	218	0.050	<1	1.43	0.007	0.05	0.3	0.03	2.7	0.2	<0.05	4	<0.5	<0.2
1076027	Soil	12	32	0.78	210	0.031	<1	1.59	0.007	0.05	0.2	0.04	2.1	0.3	<0.05	5	1.0	<0.2
1076029	Soil	13	30	0.71	280	0.030	1	1.59	0.007	0.06	0.2	0.05	1.9	0.2	0.05	5	1.2	<0.2
1076024	Soil	15	31	0.63	221	0.048	1	1.38	0.006	0.05	0.3	0.04	2.5	0.2	<0.05	4	<0.5	<0.2
1076022	Soil	15	27	0.63	229	0.043	<1	1.41	0.006	0.05	0.2	0.03	2.5	0.2	<0.05	5	<0.5	<0.2
1076021	Soil	13	31	0.61	202	0.044	<1	1.46	0.008	0.06	0.3	0.03	2.2	0.2	<0.05	5	<0.5	<0.2
1076030	Soil	10	22	0.40	123	0.023	<1	1.08	0.006	0.04	0.3	0.03	0.9	0.2	<0.05	4	0.8	<0.2
1076028	Soil	12	27	0.54	262	0.023	<1	1.37	0.006	0.05	0.2	0.06	2.1	0.2	<0.05	4	0.7	<0.2

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600 - 666 Burrard St.
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Project: MAH
Report Date: September 19, 2011

QUALITY CONTROL REPORT DAW11000232.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1076089	Soil	0.5	33.1	10.8	53	0.2	18.1	8.7	297	1.92	60.9	0.7	10.6	1.7	41	0.3	0.9	1.9	34	0.84	0.073
REP 1076089	QC	0.6	35.6	12.1	56	0.2	20.0	9.0	327	2.08	65.5	0.7	9.1	2.0	45	0.4	0.8	2.2	37	0.91	0.082
1037418	Soil	3.2	27.7	14.8	87	0.4	18.2	6.5	201	1.69	9.8	1.6	6.2	3.6	36	0.3	2.7	0.2	73	0.53	0.096
REP 1037418	QC	3.3	30.0	15.2	91	0.4	19.3	6.7	211	1.77	10.1	1.7	3.2	3.7	36	0.3	2.7	0.2	76	0.54	0.098
1097159	Soil	0.7	18.8	16.2	78	0.2	23.1	9.0	426	2.21	45.8	0.8	4.0	3.9	77	1.3	2.9	0.4	40	1.40	0.065
REP 1097159	QC	0.7	19.7	16.6	78	0.2	22.1	8.9	404	2.20	46.6	0.8	5.3	4.0	75	1.4	2.9	0.4	40	1.36	0.060
1036841	Soil	0.4	23.4	9.6	58	0.1	20.8	8.7	284	2.05	21.5	1.2	17.4	5.1	49	0.2	1.2	0.4	36	0.64	0.077
REP 1036841	QC	0.4	23.9	9.7	58	0.1	22.6	8.7	272	2.04	21.4	1.0	4.2	5.0	48	0.2	1.2	0.4	35	0.65	0.079
1036827	Soil	0.9	26.1	9.4	63	0.2	23.0	7.9	252	1.97	15.2	1.0	4.4	3.6	52	0.3	1.1	0.2	50	0.73	0.085
REP 1036827	QC	0.8	25.4	9.4	61	0.2	22.6	7.7	252	1.94	15.0	1.0	7.1	3.7	52	0.4	1.1	0.2	48	0.77	0.082
1149850	Soil	2.3	13.5	11.3	31	0.1	8.4	2.9	101	1.76	22.7	0.4	7.9	0.8	6	0.1	1.2	0.4	58	0.05	0.026
REP 1149850	QC	2.4	13.3	11.7	31	0.1	8.8	2.9	103	1.76	22.0	0.5	1.7	0.8	6	0.1	1.2	0.4	58	0.05	0.027
1097097	Soil	1.3	14.2	9.3	69	<0.1	13.0	7.1	432	2.25	27.1	6.7	5.7	4.8	14	0.2	1.1	0.7	49	0.12	0.055
REP 1097097	QC	1.1	14.0	9.5	70	<0.1	12.6	6.9	414	2.24	26.9	6.6	4.9	4.9	14	0.2	1.1	0.7	48	0.11	0.055
1097092	Soil	0.9	31.6	8.3	47	<0.1	14.7	7.4	154	2.03	250.1	0.7	3.7	2.7	25	0.9	1.1	3.5	42	0.30	0.044
REP 1097092	QC	0.9	30.7	8.2	47	<0.1	15.3	6.7	150	1.96	245.7	0.8	2.7	2.7	25	0.8	1.0	3.5	42	0.29	0.043
1149961	Soil	0.6	16.6	11.1	53	0.2	19.2	9.1	418	2.22	16.0	0.8	4.4	1.4	32	0.4	0.6	0.4	40	0.87	0.063
REP 1149961	QC	0.5	16.6	11.1	54	0.1	19.1	8.8	421	2.22	15.7	0.9	5.2	1.3	32	0.4	0.6	0.3	41	0.87	0.061
1149989	Soil	0.6	27.6	10.9	76	0.2	25.5	9.5	366	2.47	27.8	0.8	3.4	5.3	31	0.4	2.5	0.3	45	0.40	0.080
REP 1149989	QC	0.7	26.6	11.0	75	0.2	24.8	9.3	352	2.38	27.4	0.8	9.7	5.3	31	0.3	2.6	0.3	45	0.39	0.075
1076016	Soil	1.9	22.5	13.2	60	0.2	17.2	6.0	161	1.76	16.9	1.1	7.9	2.8	22	0.2	1.1	0.3	37	0.21	0.073
REP 1076016	QC	1.8	24.3	13.5	64	0.2	17.7	6.2	166	1.85	18.3	1.1	3.1	3.0	22	0.2	1.1	0.3	41	0.23	0.074
1076032	Soil	1.3	94.3	12.8	107	0.5	51.1	14.0	398	3.41	8.5	1.2	2.3	4.8	61	0.7	2.8	0.1	56	0.46	0.117
REP 1076032	QC	1.3	91.0	12.7	102	0.5	48.3	13.6	393	3.27	8.6	1.2	2.5	4.8	60	0.8	2.8	0.1	57	0.43	0.114
Reference Materials																					
STD DS8	Standard	12.4	124.5	124.8	327	1.8	39.6	8.1	640	2.63	27.2	3.0	109.3	7.0	67	2.8	6.2	7.3	45	0.66	0.091
STD DS8	Standard	14.2	114.8	129.5	326	1.8	41.7	8.2	630	2.58	26.2	3.0	111.9	7.1	66	2.6	5.8	6.9	44	0.72	0.083
STD DS8	Standard	12.9	112.0	126.3	310	1.8	39.0	8.2	620	2.46	26.4	2.8	110.7	6.7	65	2.3	5.5	6.6	43	0.69	0.083

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Project: MAH
Report Date: September 19, 2011

QUALITY CONTROL REPORT DAW11000232.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1076089	Soil	18	20	0.35	233	0.026	2	1.43	0.033	0.05	1.1	0.04	1.9	0.1	<0.05	4	<0.5	<0.2
REP 1076089	QC	18	21	0.37	239	0.026	2	1.47	0.034	0.05	1.0	0.06	2.3	<0.1	<0.05	4	0.5	<0.2
1037418	Soil	16	28	0.56	217	0.042	1	1.26	0.008	0.07	0.3	0.06	2.8	0.4	<0.05	4	0.6	<0.2
REP 1037418	QC	15	30	0.58	215	0.037	<1	1.26	0.008	0.07	0.2	0.07	2.8	0.4	<0.05	5	1.0	<0.2
1097159	Soil	20	28	0.60	173	0.038	4	1.76	0.068	0.05	0.6	0.05	2.6	0.1	0.09	6	<0.5	<0.2
REP 1097159	QC	19	28	0.60	173	0.038	3	1.74	0.068	0.05	0.5	0.05	2.7	0.1	0.08	5	0.5	<0.2
1036841	Soil	19	26	0.48	221	0.045	<1	1.37	0.028	0.06	0.8	0.06	2.6	0.1	<0.05	4	<0.5	<0.2
REP 1036841	QC	19	25	0.48	213	0.045	2	1.38	0.028	0.06	0.8	0.04	2.5	0.1	<0.05	4	<0.5	<0.2
1036827	Soil	12	35	0.67	241	0.055	1	1.73	0.059	0.10	0.4	0.02	2.6	0.2	<0.05	5	<0.5	<0.2
REP 1036827	QC	13	34	0.67	242	0.057	1	1.75	0.065	0.11	0.5	0.04	2.8	0.2	<0.05	5	<0.5	<0.2
1149850	Soil	6	13	0.16	52	0.035	<1	0.79	0.004	0.02	0.4	0.06	0.8	0.1	<0.05	6	<0.5	<0.2
REP 1149850	QC	6	13	0.15	53	0.034	<1	0.73	0.004	0.02	0.6	0.04	0.7	<0.1	<0.05	6	<0.5	<0.2
1097097	Soil	20	31	0.43	135	0.073	2	1.75	0.007	0.08	0.7	0.04	2.3	0.4	<0.05	6	<0.5	<0.2
REP 1097097	QC	20	30	0.42	129	0.067	1	1.66	0.007	0.08	0.7	0.04	2.2	0.4	<0.05	6	0.6	<0.2
1097092	Soil	13	25	0.54	130	0.082	<1	1.46	0.008	0.11	0.4	0.03	2.1	0.2	<0.05	8	0.7	<0.2
REP 1097092	QC	12	25	0.53	128	0.083	1	1.46	0.009	0.10	0.5	0.02	1.9	0.2	<0.05	8	0.5	<0.2
1149961	Soil	14	22	0.40	236	0.023	2	1.56	0.018	0.04	0.3	0.04	2.0	0.1	<0.05	4	<0.5	<0.2
REP 1149961	QC	14	22	0.40	235	0.023	2	1.50	0.018	0.04	0.2	0.02	2.0	0.1	<0.05	4	<0.5	<0.2
1149989	Soil	20	29	0.53	299	0.056	1	1.34	0.012	0.07	0.3	0.05	3.7	0.1	<0.05	4	<0.5	<0.2
REP 1149989	QC	20	28	0.53	296	0.056	2	1.31	0.012	0.07	0.4	0.05	3.6	0.1	<0.05	4	<0.5	<0.2
1076016	Soil	12	19	0.39	205	0.030	<1	1.17	0.005	0.04	0.3	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
REP 1076016	QC	12	20	0.40	204	0.033	<1	1.22	0.005	0.04	0.4	0.02	1.7	0.1	<0.05	4	<0.5	<0.2
1076032	Soil	19	38	1.00	539	0.067	<1	2.05	0.025	0.22	0.1	0.02	4.3	0.3	0.06	7	0.8	<0.2
REP 1076032	QC	18	37	1.00	528	0.065	<1	1.98	0.025	0.21	0.1	0.02	4.3	0.3	0.06	7	0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	122	0.65	280	0.118	3	0.90	0.084	0.42	3.1	0.20	2.0	5.7	0.20	5	6.0	5.4
STD DS8	Standard	15	120	0.64	299	0.122	3	0.94	0.085	0.42	3.0	0.23	2.1	5.6	0.15	5	5.8	5.2
STD DS8	Standard	15	117	0.61	276	0.119	3	0.91	0.092	0.41	2.9	0.19	2.6	5.5	0.15	5	5.4	4.9

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: September 19, 2011

QUALITY CONTROL REPORT DAW11000232.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	12.8	106.8	121.9	322	1.8	35.9	7.2	615	2.41	25.6	2.6	112.2	6.4	63	2.5	5.2	6.3	42	0.72	0.083
STD DS8	Standard	13.6	111.5	118.6	310	1.7	37.6	7.7	618	2.46	24.4	2.9	101.3	7.1	68	2.2	5.2	6.2	44	0.74	0.075
STD DS8	Standard	13.7	122.9	129.2	332	1.8	43.4	8.6	639	2.61	26.0	2.9	115.4	7.2	67	2.7	6.1	7.6	46	0.73	0.083
STD DS8	Standard	11.8	103.8	117.9	301	1.9	36.1	7.1	580	2.33	24.9	2.5	113.3	6.0	62	2.6	5.0	6.4	40	0.62	0.079
STD DS8	Standard	13.2	117.8	119.7	315	1.8	42.3	8.7	620	2.55	24.1	2.5	111.2	6.0	61	2.5	5.5	6.9	48	0.69	0.081
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	0.6	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: September 19, 2011

QUALITY CONTROL REPORT DAW11000232.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	15	113	0.63	277	0.105	3	0.97	0.091	0.43	3.0	0.20	2.5	5.3	0.19	5	5.8	5.4
STD DS8	Standard	17	117	0.59	271	0.127	2	0.91	0.081	0.40	2.8	0.19	2.5	5.2	0.14	5	4.8	5.1
STD DS8	Standard	16	130	0.69	289	0.132	2	0.96	0.086	0.42	3.2	0.20	2.1	5.7	0.19	5	4.9	4.9
STD DS8	Standard	13	112	0.57	244	0.095	3	0.84	0.091	0.43	2.6	0.19	2.7	5.2	0.14	5	5.3	4.8
STD DS8	Standard	14	127	0.63	264	0.124	3	0.91	0.083	0.40	3.0	0.20	2.1	5.4	0.20	5	4.9	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 17, 2011
Report Date: September 18, 2011
Page: 1 of 8

CERTIFICATE OF ANALYSIS DAW11000233.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-06
P.O. Number
Number of Samples: 187

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	187	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	187	Dry at 60C			WHI
1DX2	187	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: MHR
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS DAW11000233.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1156546	Soil	1.3	44.8	27.8	75	0.3	28.8	7.6	266	2.90	10.2	3.5	3.0	1.2	22	0.2	2.3	0.5	29	0.06	0.113
1156545	Soil	1.0	38.3	26.5	81	<0.1	49.3	23.8	610	2.73	8.2	1.1	6.4	5.0	29	0.3	1.8	0.3	29	0.11	0.057
1156547	Soil	0.8	30.5	27.5	75	0.2	28.2	10.3	298	2.69	13.1	1.2	6.8	3.8	12	0.2	2.3	0.4	31	0.06	0.046
1156544	Soil	1.1	31.6	22.4	63	<0.1	29.1	15.9	510	2.58	6.0	1.1	2.8	2.7	11	0.2	1.4	0.3	27	0.04	0.049
1078062	Soil	0.3	187.5	33.1	151	0.3	188.4	45.4	449	4.66	34.9	0.7	1.2	3.6	96	0.5	2.0	0.2	123	0.29	0.079
1078061	Soil	0.6	18.4	12.6	52	<0.1	20.6	8.9	263	2.02	10.4	0.6	1.3	3.8	7	0.2	1.2	0.2	24	0.06	0.030
1078064	Soil	0.7	36.7	33.9	102	0.1	34.2	20.6	468	3.20	28.1	3.0	<0.5	12.9	4	0.2	21.1	0.5	9	0.01	0.043
1078065	Soil	0.9	36.7	16.0	64	0.1	24.5	12.5	294	3.07	11.5	1.2	2.2	2.3	7	0.1	3.1	0.3	25	0.03	0.053
1078063	Soil	0.5	20.5	19.3	46	<0.1	20.6	9.3	389	1.87	7.7	0.5	3.1	4.5	8	0.2	0.7	0.2	28	0.08	0.040
1078066	Soil	1.1	61.5	26.4	101	0.3	35.7	24.6	630	3.65	8.6	2.0	2.1	13.5	7	0.2	3.3	0.6	11	0.02	0.039
1078067	Soil	0.9	19.8	16.6	52	<0.1	16.6	7.3	258	2.39	10.3	0.8	3.0	1.5	9	0.2	1.2	0.3	33	0.05	0.045
1078068	Soil	1.0	28.0	22.8	68	<0.1	29.8	15.7	540	2.93	11.5	0.9	4.1	3.9	14	0.2	2.0	0.3	39	0.08	0.043
1078069	Soil	0.6	19.5	17.0	52	<0.1	21.6	7.5	247	2.19	13.0	0.8	1.5	1.6	7	0.2	1.1	0.2	29	0.05	0.041
1078070	Soil	0.7	12.6	11.2	41	<0.1	16.2	6.7	277	1.93	10.2	0.4	<0.5	1.2	6	0.1	0.7	0.2	26	0.06	0.031
1148745	Soil	0.6	17.5	10.2	44	<0.1	22.3	10.0	304	2.21	131.6	0.7	11.0	8.0	10	0.1	0.8	1.5	31	0.12	0.044
1148746	Soil	0.8	24.9	17.4	75	<0.1	26.6	14.2	454	2.75	11.3	0.8	0.9	6.3	24	0.5	0.6	0.3	46	0.20	0.049
1148744	Soil	0.9	17.9	10.1	42	<0.1	15.6	5.6	195	2.01	8.5	0.5	8.2	2.1	6	0.1	0.6	0.2	37	0.05	0.032
1148747	Soil	0.8	21.2	8.5	43	<0.1	14.8	5.4	163	2.04	13.1	0.6	1.6	2.0	10	0.1	0.5	0.5	31	0.04	0.036
1148748	Soil	0.6	16.4	9.9	39	<0.1	21.9	9.1	280	1.61	35.9	0.6	0.9	2.8	8	0.2	0.7	2.1	35	0.07	0.036
1148749	Soil	0.5	18.5	9.8	42	<0.1	15.3	5.5	162	2.10	11.4	0.6	1.6	2.5	8	0.1	0.6	0.3	36	0.05	0.029
1148750	Soil	1.2	48.3	25.7	93	<0.1	54.0	16.6	450	3.57	11.0	1.2	0.6	8.0	16	0.3	2.6	0.7	39	0.05	0.036
1156542	Soil	1.3	25.5	25.5	69	<0.1	18.3	9.7	384	2.41	10.4	1.0	<0.5	2.8	15	0.1	3.7	0.4	32	0.02	0.034
1156541	Soil	0.7	23.1	11.3	63	<0.1	30.2	10.9	286	2.40	11.8	0.6	2.4	3.3	16	0.3	0.9	0.2	34	0.10	0.036
1156543	Soil	0.9	24.8	19.0	64	<0.1	19.1	9.3	326	2.43	8.4	0.7	<0.5	3.0	10	0.2	1.2	0.2	27	0.06	0.038
1151116	Soil	1.0	20.7	21.8	69	0.2	21.3	7.4	204	2.25	10.4	1.0	1.8	1.9	11	0.3	1.0	0.2	30	0.10	0.054
1151117	Soil	0.7	23.3	21.4	65	0.2	20.0	6.9	227	2.14	10.0	1.3	0.6	4.1	11	0.4	1.2	0.2	29	0.11	0.050
1151118	Soil	0.6	12.9	16.8	54	0.2	16.0	4.6	163	1.96	7.7	1.0	18.0	1.0	12	0.1	0.6	0.3	28	0.11	0.038
1151120	Soil	0.9	25.8	19.6	70	<0.1	23.4	10.6	262	2.48	10.6	1.4	1.2	5.4	14	0.1	1.2	0.3	27	0.06	0.036
1151119	Soil	0.8	21.0	15.9	56	<0.1	18.6	6.2	171	2.05	8.2	1.0	1.4	2.7	11	0.3	0.9	0.2	28	0.11	0.050
1151121	Soil	0.8	34.4	27.5	80	0.1	25.4	10.8	283	2.95	9.9	1.9	4.5	11.6	16	0.2	1.6	0.4	24	0.04	0.036

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Project: MHR
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS DAW11000233.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1156546	Soil		56	28	0.33	79	0.008	1	1.60	0.006	0.14	0.1	0.04	0.9	0.2	0.12	5	0.7	<0.2
1156545	Soil		25	19	0.44	74	0.022	<1	1.23	0.004	0.15	0.2	0.03	1.4	0.1	<0.05	4	0.9	<0.2
1156547	Soil		21	31	0.44	82	0.018	<1	1.33	0.003	0.12	0.2	0.03	1.4	0.2	<0.05	4	0.5	<0.2
1156544	Soil		21	19	0.30	62	0.017	<1	1.01	0.004	0.12	0.2	0.05	0.9	0.1	<0.05	4	1.1	<0.2
1078062	Soil		15	256	2.06	209	0.129	<1	4.44	0.006	0.74	0.1	<0.01	7.3	0.5	<0.05	12	0.8	<0.2
1078061	Soil		14	20	0.33	72	0.016	1	1.01	0.004	0.06	0.1	0.03	1.3	0.1	<0.05	3	1.1	<0.2
1078064	Soil		40	11	0.17	91	0.002	<1	1.15	0.004	0.08	<0.1	0.01	1.0	<0.1	<0.05	3	<0.5	<0.2
1078065	Soil		23	18	0.32	73	0.008	<1	1.21	0.003	0.07	0.1	0.03	1.1	0.1	<0.05	4	0.6	<0.2
1078063	Soil		21	22	0.34	141	0.024	<1	1.14	0.003	0.11	0.1	0.01	1.7	<0.1	<0.05	3	0.6	<0.2
1078066	Soil		44	9	0.13	77	0.004	<1	0.81	0.002	0.09	<0.1	0.03	2.0	0.1	<0.05	2	<0.5	<0.2
1078067	Soil		15	21	0.29	93	0.013	<1	1.22	0.003	0.05	0.2	0.03	1.0	0.1	0.05	4	0.6	<0.2
1078068	Soil		21	52	0.57	101	0.031	<1	1.35	0.003	0.13	0.2	0.02	1.6	0.2	<0.05	4	0.8	<0.2
1078069	Soil		17	25	0.35	64	0.015	<1	1.10	0.003	0.06	0.2	0.03	1.1	0.1	0.06	3	0.6	<0.2
1078070	Soil		9	17	0.28	67	0.012	1	0.94	0.003	0.04	0.1	0.02	0.9	<0.1	<0.05	3	0.8	<0.2
1148745	Soil		20	30	0.45	140	0.072	1	1.32	0.004	0.37	<0.1	<0.01	1.8	0.3	<0.05	4	0.7	<0.2
1148746	Soil		14	60	0.87	227	0.116	<1	1.63	0.008	0.39	0.2	<0.01	3.1	0.3	0.06	5	0.9	<0.2
1148744	Soil		12	21	0.28	62	0.044	1	1.21	0.004	0.13	0.1	0.05	1.3	0.1	<0.05	4	0.6	<0.2
1148747	Soil		11	19	0.26	68	0.032	1	1.11	0.005	0.11	0.1	0.04	1.3	0.1	0.05	4	0.7	<0.2
1148748	Soil		12	24	0.28	76	0.031	<1	1.01	0.004	0.12	<0.1	0.04	1.2	0.1	0.09	3	0.6	<0.2
1148749	Soil		12	19	0.27	65	0.062	<1	0.94	0.004	0.16	0.2	0.04	1.2	0.2	<0.05	4	<0.5	<0.2
1148750	Soil		23	50	0.72	222	0.053	<1	2.12	0.006	0.50	<0.1	0.02	3.0	0.4	<0.05	6	0.6	<0.2
1156542	Soil		22	13	0.16	50	0.021	<1	0.64	0.004	0.14	0.2	0.01	0.9	0.1	0.06	4	0.5	<0.2
1156541	Soil		13	32	0.45	97	0.036	<1	1.33	0.006	0.15	0.2	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
1156543	Soil		18	17	0.30	60	0.019	<1	1.09	0.005	0.08	0.1	0.03	1.2	<0.1	<0.05	4	0.7	<0.2
1151116	Soil		18	21	0.37	79	0.015	<1	1.21	0.005	0.05	0.1	0.03	1.2	0.1	<0.05	4	0.7	<0.2
1151117	Soil		20	18	0.37	110	0.026	1	1.08	0.005	0.06	0.2	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1151118	Soil		15	19	0.36	85	0.010	<1	1.13	0.004	0.05	0.1	0.02	1.0	0.1	<0.05	4	<0.5	<0.2
1151120	Soil		26	23	0.42	112	0.025	<1	1.33	0.005	0.10	0.1	0.02	1.7	0.1	<0.05	4	<0.5	<0.2
1151119	Soil		17	20	0.34	80	0.024	<1	1.10	0.004	0.06	0.2	0.03	1.5	0.1	<0.05	3	0.6	<0.2
1151121	Soil		38	23	0.53	149	0.029	<1	1.41	0.006	0.13	<0.1	0.02	2.3	0.2	0.07	4	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS DAW11000233.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151125	Soil		0.8	23.3	22.6	60	<0.1	18.7	7.7	203	2.39	9.2	1.2	2.5	4.2	12	0.1	0.9	0.3	26	0.03	0.031
1151126	Soil		1.0	26.3	23.8	67	<0.1	20.4	8.2	206	2.64	9.7	1.2	1.8	6.9	12	0.1	1.0	0.3	30	0.03	0.033
1151124	Soil		0.9	21.2	21.7	57	<0.1	16.5	6.3	179	2.33	10.7	1.0	<0.5	3.6	12	0.1	1.0	0.3	27	0.04	0.042
1151123	Soil		0.7	18.6	18.5	55	<0.1	16.0	5.7	166	2.30	10.4	0.8	0.8	4.6	10	0.1	0.9	0.2	28	0.04	0.027
1151122	Soil		0.8	29.4	20.5	70	<0.1	23.9	11.0	328	2.65	10.6	1.5	2.4	7.0	14	0.3	1.2	0.3	29	0.06	0.045
1151127	Soil		0.8	23.3	20.2	62	<0.1	18.6	6.8	172	2.24	8.5	1.1	1.8	4.8	10	0.1	1.0	0.3	31	0.04	0.029
1151128	Soil		0.9	27.5	21.8	68	<0.1	19.6	7.6	171	2.48	9.6	1.2	2.9	5.2	10	0.2	1.0	0.3	33	0.03	0.030
1151129	Soil		1.0	29.1	23.0	67	<0.1	20.8	8.8	215	2.53	10.6	1.4	1.9	4.7	11	0.1	1.1	0.3	35	0.04	0.029
1151130	Soil		1.0	31.5	16.2	67	<0.1	23.8	9.4	295	2.49	11.6	1.2	2.7	3.2	12	0.2	1.0	0.2	37	0.10	0.059
1151131	Soil		0.8	24.6	15.1	53	<0.1	18.8	7.2	175	2.17	9.6	1.2	2.6	1.5	6	0.1	1.5	0.2	39	0.04	0.033
1151133	Soil		0.8	19.9	10.8	50	<0.1	14.8	5.4	166	1.91	10.7	0.9	11.1	2.1	10	0.2	1.1	0.2	34	0.13	0.067
1151132	Soil		0.7	17.4	10.4	47	<0.1	14.4	5.1	145	1.78	7.4	0.8	23.9	1.8	11	0.2	1.0	0.2	34	0.14	0.067
1151134	Soil		0.7	19.6	11.0	49	<0.1	14.5	5.4	160	1.91	10.2	0.9	3.1	2.3	11	0.2	1.0	0.2	35	0.14	0.066
1151135	Soil		1.0	15.3	14.1	53	<0.1	15.2	6.1	235	2.37	14.5	0.8	5.1	0.9	8	0.1	1.3	0.2	42	0.08	0.047
1151136	Soil		1.1	25.1	15.3	70	<0.1	22.7	9.5	381	2.56	20.0	1.1	6.3	2.5	15	0.3	2.4	0.3	45	0.13	0.074
1151138	Soil		1.3	28.9	19.7	77	0.1	25.1	9.9	349	2.56	20.4	1.1	14.5	3.2	18	0.3	2.7	0.3	45	0.17	0.092
1151137	Soil		1.3	19.0	17.7	54	<0.1	17.6	9.1	551	2.53	14.0	1.0	6.6	0.6	18	<0.1	1.2	0.3	47	0.14	0.073
1151139	Soil		1.3	30.0	30.3	75	0.1	22.8	12.0	570	3.09	15.3	1.3	3.6	1.8	16	0.2	2.1	0.5	49	0.13	0.079
1151104	Soil		0.7	48.2	18.0	82	0.1	49.7	24.3	421	2.98	15.0	1.1	3.3	7.5	81	0.2	1.7	0.3	36	0.19	0.064
1151105	Soil		0.9	53.3	23.5	119	0.1	54.9	22.1	1012	3.30	13.4	2.2	1.8	8.2	22	0.6	1.4	0.2	24	0.11	0.048
1151106	Soil		1.0	29.8	27.3	67	<0.1	21.9	13.5	426	2.83	12.3	1.1	13.5	7.3	12	0.3	1.4	0.3	34	0.06	0.044
1151107	Soil		1.1	35.9	34.7	91	0.2	28.0	17.6	637	3.21	11.6	1.3	3.1	6.5	17	0.5	1.4	0.4	31	0.08	0.059
1151108	Soil		1.4	40.9	49.1	97	0.5	26.4	14.0	539	3.34	9.0	1.5	1.1	3.0	17	0.4	2.3	0.5	33	0.07	0.057
1151109	Soil		0.7	57.6	92.9	169	0.8	57.1	24.8	1203	2.99	97.1	3.4	5.9	11.7	12	2.7	8.1	1.0	8	0.05	0.038
1151110	Soil		0.8	52.9	87.3	157	0.8	55.2	22.8	1156	2.74	88.7	3.3	5.3	12.0	12	2.6	7.6	0.9	9	0.04	0.034
1151112	Soil		0.9	30.0	33.3	86	0.4	26.9	10.0	387	2.79	35.5	1.8	2.7	0.9	14	0.4	2.1	0.5	34	0.07	0.059
1151114	Soil		0.9	26.3	21.0	62	0.1	24.3	9.9	350	2.34	29.3	1.3	3.3	1.1	10	0.3	1.2	0.3	36	0.05	0.052
1151111	Soil		1.0	34.6	32.7	104	0.3	32.8	12.8	497	2.98	31.5	1.6	2.2	2.3	17	0.5	3.3	0.4	28	0.09	0.050
1151113	Soil		1.1	28.9	21.5	83	0.1	25.3	10.2	332	2.75	34.5	1.4	2.1	1.8	11	0.3	1.9	0.4	35	0.06	0.048
1151115	Soil		0.9	26.9	26.5	75	0.1	24.1	9.2	299	2.63	23.0	1.2	2.7	2.4	11	0.4	1.5	0.3	36	0.06	0.043

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Client: **Ryan Gold Corp.**
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Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS DAW11000233.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151125	Soil	26	22	0.41	109	0.017	<1	1.46	0.004	0.10	0.1	0.03	1.7	0.2	<0.05	4	<0.5	<0.2
1151126	Soil	28	24	0.41	122	0.023	<1	1.68	0.004	0.10	0.1	0.02	2.1	0.2	<0.05	5	<0.5	<0.2
1151124	Soil	26	22	0.39	89	0.018	<1	1.40	0.005	0.11	0.1	0.02	1.5	0.2	<0.05	4	<0.5	<0.2
1151123	Soil	22	21	0.37	71	0.021	<1	1.23	0.004	0.09	0.2	0.02	1.4	0.1	<0.05	4	<0.5	<0.2
1151122	Soil	27	24	0.42	140	0.031	<1	1.39	0.005	0.10	0.1	0.02	2.3	0.1	<0.05	4	<0.5	<0.2
1151127	Soil	24	21	0.37	116	0.026	<1	1.52	0.003	0.09	0.1	0.03	1.9	0.2	<0.05	4	0.7	<0.2
1151128	Soil	22	22	0.40	119	0.028	1	1.49	0.004	0.08	0.1	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
1151129	Soil	22	25	0.42	182	0.025	2	1.49	0.004	0.07	0.1	0.04	2.5	0.1	<0.05	4	0.6	<0.2
1151130	Soil	16	23	0.39	187	0.028	1	1.36	0.005	0.05	0.2	0.03	2.9	0.1	<0.05	3	<0.5	<0.2
1151131	Soil	16	23	0.31	116	0.022	<1	1.33	0.003	0.04	0.2	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1151133	Soil	13	20	0.30	76	0.022	<1	1.06	0.004	0.03	0.4	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
1151132	Soil	13	20	0.28	79	0.020	2	1.03	0.004	0.03	0.4	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
1151134	Soil	12	21	0.29	74	0.022	1	1.03	0.004	0.03	0.4	0.05	1.3	<0.1	<0.05	3	<0.5	<0.2
1151135	Soil	10	24	0.35	81	0.017	2	1.22	0.005	0.03	0.3	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1151136	Soil	15	27	0.43	146	0.026	<1	1.18	0.004	0.05	0.4	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1151138	Soil	15	28	0.36	128	0.025	<1	1.03	0.004	0.06	0.6	0.06	2.0	0.1	<0.05	3	<0.5	<0.2
1151137	Soil	10	26	0.36	229	0.016	1	1.28	0.006	0.04	0.3	0.04	1.1	0.1	<0.05	5	<0.5	<0.2
1151139	Soil	15	28	0.44	233	0.020	1	1.50	0.005	0.05	0.4	0.04	2.0	0.1	<0.05	4	<0.5	<0.2
1151104	Soil	18	38	0.67	314	0.039	1	1.95	0.009	0.37	0.1	0.03	2.6	0.3	<0.05	5	<0.5	<0.2
1151105	Soil	34	16	0.27	133	0.011	2	0.98	0.004	0.10	0.1	0.02	1.7	0.1	<0.05	3	<0.5	<0.2
1151106	Soil	22	19	0.32	62	0.026	1	1.01	0.004	0.09	0.3	0.05	1.5	0.1	<0.05	3	<0.5	<0.2
1151107	Soil	26	22	0.44	100	0.025	1	1.31	0.005	0.16	0.2	0.04	1.7	0.1	<0.05	4	<0.5	<0.2
1151108	Soil	27	25	0.46	97	0.021	<1	1.41	0.005	0.23	0.1	0.04	1.2	0.2	<0.05	5	0.6	<0.2
1151109	Soil	34	6	0.05	86	0.001	<1	0.42	0.003	0.09	<0.1	0.04	3.3	0.2	<0.05	<1	0.6	<0.2
1151110	Soil	33	7	0.05	83	0.001	1	0.41	0.003	0.09	<0.1	0.03	3.0	0.1	<0.05	<1	0.7	<0.2
1151112	Soil	23	25	0.35	130	0.012	1	1.12	0.006	0.09	0.1	0.03	0.9	0.2	<0.05	4	<0.5	<0.2
1151114	Soil	16	31	0.38	130	0.018	<1	1.20	0.005	0.06	0.2	0.03	1.3	0.2	<0.05	4	0.5	<0.2
1151111	Soil	25	20	0.31	99	0.012	<1	1.07	0.005	0.08	0.2	0.03	1.4	0.1	<0.05	3	0.6	<0.2
1151113	Soil	20	26	0.39	114	0.018	1	1.28	0.005	0.08	0.2	0.03	1.7	0.2	<0.05	4	<0.5	<0.2
1151115	Soil	20	26	0.43	111	0.025	<1	1.32	0.004	0.08	0.2	0.03	1.6	0.2	<0.05	4	0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1145757	Soil		1.0	23.4	16.7	46	<0.1	20.8	9.0	246	2.53	9.8	1.0	2.4	3.5	8	0.1	0.6	0.2	31	0.05	0.044
1145756	Soil		1.0	29.1	34.2	51	<0.1	16.2	5.9	179	3.20	4.2	1.9	1.3	12.3	12	<0.1	0.3	0.5	22	0.03	0.052
1145758	Soil		1.0	25.8	15.8	55	<0.1	26.0	12.5	280	2.39	11.6	1.0	2.0	4.3	9	0.2	0.8	0.2	34	0.07	0.043
1145759	Soil		1.0	20.5	15.7	48	<0.1	19.8	9.4	246	2.29	11.8	0.9	3.2	2.3	7	0.1	0.6	0.2	36	0.05	0.037
1145760	Soil		1.1	23.4	18.9	53	<0.1	34.4	13.3	415	2.59	13.7	0.9	14.4	2.6	9	0.1	1.0	0.2	39	0.07	0.060
1145761	Soil		1.2	24.5	21.0	52	<0.1	23.2	12.1	360	2.71	11.6	0.8	1.6	4.0	11	0.1	2.0	0.2	37	0.09	0.045
1145762	Soil		1.1	17.2	17.0	45	<0.1	19.6	8.8	262	2.37	9.3	0.7	2.2	0.9	6	<0.1	1.2	0.2	43	0.04	0.046
1145763	Soil		1.1	14.0	18.1	38	<0.1	12.9	4.7	105	2.09	6.5	0.7	1.6	0.9	9	<0.1	0.5	0.3	25	0.04	0.038
1145764	Soil		1.2	21.3	16.0	58	<0.1	22.2	9.3	326	2.54	10.9	0.7	2.1	1.3	11	0.2	1.2	0.2	35	0.07	0.059
1145765	Soil		1.0	17.2	18.6	62	<0.1	17.9	9.2	354	2.43	13.4	0.7	2.5	0.8	9	0.3	1.4	0.2	39	0.06	0.049
1145766	Soil		0.9	27.0	31.3	73	<0.1	31.4	13.2	388	2.80	21.0	0.7	3.5	1.7	13	0.2	2.9	0.2	41	0.09	0.056
1145767	Soil		1.4	63.8	18.0	93	<0.1	218.8	41.2	1607	6.33	15.4	0.6	2.7	5.7	60	0.3	2.0	<0.1	162	0.49	0.157
1145768	Soil		1.4	19.5	18.7	75	<0.1	58.9	16.9	706	4.09	30.0	0.6	2.4	3.1	28	0.1	1.4	0.2	98	0.18	0.061
1145769	Soil		5.4	29.2	27.5	106	0.1	123.4	20.0	1970	4.99	24.1	0.8	3.2	3.5	86	0.2	3.4	0.2	134	0.52	0.076
1145770	Soil		7.4	23.6	57.8	331	0.3	33.9	13.5	1668	4.27	10.1	1.1	7.9	6.2	108	0.4	1.5	0.9	73	0.44	0.103
1076441	Soil		0.9	21.6	16.3	51	<0.1	18.0	7.8	205	2.59	8.4	0.8	2.2	1.6	10	0.1	0.8	0.2	35	0.06	0.042
1076444	Soil		0.8	64.8	25.1	107	<0.1	58.8	44.6	1148	4.16	30.3	2.1	1.9	8.9	29	0.2	1.8	0.5	32	0.13	0.055
1076443	Soil		1.3	70.5	45.4	112	0.3	42.8	24.0	855	5.16	13.9	2.0	1.6	12.0	29	0.2	5.4	0.7	26	0.11	0.054
1076446	Soil		0.8	27.7	20.8	58	<0.1	27.2	17.8	576	2.63	9.7	1.0	1.0	3.5	12	<0.1	0.8	0.2	29	0.11	0.041
1076445	Soil		0.9	39.6	30.8	70	<0.1	36.6	21.0	554	3.05	8.0	1.3	1.6	5.8	16	0.1	0.8	0.3	22	0.12	0.052
1076447	Soil		0.9	27.1	25.5	69	<0.1	35.2	17.6	590	2.59	11.1	1.1	<0.5	4.5	16	0.1	0.9	0.3	29	0.11	0.035
1076448	Soil		1.0	35.5	24.9	66	0.2	33.2	15.2	467	3.14	19.5	1.1	2.7	5.0	17	0.2	1.2	0.4	38	0.10	0.044
1076449	Soil		1.0	58.3	26.8	92	0.1	50.2	21.6	978	4.31	14.3	1.9	2.5	14.0	26	0.2	2.7	0.5	30	0.21	0.063
1076450	Soil		1.9	44.3	22.5	76	<0.1	40.9	20.1	355	3.81	22.3	2.2	3.0	11.5	21	0.1	0.7	0.4	26	0.07	0.054
1145751	Soil		1.2	38.9	20.4	72	<0.1	28.0	16.8	430	3.60	24.2	2.5	2.8	12.5	20	0.1	0.9	0.4	21	0.06	0.063
1145752	Soil		0.9	22.2	16.4	69	<0.1	19.4	11.3	264	2.66	10.9	1.3	3.1	2.1	10	0.2	0.6	0.3	32	0.06	0.047
1145753	Soil		0.9	17.7	14.9	48	<0.1	15.9	7.1	191	2.31	13.6	0.8	1.9	2.6	10	0.1	0.7	0.3	34	0.08	0.044
1145754	Soil		1.1	26.0	16.4	66	<0.1	24.9	12.7	329	2.82	10.9	1.3	1.9	3.9	16	0.3	0.7	0.2	40	0.12	0.053
1145755	Soil		0.8	16.4	13.7	55	<0.1	20.4	10.5	326	2.08	8.1	0.8	0.7	2.1	8	0.1	0.5	0.2	25	0.09	0.047
1076442	Soil		0.8	46.7	27.8	94	0.2	76.2	24.6	624	3.80	34.2	1.4	1.8	7.3	31	0.1	2.6	0.4	50	0.13	0.063

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS DAW11000233.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1145757	Soil		18	18	0.32	50	0.016	<1	1.13	0.004	0.02	0.2	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1145756	Soil		37	19	0.51	25	0.008	<1	1.15	0.004	0.02	<0.1	0.02	1.1	<0.1	<0.05	5	0.5	<0.2
1145758	Soil		18	22	0.38	103	0.023	<1	1.31	0.004	0.03	0.1	0.03	2.2	<0.1	<0.05	3	0.6	<0.2
1145759	Soil		15	25	0.34	92	0.018	<1	1.30	0.004	0.03	0.2	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
1145760	Soil		17	41	0.41	71	0.019	<1	1.11	0.003	0.03	0.2	0.03	1.8	<0.1	<0.05	4	0.5	<0.2
1145761	Soil		17	24	0.36	98	0.012	1	1.27	0.003	0.03	0.2	0.03	1.9	<0.1	<0.05	4	0.6	<0.2
1145762	Soil		17	32	0.43	62	0.015	<1	1.21	0.004	0.04	0.1	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
1145763	Soil		18	17	0.25	58	0.009	<1	0.87	0.004	0.04	0.1	0.04	0.6	<0.1	<0.05	3	0.6	<0.2
1145764	Soil		13	23	0.31	76	0.020	<1	1.09	0.004	0.04	0.2	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
1145765	Soil		11	23	0.34	113	0.017	1	1.28	0.004	0.04	0.1	0.03	1.4	<0.1	<0.05	4	0.6	<0.2
1145766	Soil		11	33	0.56	117	0.030	1	1.37	0.004	0.09	0.2	0.02	2.5	0.1	<0.05	4	<0.5	<0.2
1145767	Soil		26	253	2.52	397	0.219	<1	3.02	0.006	0.94	<0.1	0.02	14.8	1.0	<0.05	10	<0.5	<0.2
1145768	Soil		16	99	1.25	201	0.084	1	1.90	0.007	0.16	0.1	<0.01	5.6	0.2	<0.05	7	<0.5	<0.2
1145769	Soil		14	144	2.26	573	0.139	<1	2.25	0.011	0.75	0.1	0.04	10.8	0.5	<0.05	9	1.0	<0.2
1145770	Soil		67	49	0.75	256	0.079	<1	1.46	0.007	0.28	0.2	0.06	6.2	0.3	<0.05	6	0.5	<0.2
1076441	Soil		18	21	0.29	79	0.016	<1	1.15	0.004	0.07	0.2	0.04	1.2	0.1	<0.05	4	0.8	<0.2
1076444	Soil		29	31	0.81	150	0.033	<1	2.10	0.005	0.36	0.1	0.03	2.6	0.3	<0.05	6	0.7	<0.2
1076443	Soil		50	47	0.72	74	0.015	<1	1.79	0.005	0.21	<0.1	0.02	2.6	0.2	<0.05	5	0.9	<0.2
1076446	Soil		25	18	0.38	90	0.013	<1	1.33	0.004	0.11	0.2	0.04	1.4	0.1	<0.05	4	0.8	<0.2
1076445	Soil		31	19	0.47	105	0.010	<1	1.40	0.004	0.14	0.1	0.04	1.3	0.1	<0.05	4	<0.5	<0.2
1076447	Soil		21	20	0.41	97	0.020	<1	1.10	0.004	0.15	0.3	0.02	1.6	0.1	<0.05	3	<0.5	<0.2
1076448	Soil		23	32	0.64	130	0.027	<1	1.43	0.005	0.18	0.2	0.03	2.0	0.2	0.05	4	<0.5	<0.2
1076449	Soil		36	32	1.08	134	0.031	<1	1.90	0.005	0.26	<0.1	0.02	3.4	0.2	0.06	5	0.5	<0.2
1076450	Soil		41	26	0.64	96	0.010	<1	1.53	0.005	0.05	<0.1	0.02	2.3	<0.1	<0.05	4	0.7	<0.2
1145751	Soil		45	18	0.58	76	0.011	<1	1.43	0.005	0.04	<0.1	0.02	1.5	<0.1	<0.05	4	0.5	<0.2
1145752	Soil		25	21	0.46	82	0.015	<1	1.44	0.004	0.04	0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1145753	Soil		19	18	0.30	73	0.016	<1	1.12	0.004	0.04	0.1	0.02	1.3	<0.1	<0.05	4	0.9	<0.2
1145754	Soil		23	24	0.47	213	0.022	<1	1.46	0.005	0.04	0.1	0.03	2.7	<0.1	<0.05	4	<0.5	<0.2
1145755	Soil		12	17	0.32	83	0.014	<1	1.03	0.004	0.03	0.2	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
1076442	Soil		42	136	0.98	123	0.041	<1	2.11	0.010	0.34	0.1	0.03	2.9	0.3	0.10	7	1.0	<0.2

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Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS DAW11000233.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078046	Soil	0.9	62.3	33.2	153	<0.1	74.5	32.3	2144	4.87	16.5	1.3	1.6	8.7	7	0.2	13.5	0.4	21	0.03	0.061
1078044	Soil	0.8	28.7	19.0	74	<0.1	39.4	15.9	574	2.61	10.8	0.7	<0.5	6.6	10	0.4	3.6	0.2	36	0.09	0.044
1149942	Soil	0.3	36.1	30.2	76	<0.1	29.7	15.0	449	3.10	3.6	0.7	1.6	6.1	14	0.2	2.1	0.3	33	0.11	0.041
1149913	Soil	0.4	41.9	29.3	75	0.1	34.6	26.9	427	3.25	5.9	2.1	0.6	15.6	13	0.3	18.6	0.4	25	0.16	0.054
1078045	Soil	1.1	27.3	46.5	103	0.2	35.8	13.8	1039	2.54	27.0	0.8	5.0	5.4	12	0.3	10.8	0.3	23	0.06	0.056
1149912	Soil	0.6	45.6	22.4	76	<0.1	34.4	23.9	492	3.15	10.0	1.0	1.4	8.0	13	0.2	3.0	0.4	33	0.14	0.059
1149947	Soil	0.8	25.6	15.1	48	0.1	37.1	10.8	300	2.28	10.3	0.7	7.4	1.3	12	<0.1	0.7	0.2	41	0.10	0.040
1149948	Soil	0.7	22.1	16.7	51	<0.1	51.9	14.1	477	2.73	16.5	0.6	2.5	1.8	14	<0.1	1.2	0.2	41	0.10	0.041
1149943	Soil	1.7	32.1	27.0	47	<0.1	12.6	4.6	332	3.84	3.0	1.1	<0.5	12.0	10	<0.1	7.6	0.5	13	0.03	0.041
1149944	Soil	0.6	25.9	14.9	52	0.1	19.5	8.0	206	2.17	8.8	0.7	6.2	0.9	19	0.1	0.9	0.2	31	0.10	0.058
1149946	Soil	0.8	18.5	16.5	50	<0.1	20.2	7.5	240	2.20	11.5	0.6	7.5	1.5	11	0.1	0.8	0.2	34	0.10	0.043
1149945	Soil	0.6	18.2	16.2	43	<0.1	17.2	6.8	255	2.26	8.5	0.8	1.7	1.6	7	<0.1	0.7	0.2	31	0.05	0.040
1078033	Soil	0.9	31.2	21.1	66	<0.1	24.4	13.7	174	3.04	13.6	2.2	0.8	6.5	69	0.1	0.8	0.3	23	0.05	0.054
1078037	Soil	1.2	29.4	18.6	63	0.2	20.5	8.0	188	3.10	29.4	1.9	0.6	1.1	18	0.1	0.9	0.5	34	0.05	0.065
1078032	Soil	1.5	14.5	18.2	71	0.1	9.1	4.7	101	3.47	22.1	2.3	0.8	31.4	42	<0.1	0.6	0.4	10	0.02	0.046
1078036	Soil	0.9	24.3	13.2	67	<0.1	20.1	7.9	217	2.86	11.3	1.1	<0.5	2.4	24	0.2	0.8	0.3	37	0.08	0.050
1078035	Soil	1.0	18.0	16.0	45	0.1	11.8	4.6	134	2.35	9.5	1.1	1.4	0.8	31	0.1	0.9	0.3	28	0.04	0.060
1078034	Soil	0.9	33.4	22.7	61	<0.1	23.1	12.1	174	2.74	12.7	1.2	1.7	1.6	21	0.2	0.6	0.4	31	0.05	0.045
1078043	Soil	1.0	25.5	14.2	57	<0.1	19.7	9.8	246	2.52	10.8	1.2	1.5	2.7	27	0.2	1.1	0.4	34	0.08	0.053
1078040	Soil	0.8	18.6	11.8	55	<0.1	19.4	10.3	281	2.14	11.0	0.8	1.9	4.2	14	0.1	0.9	0.2	32	0.11	0.048
1078042	Soil	1.7	25.8	18.2	56	<0.1	19.4	8.3	276	2.59	9.7	1.3	5.8	3.0	22	0.1	1.4	0.3	40	0.07	0.045
1078038	Soil	1.2	23.5	16.8	60	<0.1	28.0	13.0	288	2.51	12.8	1.5	1.2	1.3	14	0.1	1.1	0.4	39	0.07	0.060
1078039	Soil	0.9	25.7	13.1	56	<0.1	12.7	7.9	250	2.90	6.1	1.8	3.9	11.1	24	<0.1	1.2	0.7	25	0.04	0.051
1078041	Soil	0.7	31.4	15.2	63	<0.1	26.7	16.1	265	2.15	8.4	1.6	1.0	7.9	16	0.2	0.9	0.3	27	0.08	0.037
1078049	Soil	0.9	21.9	21.4	44	<0.1	13.4	6.6	251	2.46	8.5	0.9	2.0	1.0	13	<0.1	1.1	0.3	36	0.05	0.052
1078050	Soil	0.7	21.9	54.4	57	0.1	20.2	11.1	442	2.43	15.4	1.1	19.8	2.3	20	0.2	2.9	0.3	32	0.08	0.046
1149901	Soil	0.8	22.4	72.3	58	0.1	20.4	11.2	430	2.52	21.1	1.1	2.5	2.8	18	<0.1	3.3	0.3	34	0.08	0.042
1078047	Soil	0.8	36.3	34.3	68	0.1	33.1	18.2	678	2.53	9.1	1.8	5.7	4.1	16	0.1	1.7	0.3	30	0.10	0.056
1078048	Soil	0.8	37.4	20.3	81	0.1	48.0	16.0	673	3.26	17.8	0.9	2.4	4.8	23	0.2	1.6	0.3	58	0.21	0.098
1149950	Soil	0.9	20.9	36.2	50	<0.1	36.4	10.8	383	2.40	15.7	0.8	<0.5	1.3	9	0.2	1.2	0.3	41	0.07	0.041

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078046	Soil	49	17	0.19	81	0.006	<1	0.67	0.003	0.16	<0.1	0.02	2.5	0.4	<0.05	3	0.6	<0.2
1078044	Soil	38	27	0.45	104	0.037	<1	1.56	0.005	0.16	0.1	0.02	2.4	0.2	<0.05	4	0.6	<0.2
1149942	Soil	32	31	0.86	117	0.035	<1	2.09	0.004	0.36	<0.1	0.02	2.8	0.3	<0.05	7	0.6	<0.2
1149913	Soil	69	23	0.69	92	0.028	<1	1.74	0.002	0.36	<0.1	<0.01	3.1	0.3	<0.05	5	<0.5	<0.2
1078045	Soil	32	14	0.19	96	0.009	<1	0.76	0.002	0.08	<0.1	0.04	1.8	0.2	<0.05	2	0.5	<0.2
1149912	Soil	33	31	0.91	133	0.052	<1	2.19	0.004	0.55	0.1	0.02	2.8	0.3	<0.05	6	<0.5	<0.2
1149947	Soil	19	73	0.46	75	0.019	<1	1.25	0.003	0.06	0.2	0.05	1.9	0.1	<0.05	4	<0.5	<0.2
1149948	Soil	21	121	0.60	78	0.018	<1	1.16	0.004	0.09	0.2	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1149943	Soil	55	13	0.14	55	0.006	<1	0.58	0.003	0.09	<0.1	0.01	1.4	<0.1	<0.05	1	<0.5	<0.2
1149944	Soil	17	19	0.31	75	0.018	<1	1.03	0.005	0.09	0.2	0.05	1.1	<0.1	<0.05	3	0.7	<0.2
1149946	Soil	17	35	0.30	70	0.023	<1	0.95	0.004	0.07	0.2	0.03	1.3	0.1	<0.05	3	0.9	<0.2
1149945	Soil	18	28	0.34	61	0.020	<1	1.18	0.004	0.12	0.1	0.03	1.2	0.1	<0.05	4	<0.5	<0.2
1078033	Soil	46	19	0.43	77	0.014	<1	1.44	0.024	0.11	0.1	0.02	1.3	0.1	0.15	4	<0.5	<0.2
1078037	Soil	34	20	0.38	88	0.012	<1	1.50	0.006	0.05	0.2	0.03	1.0	0.1	<0.05	5	0.8	<0.2
1078032	Soil	85	18	0.77	25	0.014	<1	1.41	0.016	0.08	0.1	0.02	1.2	<0.1	0.09	4	0.7	<0.2
1078036	Soil	23	22	0.46	87	0.024	<1	1.50	0.010	0.06	0.2	0.02	1.5	0.1	<0.05	5	<0.5	<0.2
1078035	Soil	25	17	0.28	72	0.013	<1	1.10	0.012	0.05	0.1	0.04	0.8	0.1	0.07	4	0.9	<0.2
1078034	Soil	34	21	0.41	64	0.014	<1	1.41	0.006	0.05	0.1	0.04	1.0	<0.1	<0.05	4	0.7	<0.2
1078043	Soil	22	20	0.44	92	0.026	1	1.33	0.010	0.06	0.1	0.02	1.3	0.1	<0.05	4	0.7	<0.2
1078040	Soil	17	17	0.39	78	0.028	1	1.07	0.006	0.04	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1078042	Soil	19	22	0.48	97	0.033	2	1.55	0.009	0.07	0.2	0.03	1.8	0.1	<0.05	5	<0.5	<0.2
1078038	Soil	27	22	0.40	78	0.018	2	1.32	0.005	0.05	0.2	0.04	0.9	0.1	<0.05	5	<0.5	<0.2
1078039	Soil	50	20	0.57	81	0.020	1	1.34	0.026	0.05	0.1	0.02	1.1	<0.1	0.12	4	<0.5	<0.2
1078041	Soil	28	18	0.44	124	0.028	<1	1.10	0.007	0.04	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1078049	Soil	22	20	0.29	48	0.020	<1	1.01	0.004	0.07	0.2	0.03	0.8	<0.1	<0.05	4	<0.5	<0.2
1078050	Soil	23	19	0.33	87	0.027	2	1.04	0.005	0.09	0.3	0.02	1.2	0.1	<0.05	3	<0.5	<0.2
1149901	Soil	25	19	0.32	91	0.026	2	1.00	0.004	0.08	0.2	0.04	1.2	0.1	<0.05	3	<0.5	<0.2
1078047	Soil	34	18	0.35	69	0.023	2	1.01	0.005	0.10	0.2	0.03	1.3	0.1	<0.05	3	0.6	<0.2
1078048	Soil	24	57	0.98	115	0.051	2	1.86	0.006	0.10	0.2	0.03	3.2	0.1	<0.05	5	<0.5	<0.2
1149950	Soil	20	62	0.46	66	0.023	<1	1.21	0.004	0.06	0.2	0.03	1.3	0.1	<0.05	4	0.6	<0.2

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600 - 666 Burrard St.
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Project: MHR
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS DAW11000233.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1149904	Soil	1.0	34.6	27.3	78	<0.1	45.3	21.9	826	3.10	24.2	1.1	3.3	4.8	24	0.2	1.5	0.3	52	0.16	0.077
1149949	Soil	1.0	23.7	22.6	53	<0.1	21.5	9.2	296	2.41	10.5	0.8	0.7	1.5	11	<0.1	1.0	0.2	43	0.10	0.039
1149903	Soil	1.0	27.5	23.6	73	<0.1	34.5	16.8	660	2.57	20.3	1.0	0.9	3.8	20	0.2	1.2	0.3	42	0.13	0.064
1149902	Soil	0.6	19.5	20.5	56	<0.1	21.4	10.5	400	2.13	9.8	0.8	1.3	2.6	11	<0.1	1.2	0.2	33	0.10	0.031
1149677	Soil	0.7	10.5	9.0	40	<0.1	12.5	4.4	147	1.81	8.6	0.5	2.0	0.5	10	<0.1	0.6	0.2	37	0.08	0.033
1149671	Soil	1.1	8.2	15.5	26	<0.1	7.4	2.8	102	1.93	9.7	0.5	7.3	2.2	9	<0.1	1.2	0.2	49	0.05	0.027
1149678	Soil	0.8	13.3	9.0	54	<0.1	15.2	7.5	316	2.04	10.2	0.5	1.3	2.0	10	0.1	0.6	0.1	37	0.09	0.039
1149675	Soil	0.9	18.2	10.4	64	<0.1	22.0	9.5	436	2.37	11.6	0.8	6.5	2.4	15	0.1	0.9	0.2	39	0.14	0.052
1149676	Soil	0.7	19.3	10.0	63	<0.1	22.0	9.8	437	2.45	11.4	0.8	2.2	2.3	16	0.1	1.0	0.2	40	0.14	0.051
1149672	Soil	1.1	7.9	16.9	35	<0.1	9.8	4.0	167	1.42	7.2	0.5	1.7	0.7	12	<0.1	2.0	0.2	34	0.10	0.032
1149674	Soil	0.9	19.9	12.2	58	0.1	22.1	7.5	237	2.25	9.0	0.9	2.9	0.9	17	0.1	1.2	0.2	40	0.12	0.055
1149673	Soil	1.0	9.8	19.0	41	<0.1	11.7	3.8	148	1.83	7.4	0.4	1.7	0.6	11	<0.1	2.5	0.2	32	0.09	0.033
1037396	Soil	1.0	13.1	21.8	39	<0.1	9.5	3.5	128	2.07	12.1	0.6	1.7	1.8	7	<0.1	1.1	0.3	41	0.05	0.035
1037394	Soil	1.1	27.8	30.7	77	<0.1	26.1	12.2	436	2.47	14.4	1.3	8.1	2.2	19	0.3	3.2	0.3	43	0.18	0.076
1037398	Soil	1.1	16.8	13.8	34	<0.1	7.1	2.9	100	2.70	5.7	1.3	1.8	11.5	15	<0.1	0.5	0.4	24	0.03	0.041
1149654	Soil	1.2	13.8	15.8	46	<0.1	15.3	7.6	254	2.72	11.2	0.8	2.2	6.2	11	<0.1	0.8	0.3	44	0.08	0.030
1037399	Soil	1.0	8.4	13.4	27	<0.1	8.6	3.5	112	2.30	10.3	0.6	2.0	4.2	9	<0.1	0.7	0.2	46	0.06	0.022
1149655	Soil	0.9	11.3	12.4	34	<0.1	10.1	4.2	150	1.98	9.5	0.8	0.6	0.6	9	<0.1	0.6	0.2	37	0.07	0.038
1037397	Soil	0.8	16.6	21.2	45	<0.1	13.4	6.4	198	2.09	12.7	0.8	4.5	1.1	10	<0.1	1.0	0.2	34	0.09	0.043
1037395	Soil	0.8	21.7	28.4	69	<0.1	19.1	11.2	319	2.35	13.0	1.0	1.8	2.1	12	0.2	1.4	0.4	34	0.10	0.050
1037400	Soil	0.8	14.9	15.2	32	<0.1	11.8	5.2	139	1.91	7.9	0.9	0.6	6.1	11	<0.1	0.5	0.3	32	0.05	0.029
1149656	Soil	1.0	11.7	10.7	35	<0.1	10.2	4.1	125	1.81	8.8	0.8	6.2	1.4	8	<0.1	0.6	0.2	35	0.05	0.030
1149658	Soil	1.2	20.8	15.0	53	<0.1	23.4	10.7	318	2.95	14.3	1.1	1.5	7.4	9	0.1	1.8	0.2	41	0.07	0.041
1149657	Soil	0.9	18.0	16.6	50	<0.1	16.2	7.2	210	2.47	12.5	1.1	2.6	1.2	10	0.1	0.9	0.3	36	0.07	0.039
1149664	Soil	0.6	17.4	10.5	44	<0.1	17.5	6.4	174	1.86	7.5	0.6	1.5	3.0	8	0.1	0.4	0.1	28	0.07	0.031
1149663	Soil	1.0	15.7	13.4	39	<0.1	13.7	5.4	173	1.90	7.1	0.6	1.1	0.4	7	<0.1	0.6	0.2	30	0.05	0.039
1149665	Soil	0.7	15.0	11.2	41	<0.1	14.7	6.2	170	1.99	9.4	0.7	2.4	2.3	7	0.1	0.6	0.2	29	0.09	0.041
1149666	Soil	0.9	12.4	13.5	33	<0.1	11.2	4.1	110	1.66	6.4	0.8	1.5	0.3	7	<0.1	0.3	0.2	28	0.04	0.033
1149667	Soil	0.8	18.8	10.8	53	<0.1	17.0	8.1	222	2.36	11.5	0.9	3.1	2.0	10	0.1	0.6	0.2	35	0.10	0.053
1149659	Soil	0.8	22.5	11.3	53	<0.1	24.7	11.3	293	2.10	11.4	0.7	1.6	4.4	9	0.3	0.7	0.1	33	0.08	0.038

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Project: MHR
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS DAW11000233.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1149904	Soil		28	55	0.81	113	0.047	<1	1.61	0.005	0.12	0.1	0.02	3.1	0.1	<0.05	5	<0.5	<0.2
1149949	Soil		25	30	0.41	79	0.026	2	1.20	0.004	0.08	0.3	0.02	1.2	0.1	<0.05	4	<0.5	<0.2
1149903	Soil		23	37	0.58	94	0.035	<1	1.27	0.004	0.09	0.2	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1149902	Soil		22	26	0.38	99	0.024	1	1.03	0.004	0.07	0.2	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
1149677	Soil		13	20	0.33	75	0.024	1	1.03	0.005	0.04	0.2	0.02	0.9	<0.1	<0.05	4	<0.5	<0.2
1149671	Soil		16	16	0.16	55	0.038	<1	0.92	0.003	0.03	0.2	0.06	1.3	0.1	<0.05	5	<0.5	<0.2
1149678	Soil		13	21	0.37	86	0.024	1	1.14	0.005	0.03	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1149675	Soil		17	32	0.48	104	0.039	2	1.33	0.005	0.06	0.2	0.01	1.9	0.1	<0.05	4	<0.5	<0.2
1149676	Soil		17	32	0.47	104	0.040	1	1.29	0.006	0.07	0.2	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
1149672	Soil		11	15	0.21	78	0.020	<1	0.80	0.006	0.03	0.1	0.04	0.8	<0.1	<0.05	4	<0.5	<0.2
1149674	Soil		17	26	0.42	156	0.024	2	1.22	0.008	0.06	0.2	0.04	1.5	0.1	<0.05	4	<0.5	<0.2
1149673	Soil		10	18	0.25	60	0.026	<1	0.80	0.007	0.03	0.2	0.03	0.8	<0.1	<0.05	4	<0.5	<0.2
1037396	Soil		17	13	0.16	46	0.024	<1	0.80	0.004	0.05	0.2	0.04	0.8	<0.1	<0.05	4	<0.5	<0.2
1037394	Soil		26	23	0.45	88	0.036	1	1.24	0.007	0.07	0.2	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
1037398	Soil		53	12	0.30	41	0.006	<1	1.06	0.004	0.04	<0.1	0.03	0.7	0.1	<0.05	4	<0.5	<0.2
1149654	Soil		20	24	0.35	84	0.035	1	1.70	0.007	0.04	0.2	0.04	2.0	0.1	<0.05	4	0.6	<0.2
1037399	Soil		20	16	0.22	52	0.030	1	0.93	0.006	0.03	0.2	0.02	1.1	0.1	<0.05	5	0.7	<0.2
1149655	Soil		15	18	0.26	69	0.019	2	1.08	0.004	0.03	0.1	0.03	0.9	<0.1	<0.05	4	<0.5	<0.2
1037397	Soil		16	16	0.26	65	0.018	<1	0.94	0.004	0.05	0.2	0.03	0.9	<0.1	<0.05	3	<0.5	<0.2
1037395	Soil		24	18	0.40	111	0.019	<1	1.38	0.005	0.10	0.2	0.02	1.1	0.1	<0.05	4	<0.5	<0.2
1037400	Soil		26	15	0.26	40	0.021	<1	0.99	0.004	0.03	0.1	0.03	0.9	<0.1	<0.05	4	<0.5	<0.2
1149656	Soil		16	18	0.27	59	0.019	<1	1.00	0.005	0.03	0.1	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1149658	Soil		21	25	0.38	73	0.026	<1	1.66	0.005	0.04	0.2	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1149657	Soil		19	24	0.42	99	0.022	<1	1.34	0.004	0.04	0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1149664	Soil		13	21	0.34	68	0.018	1	1.09	0.004	0.03	0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1149663	Soil		13	18	0.29	45	0.015	2	0.91	0.005	0.03	<0.1	0.01	0.4	<0.1	<0.05	4	<0.5	<0.2
1149665	Soil		12	19	0.30	70	0.016	1	1.13	0.004	0.03	0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1149666	Soil		18	17	0.23	64	0.012	1	0.84	0.005	0.03	<0.1	0.03	0.5	<0.1	<0.05	3	<0.5	<0.2
1149667	Soil		14	24	0.38	83	0.028	1	1.35	0.005	0.03	0.2	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
1149659	Soil		13	21	0.36	103	0.025	1	1.12	0.005	0.03	0.2	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1149662	Soil	0.8	13.5	12.5	31	<0.1	11.6	3.9	107	2.05	8.3	0.8	1.2	0.4	7	0.1	0.4	0.2	34	0.05	0.033
1149661	Soil	0.8	18.3	14.0	39	<0.1	13.4	6.3	189	2.10	9.8	0.9	1.8	2.0	7	0.1	0.6	0.2	33	0.05	0.034
1149670	Soil	1.0	10.8	11.3	46	<0.1	13.1	5.8	210	2.57	12.1	0.5	1.7	2.5	7	0.2	0.7	0.2	50	0.07	0.025
1149660	Soil	0.9	12.8	15.8	43	<0.1	17.8	8.6	202	2.50	9.2	0.7	1.3	6.2	7	0.2	0.7	0.2	43	0.05	0.025
1149668	Soil	0.9	17.8	12.3	55	<0.1	20.9	9.3	282	2.57	12.5	0.6	0.7	4.9	8	0.2	0.7	0.1	47	0.06	0.022
1149669	Soil	1.2	12.7	12.5	47	<0.1	14.6	6.2	231	2.72	11.9	0.5	6.4	2.7	9	0.2	0.7	0.2	56	0.07	0.025
1078031	Soil	0.8	15.9	10.9	41	<0.1	15.3	5.8	157	1.70	7.6	0.9	6.6	2.8	19	<0.1	0.5	<0.1	28	0.17	0.052
1078027	Soil	1.0	27.1	31.7	57	<0.1	28.2	13.4	482	2.62	12.9	2.1	2.5	5.4	17	0.2	2.0	0.2	38	0.15	0.063
1078029	Soil	1.7	28.8	23.5	76	0.1	30.6	13.6	491	2.99	11.0	2.5	3.7	6.2	25	0.1	1.6	0.2	40	0.16	0.055
1078028	Soil	1.5	29.1	22.0	81	0.1	28.7	13.3	429	2.88	8.2	2.2	2.1	7.1	36	0.2	1.3	0.3	35	0.20	0.066
1078030	Soil	2.0	25.9	21.7	67	0.1	26.7	11.8	305	2.69	9.2	2.8	4.9	6.4	36	0.2	2.0	0.3	31	0.21	0.061
1076025	Soil	2.6	24.2	12.5	83	0.3	21.6	6.2	139	1.69	8.5	1.4	1.9	1.3	26	0.2	1.0	0.2	83	0.24	0.077
1076026	Soil	2.6	30.0	11.0	95	0.2	22.3	7.9	249	1.75	9.1	1.7	3.5	3.0	33	0.3	1.1	0.2	82	0.33	0.092
1149890	Soil	2.6	76.0	44.0	85	<0.1	30.5	12.9	207	4.56	5.9	4.7	2.0	26.7	29	0.1	0.7	0.7	14	0.06	0.061
1149893	Soil	0.9	26.8	13.6	64	0.1	21.7	8.5	313	2.30	9.3	1.2	3.0	4.4	19	0.3	0.6	0.2	35	0.17	0.061
1149888	Soil	1.4	25.2	25.3	73	<0.1	41.3	12.9	254	3.38	29.5	2.2	1.3	9.0	18	0.2	0.8	0.3	34	0.08	0.064
1149823	Soil	1.3	16.6	18.8	68	0.1	22.0	9.2	238	2.73	14.3	0.7	4.2	5.0	9	0.4	0.6	0.2	54	0.06	0.032
1149892	Soil	0.7	24.5	15.2	52	<0.1	19.4	8.5	200	2.08	9.8	1.5	2.4	1.0	15	0.2	0.5	0.2	30	0.12	0.059
1149889	Soil	1.0	38.0	36.2	66	<0.1	18.3	8.8	191	3.34	7.2	2.5	0.8	19.2	25	<0.1	0.5	0.5	22	0.04	0.036
1149822	Soil	0.8	28.6	18.7	71	0.1	21.6	11.1	339	2.41	12.6	2.4	3.6	4.1	14	0.2	0.6	0.2	39	0.12	0.064
1149825	Soil	1.2	47.1	52.1	75	0.1	10.3	6.1	210	4.49	8.0	2.3	0.9	23.0	50	<0.1	0.7	0.8	13	0.02	0.073
1149887	Soil	1.1	23.5	33.8	61	<0.1	8.9	5.4	213	2.80	4.9	1.4	1.1	20.3	28	<0.1	0.5	0.6	15	0.03	0.043
1149886	Soil	1.0	26.5	30.5	76	<0.1	22.3	9.2	168	2.72	17.7	1.5	1.0	17.7	20	0.2	0.4	0.3	19	0.03	0.035
1149824	Soil	2.4	54.5	58.6	94	0.2	26.7	12.2	223	4.27	6.7	5.5	3.7	22.7	32	0.3	1.2	0.8	17	0.04	0.060
1149891	Soil	1.9	50.6	41.9	97	0.4	63.7	48.6	428	3.90	11.0	4.5	1.9	17.6	29	0.4	0.9	0.4	20	0.10	0.058
1078026	Soil	1.0	25.9	17.0	57	<0.1	24.1	10.5	343	2.55	10.2	1.5	10.4	6.5	18	0.2	1.5	0.2	32	0.17	0.065
1149740	Soil	1.0	32.4	11.2	83	0.1	28.0	8.5	279	2.17	8.0	0.7	0.9	4.7	31	0.5	0.9	0.1	44	0.35	0.090
1149900	Soil	1.1	26.7	10.6	66	0.1	21.9	8.3	275	2.24	10.8	0.7	2.3	3.4	22	0.2	0.7	0.2	40	0.22	0.071
1078023	Soil	1.3	36.6	23.3	85	<0.1	31.6	13.9	532	3.02	12.9	0.8	5.8	8.6	24	0.3	3.1	0.3	42	0.22	0.081
1078025	Soil	1.3	18.8	12.6	59	0.1	19.5	11.3	369	2.27	10.1	1.6	0.8	3.3	26	0.2	1.2	0.2	34	0.23	0.076

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS DAW11000233.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1149662	Soil	15	23	0.25	50	0.015	1	1.07	0.006	0.03	0.1	0.04	0.7	<0.1	<0.05	4	<0.5	<0.2
1149661	Soil	17	17	0.29	69	0.015	<1	1.07	0.004	0.03	0.1	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2
1149670	Soil	10	24	0.31	81	0.031	1	1.55	0.004	0.03	0.2	0.03	1.5	<0.1	<0.05	5	<0.5	<0.2
1149660	Soil	17	22	0.33	82	0.025	<1	1.69	0.005	0.04	0.1	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
1149668	Soil	13	27	0.43	152	0.038	2	1.48	0.006	0.03	0.2	0.04	2.5	<0.1	<0.05	4	<0.5	<0.2
1149669	Soil	12	28	0.34	78	0.037	1	1.61	0.005	0.04	0.2	0.05	1.9	<0.1	<0.05	5	<0.5	<0.2
1078031	Soil	17	18	0.30	113	0.024	2	0.82	0.005	0.03	0.3	0.04	1.4	<0.1	<0.05	2	<0.5	<0.2
1078027	Soil	23	26	0.49	160	0.030	1	1.25	0.005	0.05	0.2	0.03	3.0	<0.1	<0.05	3	<0.5	<0.2
1078029	Soil	33	30	0.57	174	0.024	1	1.31	0.004	0.06	0.2	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
1078028	Soil	33	30	0.63	112	0.029	1	1.29	0.004	0.07	0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
1078030	Soil	36	27	0.55	107	0.025	1	1.17	0.005	0.06	0.2	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1076025	Soil	13	31	0.68	174	0.044	2	1.55	0.008	0.06	0.2	0.04	1.9	0.2	<0.05	5	<0.5	<0.2
1076026	Soil	15	30	0.78	201	0.052	<1	1.40	0.008	0.06	0.3	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1149890	Soil	54	16	0.60	122	0.009	<1	1.38	0.005	0.03	<0.1	0.01	1.4	<0.1	<0.05	4	<0.5	<0.2
1149893	Soil	22	23	0.42	251	0.036	1	1.08	0.006	0.04	0.2	0.05	2.2	<0.1	<0.05	3	<0.5	<0.2
1149888	Soil	26	33	0.40	128	0.015	<1	1.39	0.005	0.05	0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1149823	Soil	13	30	0.44	143	0.037	2	1.82	0.005	0.04	0.2	0.03	2.2	<0.1	<0.05	5	<0.5	<0.2
1149892	Soil	19	20	0.38	134	0.019	<1	1.10	0.006	0.04	0.2	0.05	1.3	<0.1	<0.05	3	<0.5	<0.2
1149889	Soil	44	19	0.56	84	0.013	<1	1.38	0.006	0.04	<0.1	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2
1149822	Soil	17	25	0.47	140	0.029	2	1.53	0.007	0.04	0.2	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
1149825	Soil	47	19	0.71	35	0.004	2	1.54	0.007	0.03	<0.1	0.01	0.8	<0.1	<0.05	5	<0.5	<0.2
1149887	Soil	38	17	0.54	56	0.005	<1	1.22	0.008	0.04	<0.1	<0.01	0.9	<0.1	<0.05	3	<0.5	<0.2
1149886	Soil	32	18	0.50	89	0.008	<1	1.44	0.005	0.04	<0.1	0.01	0.9	<0.1	<0.05	3	<0.5	<0.2
1149824	Soil	39	17	0.58	160	0.015	<1	1.23	0.007	0.04	<0.1	<0.01	1.6	<0.1	<0.05	4	<0.5	<0.2
1149891	Soil	36	17	0.48	129	0.022	<1	1.24	0.006	0.04	<0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1078026	Soil	24	26	0.50	178	0.026	<1	1.20	0.005	0.05	0.2	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
1149740	Soil	15	26	0.48	490	0.047	3	0.98	0.015	0.06	0.3	0.04	3.1	<0.1	<0.05	3	<0.5	<0.2
1149900	Soil	18	24	0.44	268	0.036	<1	1.07	0.009	0.04	0.2	0.05	2.4	<0.1	<0.05	3	<0.5	<0.2
1078023	Soil	27	30	0.57	162	0.043	<1	1.28	0.006	0.09	0.2	0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
1078025	Soil	18	23	0.45	202	0.015	<1	1.14	0.007	0.04	<0.1	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS DAW11000233.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1149895	Soil	1.0	25.6	14.5	67	<0.1	21.5	8.9	277	2.45	9.5	1.1	2.9	5.2	20	0.2	0.6	0.2	35	0.19	0.046
1078024	Soil	0.8	19.5	8.6	55	<0.1	16.1	5.9	167	2.08	9.9	0.6	4.2	2.0	15	0.1	0.7	0.1	36	0.19	0.067
1149898	Soil	0.9	22.6	10.7	58	<0.1	19.7	7.4	236	2.14	8.1	0.6	2.8	4.3	19	0.1	0.5	0.2	36	0.20	0.048
1149894	Soil	1.1	23.4	14.5	64	<0.1	21.5	10.0	385	2.39	10.8	1.0	1.4	4.0	13	0.2	0.6	0.2	35	0.11	0.038
1149897	Soil	1.3	26.2	13.1	68	0.1	22.2	8.2	246	2.48	8.9	1.0	1.7	4.4	20	<0.1	0.5	0.2	40	0.17	0.043
1149896	Soil	1.2	25.9	15.5	70	0.1	21.5	8.8	244	2.49	9.9	1.1	3.4	4.2	19	0.1	0.5	0.2	37	0.17	0.049
1149899	Soil	0.8	21.2	8.5	50	<0.1	16.4	7.2	206	1.82	8.4	0.5	2.5	2.6	15	<0.1	0.5	0.1	31	0.19	0.060

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Project: MHR
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS DAW11000233.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1149895	Soil	22	22	0.44	239	0.027	1	1.30	0.006	0.04	0.2	0.02	2.6	<0.1	<0.05	4	0.7	<0.2
1078024	Soil	16	19	0.32	183	0.026	1	1.00	0.006	0.04	0.3	0.05	2.0	<0.1	<0.05	3	0.5	<0.2
1149898	Soil	20	21	0.40	256	0.030	<1	1.22	0.007	0.04	0.2	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
1149894	Soil	21	21	0.36	191	0.023	1	1.08	0.005	0.04	0.2	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
1149897	Soil	23	25	0.47	270	0.031	<1	1.43	0.007	0.04	0.1	0.06	2.9	<0.1	<0.05	4	<0.5	<0.2
1149896	Soil	22	23	0.43	265	0.022	<1	1.36	0.006	0.04	0.1	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
1149899	Soil	16	18	0.31	204	0.029	1	0.92	0.005	0.04	0.3	0.03	2.4	<0.1	<0.05	3	0.5	<0.2

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QUALITY CONTROL REPORT DAW11000233.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1078062	Soil	0.3	187.5	33.1	151	0.3	188.4	45.4	449	4.66	34.9	0.7	1.2	3.6	96	0.5	2.0	0.2	123	0.29	0.079
REP 1078062	QC	0.3	179.2	34.4	145	0.3	186.7	42.4	454	4.44	34.9	0.7	2.1	3.9	90	0.5	1.9	0.2	122	0.28	0.074
1156542	Soil	1.3	25.5	25.5	69	<0.1	18.3	9.7	384	2.41	10.4	1.0	<0.5	2.8	15	0.1	3.7	0.4	32	0.02	0.034
REP 1156542	QC	1.0	25.7	25.7	70	<0.1	16.6	9.6	372	2.37	10.1	0.9	1.2	2.9	16	0.2	3.7	0.4	31	0.02	0.035
1151108	Soil	1.4	40.9	49.1	97	0.5	26.4	14.0	539	3.34	9.0	1.5	1.1	3.0	17	0.4	2.3	0.5	33	0.07	0.057
REP 1151108	QC	1.3	39.6	47.8	97	0.5	26.0	13.6	506	3.20	9.1	1.4	2.3	2.8	16	0.4	2.2	0.4	31	0.07	0.059
1151112	Soil	0.9	30.0	33.3	86	0.4	26.9	10.0	387	2.79	35.5	1.8	2.7	0.9	14	0.4	2.1	0.5	34	0.07	0.059
REP 1151112	QC	1.0	32.3	36.0	91	0.4	27.5	10.2	385	2.74	36.1	1.9	15.8	1.0	14	0.4	2.2	0.5	32	0.08	0.064
1145752	Soil	0.9	22.2	16.4	69	<0.1	19.4	11.3	264	2.66	10.9	1.3	3.1	2.1	10	0.2	0.6	0.3	32	0.06	0.047
REP 1145752	QC	1.0	22.6	16.8	71	<0.1	19.9	11.4	280	2.62	11.5	1.4	1.4	2.2	10	0.2	0.6	0.3	31	0.06	0.049
1078046	Soil	0.9	62.3	33.2	153	<0.1	74.5	32.3	2144	4.87	16.5	1.3	1.6	8.7	7	0.2	13.5	0.4	21	0.03	0.061
REP 1078046	QC	1.0	60.9	35.9	162	<0.1	75.2	33.2	2181	5.00	17.6	1.4	2.5	8.3	7	0.3	14.5	0.4	20	0.03	0.062
1149677	Soil	0.7	10.5	9.0	40	<0.1	12.5	4.4	147	1.81	8.6	0.5	2.0	0.5	10	<0.1	0.6	0.2	37	0.08	0.033
REP 1149677	QC	0.7	11.4	9.2	44	<0.1	13.3	4.6	149	1.85	9.1	0.6	1.8	0.5	11	<0.1	0.6	0.1	39	0.09	0.037
1037394	Soil	1.1	27.8	30.7	77	<0.1	26.1	12.2	436	2.47	14.4	1.3	8.1	2.2	19	0.3	3.2	0.3	43	0.18	0.076
REP 1037394	QC	1.1	28.3	31.9	78	<0.1	25.5	12.1	473	2.62	15.0	1.3	1.4	2.4	19	0.3	3.7	0.3	45	0.19	0.081
1149670	Soil	1.0	10.8	11.3	46	<0.1	13.1	5.8	210	2.57	12.1	0.5	1.7	2.5	7	0.2	0.7	0.2	50	0.07	0.025
REP 1149670	QC	1.0	10.5	11.2	44	<0.1	12.9	6.0	207	2.54	11.0	0.5	1.8	2.5	7	0.2	0.7	0.2	47	0.07	0.025
1078031	Soil	0.8	15.9	10.9	41	<0.1	15.3	5.8	157	1.70	7.6	0.9	6.6	2.8	19	<0.1	0.5	<0.1	28	0.17	0.052
REP 1078031	QC	0.7	15.7	10.6	41	<0.1	14.2	5.6	154	1.68	7.8	0.8	7.2	2.8	18	0.1	0.5	0.1	27	0.16	0.055
1149889	Soil	1.0	38.0	36.2	66	<0.1	18.3	8.8	191	3.34	7.2	2.5	0.8	19.2	25	<0.1	0.5	0.5	22	0.04	0.036
REP 1149889	QC	0.9	36.6	36.3	64	<0.1	17.6	8.5	189	3.33	7.0	2.6	2.5	19.6	25	0.1	0.5	0.5	21	0.04	0.040
Reference Materials																					
STD DS8	Standard	11.8	124.3	122.1	319	1.7	38.4	8.1	600	2.48	25.6	2.7	112.4	6.6	61	2.4	5.1	7.5	44	0.64	0.085
STD DS8	Standard	14.1	118.4	133.7	332	2.0	40.2	8.3	653	2.65	27.1	3.1	119.6	8.2	78	2.7	6.2	7.5	47	0.75	0.083
STD DS8	Standard	11.9	107.0	122.6	302	1.7	36.0	7.2	588	2.37	24.5	2.5	110.6	5.7	61	2.1	4.7	6.1	39	0.59	0.078
STD DS8	Standard	12.7	106.1	125.1	320	1.8	37.3	7.2	608	2.45	25.3	2.4	113.1	6.4	61	2.4	5.0	6.3	42	0.68	0.079
STD DS8	Standard	12.1	97.1	109.8	283	1.6	34.0	6.5	535	2.20	22.4	2.3	104.0	5.6	55	2.2	4.2	5.5	37	0.63	0.070

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 18, 2011

QUALITY CONTROL REPORT DAW11000233.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1078062	Soil	15	256	2.06	209	0.129	<1	4.44	0.006	0.74	0.1	<0.01	7.3	0.5	<0.05	12	0.8	<0.2
REP 1078062	QC	15	255	2.01	201	0.128	<1	4.40	0.006	0.75	0.2	0.03	7.1	0.5	<0.05	11	0.9	<0.2
1156542	Soil	22	13	0.16	50	0.021	<1	0.64	0.004	0.14	0.2	0.01	0.9	0.1	0.06	4	0.5	<0.2
REP 1156542	QC	22	14	0.16	51	0.020	<1	0.65	0.005	0.14	0.2	0.02	0.9	0.1	0.06	4	<0.5	<0.2
1151108	Soil	27	25	0.46	97	0.021	<1	1.41	0.005	0.23	0.1	0.04	1.2	0.2	<0.05	5	0.6	<0.2
REP 1151108	QC	26	23	0.44	91	0.020	<1	1.33	0.005	0.23	0.1	0.04	1.2	0.2	<0.05	5	<0.5	<0.2
1151112	Soil	23	25	0.35	130	0.012	1	1.12	0.006	0.09	0.1	0.03	0.9	0.2	<0.05	4	<0.5	<0.2
REP 1151112	QC	23	24	0.35	132	0.012	<1	1.17	0.006	0.09	0.2	0.03	1.0	0.2	<0.05	4	0.7	<0.2
1145752	Soil	25	21	0.46	82	0.015	<1	1.44	0.004	0.04	0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
REP 1145752	QC	25	21	0.47	85	0.015	<1	1.49	0.005	0.04	0.1	0.04	1.5	<0.1	<0.05	4	0.7	<0.2
1078046	Soil	49	17	0.19	81	0.006	<1	0.67	0.003	0.16	<0.1	0.02	2.5	0.4	<0.05	3	0.6	<0.2
REP 1078046	QC	50	17	0.19	79	0.008	<1	0.68	0.003	0.17	<0.1	0.03	2.5	0.4	<0.05	3	<0.5	<0.2
1149677	Soil	13	20	0.33	75	0.024	1	1.03	0.005	0.04	0.2	0.02	0.9	<0.1	<0.05	4	<0.5	<0.2
REP 1149677	QC	13	21	0.34	77	0.026	2	1.08	0.005	0.04	0.1	0.03	1.0	<0.1	<0.05	4	<0.5	<0.2
1037394	Soil	26	23	0.45	88	0.036	1	1.24	0.007	0.07	0.2	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
REP 1037394	QC	26	23	0.48	92	0.033	1	1.30	0.008	0.08	0.3	0.02	1.6	0.1	<0.05	4	0.7	<0.2
1149670	Soil	10	24	0.31	81	0.031	1	1.55	0.004	0.03	0.2	0.03	1.5	<0.1	<0.05	5	<0.5	<0.2
REP 1149670	QC	10	24	0.31	77	0.029	<1	1.54	0.005	0.03	0.3	0.04	1.5	<0.1	<0.05	4	0.6	<0.2
1078031	Soil	17	18	0.30	113	0.024	2	0.82	0.005	0.03	0.3	0.04	1.4	<0.1	<0.05	2	<0.5	<0.2
REP 1078031	QC	17	17	0.31	111	0.023	1	0.81	0.005	0.03	0.3	0.04	1.3	<0.1	<0.05	2	<0.5	<0.2
1149889	Soil	44	19	0.56	84	0.013	<1	1.38	0.006	0.04	<0.1	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2
REP 1149889	QC	46	19	0.58	87	0.014	<1	1.42	0.007	0.04	<0.1	0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	12	116	0.58	254	0.108	3	0.81	0.076	0.40	2.8	0.19	1.9	5.4	0.12	4	5.2	4.4
STD DS8	Standard	19	122	0.65	303	0.138	2	0.98	0.095	0.43	3.2	0.20	2.3	5.5	0.15	5	5.4	4.8
STD DS8	Standard	13	111	0.59	254	0.105	2	0.82	0.078	0.38	2.7	0.18	1.9	5.5	0.13	4	5.7	4.6
STD DS8	Standard	14	117	0.61	265	0.100	2	0.89	0.084	0.40	2.7	0.21	2.3	5.4	0.15	5	5.9	5.0
STD DS8	Standard	14	102	0.54	242	0.093	2	0.81	0.071	0.35	2.5	0.16	2.2	5.1	0.14	4	5.0	4.4

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 18, 2011

QUALITY CONTROL REPORT DAW11000233.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	12.7	114.5	124.4	312	1.8	39.7	7.6	595	2.48	27.0	2.8	123.9	7.1	71	2.3	5.4	8.1	42	0.68	0.085
STD DS8	Standard	11.9	91.0	107.7	289	1.6	37.2	6.4	582	2.32	20.4	2.2	102.1	5.2	59	1.9	4.3	5.2	36	0.64	0.065
STD DS8	Standard	12.9	124.0	121.4	325	1.8	39.6	7.6	611	2.44	24.4	2.8	124.3	7.1	65	2.4	5.7	7.4	42	0.69	0.079
STD DS8	Standard	12.7	93.5	112.6	284	1.6	33.8	6.8	561	2.26	23.2	2.5	101.4	5.9	56	2.2	5.1	6.2	39	0.65	0.074
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 18, 2011

QUALITY CONTROL REPORT DAW11000233.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	15	121	0.65	273	0.121	2	0.92	0.087	0.41	2.9	0.20	2.1	5.5	0.14	5	4.1	4.8
STD DS8	Standard	12	118	0.59	227	0.091	2	0.83	0.083	0.38	2.7	0.20	1.4	5.3	0.14	4	5.0	4.8
STD DS8	Standard	14	118	0.62	268	0.120	3	0.90	0.081	0.41	3.1	0.18	2.0	5.4	0.17	5	4.7	5.0
STD DS8	Standard	14	106	0.57	270	0.097	3	0.88	0.084	0.39	2.7	0.18	1.6	4.8	0.16	4	4.3	4.7
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 14, 2011
Report Date: September 11, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS DAW11000239.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-04
P.O. Number
Number of Samples: 36

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	36	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	36	Dry at 60C			WHI
1DX2	36	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: MHR
Report Date: September 11, 2011

CERTIFICATE OF ANALYSIS DAW11000239.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1148708	Soil	1.0	8.5	13.1	33	<0.1	8.7	3.8	138	2.30	12.8	0.5	1.4	3.0	7	<0.1	0.9	0.3	47	0.05	0.021
1148711	Soil	0.8	13.2	13.0	51	<0.1	15.5	7.2	245	2.50	12.8	0.6	1.3	4.1	8	0.2	0.8	0.2	36	0.06	0.029
1148712	Soil	1.2	14.9	14.0	55	<0.1	14.7	7.9	326	2.99	13.1	0.6	2.3	2.4	10	0.1	1.0	0.3	48	0.08	0.056
1148706	Soil	1.0	28.1	28.3	64	<0.1	22.0	8.9	209	3.40	26.3	1.0	1.5	11.0	7	0.1	4.9	0.3	28	0.05	0.039
1148707	Soil	0.8	9.2	14.6	33	<0.1	9.0	4.5	150	2.67	12.3	0.7	3.9	2.2	8	0.1	0.8	0.3	52	0.06	0.028
1148710	Soil	0.8	12.6	16.0	45	<0.1	12.7	5.3	180	2.43	12.7	0.5	0.7	4.3	7	0.2	0.9	0.2	31	0.05	0.028
1148709	Soil	1.0	20.6	19.1	61	<0.1	20.2	11.3	334	2.87	12.6	1.2	1.6	4.2	12	0.2	1.3	0.3	34	0.08	0.048
1148713	Soil	0.6	14.4	11.7	49	<0.1	15.1	8.2	260	2.09	11.5	0.7	2.1	3.8	9	0.2	0.9	0.2	31	0.07	0.036
1036050	Soil	1.1	27.5	24.0	67	0.1	21.1	11.3	349	2.68	88.7	1.5	14.6	3.3	11	0.2	2.2	0.4	29	0.05	0.041
1036048	Soil	1.1	34.4	31.0	72	0.1	24.2	12.9	346	3.10	28.1	2.4	1.7	4.3	23	0.2	4.2	0.5	28	0.09	0.063
1036046	Soil	0.9	27.7	16.4	79	<0.1	31.1	14.0	354	2.48	11.8	1.3	19.8	6.0	18	0.3	1.1	0.2	30	0.18	0.086
1036044	Soil	1.0	17.9	13.8	48	<0.1	15.7	6.4	193	2.34	12.9	0.7	1.6	4.1	9	0.1	1.0	0.2	39	0.07	0.028
1148701	Soil	1.0	24.3	20.4	73	<0.1	23.0	11.0	366	2.66	20.8	1.2	2.5	4.0	12	0.4	1.5	0.3	39	0.08	0.056
1036049	Soil	0.9	26.1	25.0	63	0.1	20.3	10.7	332	2.61	83.4	1.6	5.3	3.0	11	0.3	2.2	0.4	29	0.06	0.039
1036047	Soil	1.0	37.9	27.0	66	0.2	26.1	9.5	205	2.98	20.1	2.3	12.5	3.1	14	0.1	1.6	0.4	33	0.05	0.054
1036045	Soil	0.9	19.4	15.6	50	<0.1	16.1	7.1	225	2.49	13.5	0.8	1.1	3.9	9	0.2	0.9	0.2	31	0.06	0.039
1148718	Soil	1.4	35.6	25.9	79	<0.1	27.2	15.1	427	2.98	11.6	1.9	1.0	7.9	21	0.2	2.1	0.5	29	0.09	0.054
1110978	Soil	0.5	41.7	52.2	119	0.2	27.4	13.7	540	2.31	21.0	2.3	4.1	16.0	31	0.7	13.4	0.4	8	0.05	0.057
1110981	Soil	0.8	22.6	73.4	119	0.2	21.1	16.9	861	3.47	17.5	1.6	0.8	7.9	16	0.4	9.6	0.4	17	0.04	0.065
1110977	Soil	0.5	33.7	31.7	91	<0.1	31.2	15.8	628	3.27	9.4	1.2	<0.5	17.5	40	<0.1	4.0	0.5	9	0.20	0.113
1148722	Soil	0.7	21.3	13.7	66	<0.1	19.7	8.7	311	2.28	9.5	1.2	2.0	3.8	12	0.2	1.3	0.2	30	0.10	0.054
1148723	Soil	0.8	20.6	14.0	53	<0.1	16.2	7.0	233	2.07	8.7	1.2	1.2	1.4	12	0.1	1.0	0.3	31	0.09	0.048
1148725	Soil	1.1	41.3	19.2	93	<0.1	28.8	14.6	392	3.35	16.8	2.3	2.8	10.2	15	0.3	1.4	0.4	27	0.08	0.056
1148719	Soil	0.6	11.4	12.6	39	<0.1	10.0	4.0	118	1.66	6.8	0.8	1.8	0.7	8	<0.1	0.6	0.3	25	0.06	0.037
1148721	Soil	0.7	13.3	12.4	38	<0.1	9.8	4.0	136	1.77	6.8	0.8	2.6	0.5	8	0.1	0.6	0.3	29	0.06	0.039
1148724	Soil	0.7	14.8	13.1	43	<0.1	12.0	6.6	283	1.88	8.6	0.9	6.5	0.9	9	<0.1	0.9	0.3	28	0.06	0.038
1148720	Soil	0.8	16.1	13.0	60	<0.1	16.0	8.6	315	2.23	10.2	1.0	1.5	2.8	11	0.1	1.0	0.2	33	0.09	0.049
1148726	Soil	0.8	30.6	15.6	75	<0.1	22.3	10.0	326	2.38	12.3	1.5	2.2	7.1	13	0.2	1.4	0.2	26	0.12	0.071
1148714	Soil	1.1	16.4	12.7	54	<0.1	17.3	9.2	258	2.43	14.3	0.9	1.9	6.1	9	0.3	1.0	0.2	41	0.06	0.024
1148715	Soil	0.7	16.8	12.2	44	<0.1	14.9	6.7	241	2.22	11.7	0.7	2.2	4.1	9	0.1	1.0	0.2	32	0.07	0.036

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 11, 2011

CERTIFICATE OF ANALYSIS DAW11000239.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1148708	Soil	14	16	0.22	48	0.035	2	0.99	0.003	0.02	0.2	0.02	1.4	<0.1	<0.05	5	<0.5	<0.2
1148711	Soil	13	21	0.32	69	0.028	1	1.20	0.004	0.03	0.2	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
1148712	Soil	14	24	0.32	60	0.042	1	1.34	0.005	0.03	0.2	0.03	2.0	<0.1	<0.05	5	0.6	<0.2
1148706	Soil	24	20	0.27	47	0.021	2	1.15	0.005	0.03	0.2	0.02	1.8	<0.1	<0.05	3	0.7	<0.2
1148707	Soil	15	22	0.26	51	0.038	1	1.33	0.005	0.02	0.2	0.05	1.7	0.1	<0.05	5	0.5	<0.2
1148710	Soil	11	18	0.28	72	0.023	1	1.30	0.004	0.02	0.2	0.05	1.6	<0.1	<0.05	3	0.6	<0.2
1148709	Soil	19	23	0.39	77	0.022	2	1.48	0.007	0.04	0.1	0.03	1.9	<0.1	<0.05	4	0.6	<0.2
1148713	Soil	15	19	0.32	84	0.027	2	1.12	0.005	0.03	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1036050	Soil	26	17	0.31	61	0.019	1	1.01	0.005	0.04	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1036048	Soil	35	17	0.37	72	0.018	1	0.99	0.005	0.04	0.2	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1036046	Soil	20	18	0.31	72	0.030	2	0.92	0.006	0.03	0.4	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1036044	Soil	16	20	0.30	75	0.030	1	1.22	0.005	0.03	0.3	0.03	1.7	<0.1	<0.05	4	0.5	<0.2
1148701	Soil	21	24	0.43	102	0.032	2	1.42	0.006	0.04	0.2	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
1036049	Soil	27	18	0.31	64	0.021	<1	1.01	0.005	0.04	0.2	0.02	1.5	<0.1	<0.05	3	0.6	<0.2
1036047	Soil	24	20	0.38	119	0.013	<1	1.37	0.005	0.03	0.2	0.05	1.4	<0.1	<0.05	4	<0.5	<0.2
1036045	Soil	15	21	0.32	51	0.026	<1	1.35	0.005	0.03	0.2	0.04	1.6	<0.1	<0.05	3	0.6	<0.2
1148718	Soil	28	19	0.36	112	0.027	<1	1.11	0.008	0.04	0.2	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1110978	Soil	47	7	0.06	38	0.003	<1	0.36	0.005	0.05	0.2	0.08	3.1	0.1	<0.05	1	<0.5	<0.2
1110981	Soil	50	11	0.17	36	0.008	<1	0.88	0.005	0.05	0.1	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1110977	Soil	62	8	0.07	48	0.001	<1	0.36	0.003	0.10	0.1	0.03	2.6	<0.1	<0.05	1	<0.5	<0.2
1148722	Soil	19	19	0.34	90	0.028	<1	1.09	0.005	0.04	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1148723	Soil	19	19	0.32	89	0.021	<1	1.08	0.005	0.04	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1148725	Soil	33	21	0.51	107	0.025	<1	1.35	0.006	0.04	0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
1148719	Soil	20	17	0.24	60	0.012	<1	1.03	0.004	0.03	0.1	0.03	0.8	<0.1	<0.05	4	<0.5	<0.2
1148721	Soil	20	17	0.23	63	0.014	<1	0.94	0.004	0.03	0.1	0.03	0.8	<0.1	<0.05	4	<0.5	<0.2
1148724	Soil	18	17	0.25	68	0.020	1	0.85	0.004	0.03	0.1	0.03	0.9	<0.1	<0.05	3	<0.5	<0.2
1148720	Soil	18	20	0.34	84	0.028	1	1.18	0.005	0.04	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1148726	Soil	21	18	0.36	73	0.029	<1	1.13	0.005	0.04	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1148714	Soil	15	25	0.36	110	0.038	<1	1.47	0.005	0.04	0.2	0.05	3.1	<0.1	<0.05	4	<0.5	<0.2
1148715	Soil	13	20	0.33	75	0.026	<1	1.28	0.005	0.03	0.2	0.05	2.0	<0.1	<0.05	3	<0.5	<0.2

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Project: MHR
Report Date: September 11, 2011

CERTIFICATE OF ANALYSIS DAW11000239.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1148717	Soil	0.9	17.2	15.1	49	<0.1	15.7	6.5	187	2.27	9.1	0.9	1.3	1.1	10	0.1	1.1	0.3	32	0.07	0.040
1148716	Soil	0.8	21.2	12.6	56	<0.1	18.9	9.8	345	2.35	12.8	1.0	2.3	3.6	11	0.3	0.9	0.3	36	0.09	0.049
1148702	Soil	1.2	20.6	24.2	65	0.1	20.2	8.3	260	2.85	49.1	0.8	4.5	5.8	11	0.3	1.4	0.3	46	0.09	0.035
1148704	Soil	1.6	42.3	58.8	80	0.7	23.8	12.4	251	3.20	92.0	1.6	3.4	13.8	27	0.4	9.0	0.4	24	0.07	0.040
1148705	Soil	0.9	19.6	45.5	114	1.0	21.8	9.9	383	2.44	255.5	1.0	8.9	4.0	14	0.8	3.8	0.2	34	0.11	0.052
1148703	Soil	0.9	11.9	15.0	42	0.5	13.1	5.3	158	2.54	16.7	0.8	1.5	3.8	10	0.2	0.9	0.2	50	0.07	0.023

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Project: MHR
Report Date: September 11, 2011

CERTIFICATE OF ANALYSIS DAW11000239.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1148717	Soil	18	19	0.27	69	0.020	<1	1.08	0.004	0.03	0.1	0.03	1.2	<0.1	<0.05	4	0.5	<0.2
1148716	Soil	15	22	0.40	145	0.027	<1	1.61	0.005	0.04	0.2	0.06	2.6	0.1	<0.05	4	<0.5	<0.2
1148702	Soil	17	23	0.36	80	0.043	<1	1.27	0.005	0.04	0.2	0.03	2.2	<0.1	<0.05	5	<0.5	<0.2
1148704	Soil	38	18	0.41	149	0.016	<1	1.28	0.004	0.04	<0.1	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
1148705	Soil	18	21	0.34	91	0.029	<1	1.23	0.006	0.05	0.3	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2
1148703	Soil	14	26	0.35	98	0.039	<1	1.60	0.005	0.04	0.2	0.04	2.4	0.1	<0.05	5	<0.5	<0.2

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Project: MHR
Report Date: September 11, 2011

QUALITY CONTROL REPORT DAW11000239.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1036046	Soil	0.9	27.7	16.4	79	<0.1	31.1	14.0	354	2.48	11.8	1.3	19.8	6.0	18	0.3	1.1	0.2	30	0.18	0.086
REP 1036046	QC	0.8	28.2	16.1	77	<0.1	31.8	13.6	343	2.45	11.5	1.4	9.0	6.0	18	0.3	1.1	0.2	30	0.18	0.087
1148723	Soil	0.8	20.6	14.0	53	<0.1	16.2	7.0	233	2.07	8.7	1.2	1.2	1.4	12	0.1	1.0	0.3	31	0.09	0.048
REP 1148723	QC	0.8	20.7	13.6	55	<0.1	16.4	6.9	238	2.12	9.2	1.2	13.2	1.4	12	0.1	1.0	0.3	31	0.09	0.048
Reference Materials																					
STD DS8	Standard	13.5	122.9	135.5	332	1.8	37.8	7.5	619	2.48	26.8	3.2	102.5	8.3	81	2.7	6.7	8.1	44	0.73	0.086
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: MHR
Report Date: September 11, 2011

QUALITY CONTROL REPORT DAW11000239.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1036046	Soil	20	18	0.31	72	0.030	2	0.92	0.006	0.03	0.4	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
REP 1036046	QC	20	17	0.32	72	0.031	1	0.95	0.006	0.03	0.5	0.02	1.6	<0.1	<0.05	2	<0.5	<0.2
1148723	Soil	19	19	0.32	89	0.021	<1	1.08	0.005	0.04	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
REP 1148723	QC	20	20	0.32	88	0.022	<1	1.11	0.005	0.04	0.1	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	18	117	0.63	296	0.140	3	0.94	0.086	0.42	3.2	0.20	2.5	5.6	0.17	5	5.2	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 19, 2011
Report Date: September 28, 2011
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CERTIFICATE OF ANALYSIS DAW11000261.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-07
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1110731	Soil		0.8	29.5	14.1	66	<0.1	28.1	12.5	369	2.61	9.0	1.3	2.8	7.7	13	0.1	2.1	0.2	31	0.11	0.034
1110734	Soil		0.9	28.2	21.6	77	<0.1	28.2	11.6	364	2.66	11.1	1.3	4.8	6.6	8	0.3	2.1	0.2	32	0.07	0.038
1110739	Soil		0.8	27.9	12.8	59	<0.1	22.4	11.1	277	2.53	8.7	1.3	8.2	7.8	14	<0.1	1.4	0.2	34	0.12	0.041
1110736	Soil		1.0	24.4	12.6	57	<0.1	19.1	8.8	260	2.46	10.2	1.2	3.3	3.3	10	0.2	1.4	0.2	39	0.08	0.041
1110733	Soil		0.8	36.0	17.3	71	<0.1	30.8	14.6	507	3.18	7.4	1.7	4.6	10.9	9	0.1	2.6	0.2	25	0.06	0.034
1110737	Soil		1.1	37.1	12.6	71	<0.1	31.2	12.5	391	2.82	11.0	1.5	4.1	5.7	19	<0.1	1.3	0.2	50	0.17	0.066
1110735	Soil		1.1	20.8	15.9	50	<0.1	16.7	6.6	186	2.30	8.9	1.2	3.7	1.4	9	0.2	1.5	0.2	35	0.07	0.043
1110738	Soil		0.9	23.6	12.3	54	<0.1	20.8	9.1	273	2.56	9.4	1.2	2.8	6.2	15	<0.1	1.0	0.2	41	0.13	0.039
1110741	Soil		1.0	28.7	13.7	62	<0.1	22.0	9.7	299	2.58	10.8	1.4	6.6	5.0	17	<0.1	1.8	0.2	40	0.15	0.046
1110740	Soil		0.8	25.5	11.2	61	<0.1	21.2	9.0	275	2.48	10.1	1.6	2.2	4.3	16	<0.1	1.1	0.2	41	0.14	0.043
1110732	Soil		0.8	36.2	13.2	64	<0.1	29.4	12.2	381	2.68	10.7	1.3	5.7	8.0	14	0.2	1.9	0.2	34	0.12	0.045
1110742	Soil		0.8	24.0	12.6	58	<0.1	20.3	8.5	269	2.50	8.9	1.1	3.2	5.4	13	<0.1	1.4	0.2	35	0.12	0.036
1079573	Soil		0.8	30.1	34.0	69	0.2	23.3	10.4	299	2.88	33.3	1.6	3.3	20.2	8	0.2	1.0	0.3	6	0.04	0.032
1079574	Soil		0.8	26.6	26.5	55	0.1	23.4	13.5	499	2.36	33.4	1.0	3.0	9.5	12	0.1	0.8	0.2	18	0.13	0.042
1079571	Soil		0.7	16.2	22.4	55	<0.1	21.1	11.7	725	2.54	23.7	0.8	2.1	5.9	9	0.2	0.6	0.2	21	0.10	0.051
1079572	Soil		0.6	14.9	12.6	39	0.2	17.0	6.6	227	1.96	47.2	1.0	3.1	2.4	12	0.1	0.6	0.2	18	0.17	0.053
1099101	Soil		2.0	80.9	27.5	79	0.1	37.8	22.1	1418	2.91	31.1	2.9	4.1	8.1	36	0.7	1.4	0.4	20	0.93	0.064
1099102	Soil		3.3	73.3	21.2	75	0.2	39.0	19.0	727	2.94	38.3	1.1	5.6	15.2	45	0.5	1.5	0.3	17	3.36	0.065
1099103	Soil		2.6	68.4	47.1	103	0.6	43.2	23.4	1214	3.27	48.6	0.9	9.2	17.2	53	1.2	4.2	0.4	13	3.17	0.078
1099104	Soil		2.5	68.6	47.9	107	0.6	46.2	23.4	1233	3.30	50.6	1.0	5.6	16.9	56	1.2	4.0	0.4	12	3.26	0.072
1099105	Soil		1.0	26.7	139.5	535	2.7	40.4	21.1	1559	3.44	57.0	2.0	3.4	20.0	17	11.9	7.6	0.2	5	0.17	0.038
1099106	Soil		3.8	21.9	49.3	45	0.1	16.6	8.2	269	2.88	34.5	1.2	2.3	11.1	16	0.1	0.7	0.5	11	0.05	0.027
1099107	Soil		1.0	21.3	21.3	54	<0.1	21.1	10.1	440	2.26	28.1	0.8	4.7	3.2	14	0.3	0.6	0.2	22	0.19	0.048
1099108	Soil		0.5	19.0	17.8	63	0.1	23.9	9.0	311	2.28	16.5	0.9	10.7	9.1	17	0.2	0.9	0.2	20	0.28	0.045
1151690	Soil		1.5	13.1	12.8	33	0.2	10.6	3.9	112	2.51	17.0	0.6	2.7	4.6	8	0.1	0.9	0.3	44	0.05	0.028
1151693	Soil		0.9	25.9	19.1	55	0.1	21.6	10.9	329	3.02	32.2	1.3	2.9	2.8	10	0.2	2.5	0.3	30	0.07	0.056
1151691	Soil		1.2	24.8	24.0	70	0.2	26.1	12.1	354	3.41	48.3	1.1	7.4	8.3	8	0.4	2.0	0.4	37	0.04	0.034
1151692	Soil		1.5	39.4	40.7	99	0.3	32.1	11.6	299	3.40	42.2	1.7	11.0	12.1	9	0.7	3.5	0.4	31	0.05	0.030
1079564	Soil		0.6	19.0	10.5	35	0.2	15.2	5.3	130	2.13	14.4	1.0	4.6	4.7	8	0.2	0.8	0.2	32	0.07	0.027
1079565	Soil		0.7	11.6	15.9	35	<0.1	11.4	5.2	187	1.93	18.0	0.5	1.3	3.2	6	0.1	3.8	0.2	26	0.05	0.033

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1110731	Soil		29	21	0.40	194	0.027	<1	1.19	0.003	0.03	0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1110734	Soil		24	22	0.36	167	0.027	<1	1.16	0.003	0.04	0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1110739	Soil		27	26	0.47	185	0.039	<1	1.20	0.006	0.04	0.2	0.02	2.4	<0.1	<0.05	3	<0.5	<0.2
1110736	Soil		21	25	0.38	154	0.031	1	1.35	0.004	0.03	0.2	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2
1110733	Soil		39	16	0.33	170	0.020	<1	1.01	0.002	0.03	<0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1110737	Soil		24	56	0.66	282	0.051	<1	1.59	0.004	0.07	0.2	0.03	4.4	0.1	<0.05	5	0.6	<0.2
1110735	Soil		26	22	0.35	103	0.019	<1	1.21	0.003	0.03	0.1	0.03	1.2	<0.1	<0.05	4	0.5	<0.2
1110738	Soil		23	34	0.52	218	0.043	<1	1.42	0.004	0.05	0.2	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
1110741	Soil		23	26	0.46	268	0.038	<1	1.33	0.005	0.04	0.2	0.04	3.1	<0.1	<0.05	4	<0.5	<0.2
1110740	Soil		22	28	0.46	235	0.039	<1	1.39	0.004	0.04	0.2	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
1110732	Soil		26	20	0.40	264	0.033	<1	1.30	0.004	0.05	0.2	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2
1110742	Soil		26	23	0.40	166	0.035	<1	1.21	0.004	0.04	0.2	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
1079573	Soil		46	6	0.09	46	0.002	<1	0.41	0.001	0.06	<0.1	<0.01	0.9	<0.1	<0.05	1	<0.5	<0.2
1079574	Soil		30	14	0.25	87	0.011	<1	0.82	0.002	0.06	0.1	0.04	1.0	<0.1	<0.05	2	<0.5	<0.2
1079571	Soil		28	15	0.24	74	0.009	<1	0.80	0.002	0.06	0.2	0.01	0.9	<0.1	<0.05	3	<0.5	<0.2
1079572	Soil		23	15	0.23	124	0.007	<1	0.94	0.004	0.06	0.2	0.03	0.9	<0.1	<0.05	3	<0.5	<0.2
1099101	Soil		32	17	0.63	139	0.008	<1	1.30	0.005	0.04	0.1	0.04	2.1	<0.1	0.07	3	<0.5	<0.2
1099102	Soil		30	15	1.11	65	0.009	<1	1.01	0.002	0.06	<0.1	<0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
1099103	Soil		36	12	1.01	49	0.005	<1	0.89	0.001	0.05	<0.1	<0.01	2.2	<0.1	<0.05	2	<0.5	<0.2
1099104	Soil		36	12	1.02	51	0.006	<1	0.86	0.002	0.06	<0.1	<0.01	2.0	<0.1	<0.05	2	<0.5	<0.2
1099105	Soil		38	7	0.18	63	<0.001	1	0.57	0.002	0.10	<0.1	0.03	1.3	0.2	<0.05	1	<0.5	<0.2
1099106	Soil		36	9	0.21	58	0.005	<1	0.67	0.004	0.07	<0.1	0.01	0.5	<0.1	0.08	2	<0.5	<0.2
1099107	Soil		22	16	0.32	102	0.011	<1	0.92	0.003	0.05	0.1	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
1099108	Soil		27	15	0.26	144	0.012	<1	0.92	0.003	0.05	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1151690	Soil		23	16	0.20	63	0.023	<1	1.05	0.003	0.03	0.2	0.02	1.0	<0.1	<0.05	5	<0.5	<0.2
1151693	Soil		26	21	0.38	75	0.016	<1	1.25	0.003	0.04	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1151691	Soil		24	19	0.24	63	0.019	<1	1.31	0.003	0.03	0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1151692	Soil		29	20	0.32	115	0.017	<1	1.16	0.003	0.04	0.2	0.04	2.3	0.1	<0.05	3	<0.5	<0.2
1079564	Soil		12	17	0.24	71	0.023	<1	1.08	0.002	0.03	0.2	0.03	1.4	<0.1	<0.05	3	0.5	<0.2
1079565	Soil		23	11	0.14	40	0.013	<1	0.65	0.002	0.03	0.3	0.03	0.7	<0.1	<0.05	3	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1079563	Soil	1.3	30.8	53.5	110	0.3	32.7	13.1	359	3.64	30.2	1.3	3.4	9.9	9	0.5	2.4	0.3	25	0.04	0.037
1079566	Soil	0.8	20.6	19.0	54	0.1	20.5	8.6	393	2.30	23.5	0.9	3.1	5.4	13	0.2	1.4	0.2	28	0.16	0.057
1079567	Soil	0.4	22.6	21.3	60	0.1	24.4	10.9	333	2.56	106.1	1.2	27.3	10.7	13	<0.1	1.2	0.3	14	0.11	0.048
1079568	Soil	0.4	18.1	18.3	53	0.1	19.9	7.9	235	2.42	34.4	0.9	4.5	4.4	10	<0.1	1.1	0.2	15	0.08	0.041
1079569	Soil	0.6	16.7	18.7	52	0.1	17.7	7.8	363	2.17	94.0	1.1	9.0	6.8	13	0.1	0.7	0.2	25	0.14	0.045
1079570	Soil	1.4	11.7	21.2	38	0.1	14.6	4.9	224	2.13	15.8	0.6	21.6	3.5	7	0.1	0.7	0.2	35	0.06	0.042
1097302	Soil	0.8	14.8	20.5	28	2.8	9.3	3.8	197	1.34	11.9	0.4	3.5	0.4	7	0.3	0.2	0.2	23	0.07	0.036
1097312	Soil	0.8	27.4	26.4	71	0.4	28.5	11.6	477	2.76	67.4	0.8	21.7	10.2	14	0.2	1.9	0.3	11	0.36	0.050
1097310	Soil	0.4	28.1	482.4	418	3.6	22.6	8.2	457	2.23	36.3	1.0	15.2	10.1	11	5.5	2.5	0.3	10	0.21	0.043
1097307	Soil	0.3	24.8	67.1	130	4.6	25.0	9.2	302	2.41	34.4	0.9	27.5	14.4	11	1.2	0.8	0.3	8	0.27	0.047
1097311	Soil	0.5	27.6	105.7	161	0.6	22.6	8.4	331	2.53	55.2	0.9	69.9	9.3	16	2.2	1.6	0.3	15	0.32	0.070
1097309	Soil	0.6	24.8	64.4	140	0.6	22.1	8.3	575	2.03	26.2	0.7	10.4	4.0	21	1.5	0.9	0.3	20	0.52	0.065
1097306	Soil	0.3	37.3	279.8	296	3.0	33.1	11.5	574	2.66	104.2	1.1	56.1	14.2	16	5.0	1.5	0.4	9	0.44	0.052
1097308	Soil	0.6	23.8	89.5	189	1.0	22.5	8.3	682	2.27	72.7	1.1	16.3	5.8	26	3.6	1.0	0.3	14	0.75	0.053
1097303	Soil	1.1	36.9	91.1	179	7.5	28.1	11.4	423	2.49	32.0	1.0	24.3	6.9	14	1.4	1.3	0.2	34	0.21	0.066
1097301	Soil	0.7	25.3	29.2	64	0.8	19.2	9.4	442	2.40	15.5	0.6	3.7	4.2	6	0.2	0.4	0.2	23	0.08	0.051
1097305	Soil	0.3	27.2	67.3	346	0.5	25.7	10.8	518	2.33	27.6	0.8	9.7	13.8	12	3.9	0.7	0.2	7	0.23	0.040
1097304	Soil	0.3	33.8	133.1	236	1.3	30.8	11.2	786	2.58	33.1	0.9	6.5	11.5	18	3.9	1.1	0.3	10	0.50	0.047
1097322	Soil	0.6	21.3	23.9	53	0.1	29.0	13.3	375	2.51	19.0	0.8	2.0	11.0	10	0.2	0.8	0.2	12	0.12	0.039
1097320	Soil	0.6	28.3	22.7	51	<0.1	23.8	9.0	219	2.35	21.3	0.7	3.4	9.5	7	<0.1	0.7	0.2	24	0.07	0.020
1097321	Soil	0.5	14.1	18.8	45	0.3	18.1	8.0	220	2.30	22.9	0.6	1.7	8.5	6	0.2	1.1	0.2	11	0.07	0.030
1097323	Soil	0.8	15.0	19.8	42	0.3	18.9	7.4	144	2.14	47.0	0.5	2.1	8.3	7	0.2	0.8	0.2	10	0.09	0.025
1097317	Soil	0.5	19.2	14.3	46	0.1	17.7	9.0	261	2.08	16.5	0.6	2.8	6.0	14	<0.1	0.5	0.2	18	0.25	0.053
1097314	Soil	0.5	31.4	22.8	64	0.2	28.1	10.4	274	2.71	41.0	0.8	11.2	10.1	12	<0.1	1.4	0.2	19	0.22	0.059
1097315	Soil	0.6	31.4	21.8	68	0.2	29.9	12.3	363	2.93	28.5	0.9	5.5	9.9	14	<0.1	1.8	0.3	15	0.28	0.049
1097313	Soil	0.6	23.4	19.0	57	0.2	26.8	10.7	433	2.58	45.2	0.8	19.3	10.7	12	0.2	1.5	0.2	13	0.22	0.056
1097318	Soil	0.4	25.7	22.0	61	0.3	25.2	9.4	536	2.03	19.3	0.9	2.9	6.7	46	0.6	1.0	0.2	9	0.96	0.053
1097316	Soil	0.5	31.8	22.0	65	0.2	32.1	13.5	1218	2.98	111.0	1.1	40.9	10.3	16	0.2	1.7	0.2	12	0.36	0.049
1097319	Soil	0.7	18.2	20.7	43	<0.1	19.4	9.7	245	2.46	19.4	0.6	7.0	8.3	7	<0.1	0.8	0.2	22	0.08	0.025
1097329	Soil	1.6	21.9	18.4	44	0.1	18.4	8.6	254	2.45	27.9	0.7	1.4	8.2	6	0.2	0.4	0.2	15	0.05	0.025

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS DAW11000261.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1079563	Soil		26	18	0.30	58	0.013	<1	1.08	0.003	0.04	<0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1079566	Soil		19	17	0.28	120	0.020	<1	0.92	0.003	0.04	0.3	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
1079567	Soil		28	10	0.12	65	0.009	<1	0.44	0.001	0.06	0.2	0.02	1.0	<0.1	<0.05	1	<0.5	<0.2
1079568	Soil		22	12	0.26	73	0.006	<1	0.86	0.002	0.05	0.1	0.03	0.8	<0.1	<0.05	3	<0.5	<0.2
1079569	Soil		21	18	0.26	140	0.013	<1	1.04	0.003	0.05	0.3	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1079570	Soil		18	19	0.13	56	0.024	<1	0.69	0.003	0.04	0.4	0.04	1.0	0.1	<0.05	3	<0.5	<0.2
1097302	Soil		14	12	0.14	63	0.009	<1	0.59	0.003	0.02	0.1	0.04	0.4	<0.1	<0.05	4	<0.5	<0.2
1097312	Soil		19	11	0.18	76	0.003	1	0.55	0.002	0.04	<0.1	0.03	1.3	0.1	0.06	2	<0.5	<0.2
1097310	Soil		22	9	0.12	71	0.003	<1	0.46	0.002	0.05	<0.1	0.03	1.3	0.2	<0.05	2	<0.5	<0.2
1097307	Soil		29	12	0.30	56	0.003	<1	0.78	0.003	0.05	<0.1	<0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
1097311	Soil		18	11	0.18	125	0.005	1	0.61	0.002	0.04	0.1	0.04	1.7	0.1	<0.05	2	<0.5	<0.2
1097309	Soil		11	16	0.25	180	0.006	2	0.80	0.003	0.03	0.2	0.03	1.4	<0.1	0.07	3	0.7	<0.2
1097306	Soil		25	13	0.33	49	0.002	<1	0.98	0.002	0.07	<0.1	0.02	1.5	0.1	<0.05	3	<0.5	<0.2
1097308	Soil		13	14	0.24	140	0.005	1	0.78	0.003	0.06	<0.1	0.04	1.4	0.1	0.10	2	0.6	<0.2
1097303	Soil		19	26	0.46	245	0.023	<1	1.20	0.005	0.04	0.2	0.04	2.3	0.1	<0.05	4	0.8	<0.2
1097301	Soil		20	19	0.33	69	0.011	<1	0.99	0.003	0.03	0.1	0.02	0.8	<0.1	<0.05	4	<0.5	<0.2
1097305	Soil		28	11	0.30	40	0.005	1	0.74	0.002	0.10	<0.1	0.01	1.0	0.1	0.05	2	0.6	<0.2
1097304	Soil		21	15	0.39	65	0.003	2	1.04	0.002	0.07	<0.1	0.02	1.3	0.1	<0.05	3	0.5	<0.2
1097322	Soil		23	11	0.23	75	0.005	<1	0.71	0.003	0.08	0.1	0.02	0.8	<0.1	<0.05	2	<0.5	<0.2
1097320	Soil		22	21	0.32	107	0.010	<1	1.23	0.004	0.06	0.2	0.02	1.2	<0.1	<0.05	3	0.5	<0.2
1097321	Soil		20	10	0.17	71	0.003	1	0.71	0.003	0.06	<0.1	0.02	0.7	0.1	<0.05	2	<0.5	<0.2
1097323	Soil		22	9	0.18	42	0.003	1	0.62	0.003	0.06	<0.1	0.03	0.5	<0.1	<0.05	2	<0.5	<0.2
1097317	Soil		17	14	0.30	125	0.008	1	0.86	0.003	0.05	0.2	<0.01	1.0	<0.1	<0.05	2	<0.5	<0.2
1097314	Soil		24	17	0.37	109	0.005	<1	1.00	0.002	0.04	0.1	0.01	1.8	<0.1	<0.05	3	<0.5	<0.2
1097315	Soil		19	17	0.36	79	0.004	<1	0.93	0.002	0.04	<0.1	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1097313	Soil		27	13	0.25	92	0.005	<1	0.70	0.002	0.04	<0.1	0.02	1.4	<0.1	<0.05	2	<0.5	<0.2
1097318	Soil		15	13	0.19	113	0.003	2	0.57	0.003	0.08	<0.1	0.02	1.1	<0.1	0.10	2	<0.5	<0.2
1097316	Soil		20	14	0.27	84	0.003	<1	0.74	0.002	0.05	<0.1	0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
1097319	Soil		23	28	0.29	89	0.008	<1	0.98	0.002	0.05	<0.1	0.01	0.9	<0.1	<0.05	3	<0.5	<0.2
1097329	Soil		20	11	0.24	59	0.004	<1	0.80	0.003	0.06	<0.1	0.03	0.6	<0.1	0.05	3	<0.5	<0.2

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Project: MHR
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS DAW11000261.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1097324	Soil	0.7	36.5	31.4	77	0.3	39.1	15.7	371	3.22	134.2	1.2	13.6	13.4	24	0.2	1.4	0.3	6	0.46	0.050
1097330	Soil	1.8	38.7	20.0	54	0.2	27.6	12.6	476	2.69	20.4	1.5	4.8	8.0	19	0.2	0.8	0.3	8	0.44	0.040
1097328	Soil	0.9	23.9	21.4	50	<0.1	23.3	11.9	362	2.59	32.3	0.9	1.9	11.0	14	0.2	0.8	0.3	11	0.21	0.025
1097326	Soil	0.6	43.7	30.5	80	0.2	40.9	19.3	546	3.40	59.8	1.5	8.5	16.6	17	0.3	1.1	0.3	8	0.26	0.050
1097331	Soil	1.1	54.8	18.1	47	0.1	23.2	9.3	283	1.92	22.1	1.1	3.1	4.9	40	0.2	0.5	0.3	12	1.43	0.070
1097325	Soil	0.7	24.1	23.1	48	0.2	24.3	10.3	245	2.67	46.2	0.9	2.7	11.6	7	0.1	0.6	0.3	20	0.10	0.034
1097327	Soil	1.3	41.1	24.2	60	0.2	38.6	15.6	526	2.90	79.7	1.1	6.4	15.7	14	0.2	1.2	0.3	9	0.24	0.052
1097346	Soil	1.0	40.4	17.3	78	0.2	35.1	14.1	372	3.10	27.7	1.6	2.4	10.9	14	0.2	0.8	0.3	26	0.14	0.055
1097341	Soil	0.9	28.2	13.9	51	0.2	20.5	8.2	202	2.47	27.3	1.1	3.4	8.2	6	<0.1	0.8	0.2	24	0.05	0.032
1097349	Soil	0.9	42.9	17.4	87	0.2	35.4	13.0	295	3.59	26.9	1.7	3.1	9.7	7	0.1	0.7	0.4	17	0.05	0.043
1097347	Soil	1.0	42.3	16.1	66	<0.1	28.2	11.2	273	3.23	25.2	1.5	1.4	10.3	9	<0.1	0.7	0.3	24	0.05	0.036
1097343	Soil	1.2	49.6	21.2	78	0.2	32.5	13.1	283	4.18	25.3	1.7	1.5	11.3	10	<0.1	0.6	0.4	19	0.03	0.033
1097342	Soil	1.0	36.3	19.4	80	0.4	41.6	20.5	618	3.51	78.2	2.3	8.6	10.2	15	0.2	1.1	0.4	18	0.16	0.037
1097348	Soil	1.5	20.8	17.0	50	0.1	17.1	7.3	180	3.12	14.7	0.9	4.5	6.1	8	0.2	0.7	0.3	43	0.05	0.031
1098443	Soil	0.8	30.6	118.3	383	0.7	34.9	14.3	478	3.50	16.3	1.4	6.1	17.6	13	6.9	6.0	0.3	8	0.10	0.034
1097345	Soil	1.3	43.8	24.4	93	0.1	40.5	24.5	462	3.87	49.7	2.4	3.1	16.6	7	0.2	0.9	0.4	17	0.02	0.035
1097266	Soil	1.3	38.1	32.8	62	0.3	28.0	12.6	198	3.67	126.6	1.7	35.7	19.5	17	0.2	1.4	0.6	12	0.02	0.045
1098444	Soil	0.9	20.7	59.0	146	0.4	21.0	8.9	538	2.67	18.1	1.0	4.9	6.5	9	2.1	3.4	0.3	23	0.06	0.044
1098442	Soil	1.4	39.6	21.9	84	0.5	40.0	18.8	327	3.63	28.5	2.0	8.0	14.6	12	<0.1	0.8	0.4	11	0.07	0.035
1097200	Soil	0.9	25.6	13.1	59	0.1	23.7	9.5	340	2.28	18.2	1.3	8.2	7.7	13	0.2	1.0	0.2	24	0.15	0.054
1097199	Soil	0.9	27.0	17.5	69	<0.1	26.6	16.6	701	2.72	30.7	1.3	3.3	8.7	9	0.2	1.0	0.3	24	0.08	0.042
1097340	Soil	1.0	23.1	14.3	51	0.2	19.0	10.0	328	2.69	20.1	0.9	3.4	6.7	10	<0.1	0.7	0.3	31	0.08	0.036
1097198	Soil	0.8	29.6	16.5	68	0.2	31.1	12.8	563	2.66	21.5	1.0	2.9	8.3	11	0.2	0.7	0.2	28	0.09	0.032
1097297	Soil	0.8	31.8	17.7	76	0.4	30.7	15.8	395	3.72	29.7	2.3	18.9	12.1	15	0.1	1.3	0.3	32	0.20	0.058
1097298	Soil	1.0	52.0	22.5	106	1.2	40.8	17.5	789	3.77	25.8	3.5	2.0	5.7	46	0.4	0.6	0.4	27	0.71	0.066
1097299	Soil	1.7	50.4	53.3	103	0.3	37.7	20.5	297	4.89	92.4	4.0	4.2	16.6	15	0.2	2.4	0.7	19	0.05	0.044
1097300	Soil	1.2	30.8	21.7	73	0.2	30.0	14.4	376	3.27	22.5	1.9	4.2	6.5	11	0.2	1.3	0.3	24	0.09	0.036
1097337	Soil	1.5	54.0	25.9	103	0.2	42.7	20.7	323	5.02	32.1	2.7	3.1	10.0	9	0.2	1.0	0.6	39	0.07	0.038
1097338	Soil	1.3	41.9	24.2	76	0.1	24.8	12.2	369	4.54	60.0	1.7	1.8	8.0	12	<0.1	1.2	0.5	25	0.04	0.068
1097344	Soil	1.2	31.1	18.6	80	0.2	34.5	14.2	316	3.33	44.4	1.7	4.5	13.7	7	<0.1	1.0	0.3	18	0.03	0.032

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1097324	Soil	27	10	0.27	42	0.003	<1	0.67	0.003	0.07	<0.1	0.02	1.0	<0.1	<0.05	2	<0.5	<0.2
1097330	Soil	16	10	0.35	48	0.002	1	0.72	0.003	0.07	<0.1	0.04	0.9	<0.1	0.06	2	0.5	<0.2
1097328	Soil	26	11	0.29	87	0.003	<1	0.73	0.003	0.07	<0.1	0.03	0.6	<0.1	0.07	2	<0.5	<0.2
1097326	Soil	40	11	0.34	50	0.002	<1	0.78	0.002	0.06	<0.1	<0.01	1.1	<0.1	<0.05	2	<0.5	<0.2
1097331	Soil	17	11	0.58	70	0.005	1	0.77	0.005	0.05	<0.1	0.06	1.0	<0.1	0.14	2	<0.5	<0.2
1097325	Soil	26	15	0.24	66	0.006	<1	0.94	0.002	0.04	0.1	0.01	0.9	<0.1	0.09	3	<0.5	<0.2
1097327	Soil	25	11	0.27	55	0.004	<1	0.64	0.003	0.05	<0.1	0.01	1.2	<0.1	0.05	2	<0.5	<0.2
1097346	Soil	25	20	0.47	130	0.021	<1	1.17	0.005	0.05	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1097341	Soil	22	16	0.25	124	0.012	<1	0.96	0.003	0.04	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1097349	Soil	24	16	0.25	63	0.011	<1	0.77	0.003	0.03	<0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1097347	Soil	24	20	0.47	114	0.017	<1	1.23	0.004	0.04	0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1097343	Soil	25	21	0.48	82	0.007	<1	1.28	0.004	0.03	<0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1097342	Soil	34	13	0.22	85	0.007	2	0.65	0.003	0.04	<0.1	0.03	1.6	<0.1	<0.05	2	<0.5	<0.2
1097348	Soil	15	23	0.28	82	0.023	2	1.35	0.004	0.03	0.2	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1098443	Soil	44	10	0.46	35	0.001	2	0.78	0.003	0.05	<0.1	0.04	1.4	<0.1	<0.05	2	<0.5	<0.2
1097345	Soil	37	17	0.35	73	0.007	5	0.99	0.006	0.05	<0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1097266	Soil	41	13	0.51	37	0.005	2	1.00	0.004	0.04	<0.1	0.01	1.0	<0.1	<0.05	3	<0.5	<0.2
1098444	Soil	29	15	0.27	114	0.009	1	0.84	0.004	0.04	0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1098442	Soil	40	11	0.24	43	0.002	1	0.68	0.003	0.04	<0.1	0.02	1.1	<0.1	<0.05	2	<0.5	<0.2
1097200	Soil	19	17	0.29	92	0.029	<1	0.80	0.007	0.05	0.2	0.02	1.7	<0.1	<0.05	2	<0.5	<0.2
1097199	Soil	25	17	0.31	97	0.021	2	0.96	0.004	0.04	0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1097340	Soil	16	21	0.35	123	0.017	1	1.20	0.004	0.04	0.2	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1097198	Soil	26	20	0.38	178	0.024	2	1.06	0.006	0.05	0.2	0.03	2.3	<0.1	<0.05	3	0.7	<0.2
1097297	Soil	37	15	0.36	53	0.011	2	0.82	0.003	0.04	<0.1	0.01	2.4	<0.1	<0.05	3	<0.5	<0.2
1097298	Soil	19	16	0.36	132	0.005	1	1.14	0.007	0.04	0.1	0.04	1.7	0.1	0.06	3	0.8	<0.2
1097299	Soil	31	17	0.41	91	0.012	2	1.26	0.004	0.04	0.1	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
1097300	Soil	29	16	0.27	101	0.012	1	0.85	0.004	0.04	0.1	0.01	1.3	0.2	<0.05	3	<0.5	<0.2
1097337	Soil	20	87	0.76	102	0.056	<1	1.54	0.006	0.10	0.3	0.01	2.5	0.2	<0.05	5	<0.5	<0.2
1097338	Soil	21	28	0.43	86	0.015	<1	1.10	0.004	0.04	0.2	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1097344	Soil	42	14	0.25	53	0.008	<1	0.75	0.003	0.04	<0.1	0.03	1.2	<0.1	<0.05	2	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS DAW11000261.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1097339	Soil	0.8	34.1	15.8	59	0.4	27.3	14.2	540	3.30	26.9	2.9	3.7	7.4	34	0.1	0.9	0.3	36	0.41	0.065
1098439	Soil	0.9	26.0	17.0	62	0.2	23.6	10.8	301	3.06	21.6	1.2	3.1	6.9	8	0.1	0.6	0.3	26	0.05	0.036
1097350	Soil	0.8	28.1	12.8	51	<0.1	17.9	8.5	250	2.43	11.5	1.6	1.4	5.5	11	<0.1	0.5	0.3	29	0.07	0.030
1098437	Soil	0.7	37.8	21.5	86	0.2	41.0	17.8	471	3.60	19.2	1.7	3.1	14.8	8	0.1	0.6	0.4	15	0.05	0.030
1098441	Soil	1.0	31.0	22.5	74	0.2	30.9	15.7	443	3.64	26.4	1.2	2.6	12.0	11	<0.1	0.5	0.3	33	0.05	0.036
1098440	Soil	1.0	23.2	12.5	51	0.4	21.9	10.3	378	2.37	15.1	1.1	2.8	7.6	10	0.2	0.4	0.3	22	0.07	0.029
1098435	Soil	0.9	18.3	10.9	53	0.1	17.8	7.5	201	2.10	13.9	1.0	7.0	2.3	11	0.1	0.6	0.2	29	0.10	0.047
1098438	Soil	1.2	60.0	38.7	95	0.3	36.0	15.8	286	5.00	16.1	2.4	11.1	18.1	11	0.2	0.7	0.6	12	0.04	0.054
1098436	Soil	0.5	32.4	14.0	80	0.2	38.7	16.3	392	3.19	23.8	1.7	2.8	15.5	6	<0.1	0.6	0.4	11	0.02	0.029
1099013	Soil	1.0	10.1	10.8	33	<0.1	9.6	4.1	207	1.87	12.4	0.5	1.5	2.4	5	<0.1	0.5	0.2	33	0.04	0.033
1099014	Soil	0.8	12.2	13.2	38	<0.1	10.6	3.8	123	2.18	14.3	0.8	2.8	1.8	8	0.1	0.6	0.2	36	0.06	0.050
1099015	Soil	0.7	17.5	11.6	53	<0.1	14.1	6.3	233	2.10	12.9	0.9	3.5	2.3	9	0.1	0.7	0.2	31	0.10	0.046
1099016	Soil	0.8	15.7	14.1	61	<0.1	15.4	8.7	379	2.43	22.9	0.9	4.4	1.7	7	0.1	1.0	0.2	33	0.07	0.049
1099017	Soil	0.8	11.4	11.6	43	<0.1	10.9	5.3	196	1.92	11.3	0.8	2.2	0.9	8	0.1	0.6	0.2	28	0.08	0.043
1099018	Soil	0.8	12.6	11.5	35	<0.1	9.7	3.6	97	1.78	11.9	0.9	2.3	0.7	8	0.1	0.5	0.2	28	0.07	0.045
1099020	Soil	1.0	25.6	16.9	64	<0.1	18.9	8.4	213	2.85	38.9	1.3	4.2	3.7	6	0.2	1.8	0.3	25	0.04	0.041
1099022	Soil	0.7	14.9	16.0	44	0.1	10.1	4.7	191	1.90	11.5	0.9	3.0	0.5	7	0.3	0.8	0.2	28	0.07	0.055
1099019	Soil	0.7	8.0	12.4	28	<0.1	7.6	2.7	80	1.67	11.1	0.7	0.9	0.5	7	0.1	0.7	0.2	29	0.05	0.030
1099021	Soil	1.1	8.9	19.0	43	0.3	10.0	4.6	207	2.70	14.2	0.4	2.2	2.2	6	0.1	1.0	0.2	44	0.05	0.034
1099023	Soil	1.1	15.0	26.2	109	0.2	23.0	12.0	611	2.90	19.5	0.7	3.7	5.1	9	0.5	2.0	0.3	29	0.11	0.063
1099024	Soil	0.7	7.7	14.1	35	0.2	8.3	2.9	91	1.42	12.9	0.5	2.1	0.2	7	0.4	0.8	0.2	24	0.07	0.047
1099026	Soil	1.2	13.1	15.0	52	0.4	12.3	6.2	256	2.56	22.3	0.5	2.7	1.4	7	0.3	1.1	0.3	37	0.06	0.044
1099025	Soil	1.0	9.2	14.5	49	0.2	12.9	7.1	262	2.52	25.5	0.5	25.8	3.1	7	0.2	1.4	0.2	37	0.08	0.048
1099027	Soil	1.1	33.2	16.1	43	0.2	23.0	6.6	191	2.73	134.7	1.1	4.0	3.0	5	0.1	7.9	0.3	16	0.04	0.055
1099030	Soil	0.8	13.0	16.5	58	<0.1	18.3	8.3	287	2.59	23.6	0.7	3.9	5.0	7	0.2	1.7	0.2	37	0.07	0.034
1099028	Soil	1.0	14.4	59.3	41	0.3	11.3	4.2	175	1.67	28.1	0.7	2.7	0.2	7	0.6	2.8	0.2	28	0.07	0.054
1099029	Soil	1.0	18.8	51.7	67	0.2	19.2	10.1	405	2.91	20.8	1.1	7.8	1.0	10	0.7	2.1	0.2	36	0.10	0.077
1099032	Soil	1.0	18.0	20.3	50	0.2	21.3	8.5	177	2.97	22.7	0.7	4.2	7.1	6	0.1	3.4	0.2	34	0.06	0.032
1099031	Soil	1.0	14.8	16.6	51	0.1	18.0	7.0	271	3.05	18.0	0.5	1.7	3.8	7	0.2	1.3	0.2	45	0.06	0.033
1099002	Soil	0.8	22.4	9.2	58	<0.1	30.3	12.5	289	3.12	41.3	1.5	3.0	9.1	8	0.2	0.8	0.4	22	0.08	0.054

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Project: MHR
Report Date: September 28, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1097339	Soil	23	17	0.51	150	0.009	1	1.18	0.005	0.03	0.2	0.06	2.8	<0.1	<0.05	4	<0.5	<0.2
1098439	Soil	28	18	0.31	98	0.012	<1	0.97	0.004	0.04	0.1	0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
1097350	Soil	17	20	0.37	147	0.026	<1	1.07	0.005	0.04	0.2	0.05	2.6	<0.1	<0.05	3	<0.5	<0.2
1098437	Soil	43	13	0.17	86	0.007	<1	0.56	0.003	0.04	<0.1	0.02	1.5	<0.1	<0.05	2	<0.5	<0.2
1098441	Soil	33	31	0.51	87	0.014	<1	1.18	0.004	0.05	<0.1	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
1098440	Soil	31	11	0.17	150	0.009	<1	0.74	0.004	0.04	0.1	0.02	1.0	<0.1	<0.05	3	0.5	<0.2
1098435	Soil	19	18	0.31	126	0.018	<1	0.94	0.004	0.04	0.3	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1098438	Soil	38	16	0.38	43	0.002	1	1.03	0.004	0.04	0.1	0.03	1.4	<0.1	<0.05	3	0.7	<0.2
1098436	Soil	47	10	0.10	85	0.003	<1	0.42	0.003	0.04	<0.1	0.02	1.6	<0.1	<0.05	1	<0.5	<0.2
1099013	Soil	23	12	0.10	40	0.021	1	0.67	0.004	0.03	0.1	0.02	0.8	<0.1	<0.05	4	<0.5	<0.2
1099014	Soil	18	19	0.26	77	0.023	1	1.11	0.004	0.03	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1099015	Soil	19	19	0.28	97	0.023	<1	0.96	0.004	0.04	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1099016	Soil	19	19	0.25	65	0.020	<1	1.06	0.004	0.03	0.2	0.03	1.1	0.1	<0.05	3	0.6	<0.2
1099017	Soil	16	16	0.23	84	0.015	<1	0.95	0.003	0.03	0.2	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
1099018	Soil	16	18	0.23	73	0.014	<1	0.98	0.003	0.03	0.2	0.03	0.9	<0.1	<0.05	3	<0.5	<0.2
1099020	Soil	28	15	0.19	50	0.012	<1	0.81	0.003	0.03	0.1	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
1099022	Soil	16	19	0.22	62	0.008	<1	0.82	0.003	0.03	0.2	0.03	0.5	<0.1	<0.05	3	<0.5	<0.2
1099019	Soil	17	15	0.18	53	0.014	<1	0.80	0.004	0.03	0.1	0.03	0.7	0.1	<0.05	4	<0.5	<0.2
1099021	Soil	14	19	0.23	41	0.027	1	0.91	0.004	0.02	0.2	0.03	0.9	<0.1	0.08	4	0.9	<0.2
1099023	Soil	23	22	0.67	55	0.021	2	1.18	0.004	0.05	0.1	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
1099024	Soil	13	13	0.19	75	0.008	1	0.73	0.004	0.03	0.2	0.05	0.3	<0.1	<0.05	3	<0.5	<0.2
1099026	Soil	13	19	0.24	57	0.016	<1	0.98	0.004	0.03	0.2	0.05	0.7	<0.1	<0.05	4	1.0	<0.2
1099025	Soil	14	17	0.23	72	0.018	1	1.06	0.004	0.03	0.2	0.04	1.0	<0.1	<0.05	4	1.0	<0.2
1099027	Soil	26	10	0.23	38	0.005	2	0.70	0.004	0.04	<0.1	0.03	0.5	<0.1	<0.05	3	0.7	<0.2
1099030	Soil	15	20	0.30	103	0.020	1	1.29	0.004	0.04	0.2	0.03	1.5	<0.1	<0.05	4	0.5	<0.2
1099028	Soil	14	15	0.19	99	0.007	1	0.84	0.004	0.03	<0.1	0.05	0.3	<0.1	<0.05	3	0.8	<0.2
1099029	Soil	17	20	0.30	135	0.012	2	1.29	0.004	0.04	0.2	0.04	1.3	0.1	<0.05	4	1.0	<0.2
1099032	Soil	20	17	0.25	58	0.020	1	1.08	0.004	0.03	0.2	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1099031	Soil	13	22	0.28	80	0.030	1	1.27	0.004	0.04	0.2	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1099002	Soil	29	17	0.49	81	0.012	1	1.17	0.003	0.04	0.2	0.01	1.3	<0.1	<0.05	4	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1099001	Soil		0.8	18.3	10.1	52	0.1	18.3	6.6	216	2.20	14.3	0.9	4.6	1.6	13	0.2	0.7	0.2	33	0.15	0.060
1099004	Soil		0.8	28.2	12.5	60	0.2	24.1	8.2	229	2.45	27.3	1.4	13.3	3.1	13	0.2	0.6	0.2	28	0.16	0.066
1099003	Soil		0.6	19.0	7.3	52	<0.1	21.1	7.9	216	2.10	23.2	0.9	3.6	4.4	10	0.1	0.5	0.2	29	0.13	0.056
1099005	Soil		0.8	16.3	12.2	53	<0.1	17.9	8.9	348	2.21	15.1	0.9	7.3	1.3	11	0.1	0.7	0.2	31	0.12	0.063
1099006	Soil		0.7	16.3	9.2	53	<0.1	18.2	9.0	317	2.34	14.5	0.9	2.1	1.8	8	0.2	0.5	0.2	29	0.09	0.052
1099008	Soil		0.8	26.4	11.9	68	<0.1	23.2	9.7	333	2.50	23.1	1.2	7.8	5.3	12	0.2	0.7	0.2	34	0.11	0.053
1099009	Soil		1.3	28.6	19.7	60	0.2	24.1	9.8	236	2.78	35.7	0.9	1.8	0.7	5	<0.1	1.2	0.4	26	0.04	0.050
1099011	Soil		1.0	12.9	11.9	46	<0.1	18.8	14.0	2966	2.40	16.9	0.9	2.4	2.5	6	0.1	0.6	0.2	27	0.04	0.042
1099007	Soil		0.7	12.7	13.6	42	<0.1	12.4	6.4	238	2.03	11.6	0.7	8.9	3.0	7	0.1	0.5	0.2	35	0.08	0.047
1099010	Soil		0.6	19.9	8.9	47	<0.1	20.2	7.2	216	1.89	12.3	0.6	15.5	4.4	10	0.2	0.6	0.1	31	0.13	0.050
1099012	Soil		1.0	15.5	13.0	60	<0.1	19.1	8.7	377	2.47	18.2	0.7	3.3	4.6	5	0.1	0.7	0.2	33	0.04	0.040
1096321	Soil		0.7	27.7	18.3	62	<0.1	28.0	11.7	288	2.67	9.4	1.2	1.0	5.0	9	0.1	2.5	0.2	28	0.05	0.040
1096325	Soil		0.7	22.6	12.5	60	<0.1	20.7	10.1	298	2.81	7.4	1.1	3.1	5.7	13	0.2	1.2	0.2	31	0.11	0.059
1096323	Soil		0.8	19.7	14.2	50	<0.1	16.3	6.5	154	2.32	7.8	1.0	2.4	3.4	9	<0.1	1.0	0.2	29	0.07	0.044
1096324	Soil		0.7	23.7	13.5	58	<0.1	21.0	9.9	257	2.69	8.1	1.2	3.2	5.6	10	<0.1	1.6	0.2	28	0.08	0.049
1096322	Soil		0.9	25.3	14.4	56	<0.1	21.6	8.5	204	2.53	8.5	1.0	1.8	3.5	9	0.2	0.9	0.2	34	0.08	0.046
1096326	Soil		0.6	20.2	10.8	65	<0.1	22.9	12.5	301	3.14	5.8	1.1	1.5	2.2	9	0.1	1.2	0.2	36	0.07	0.054
1096327	Soil		0.7	26.2	11.9	60	<0.1	26.4	12.2	361	2.29	8.1	1.1	3.0	6.4	10	0.3	0.9	0.2	27	0.11	0.050
1096329	Soil		0.7	22.1	11.0	51	<0.1	19.1	8.6	219	2.21	8.4	1.6	3.0	2.9	9	0.1	0.9	0.2	29	0.07	0.047
1096328	Soil		0.9	24.7	17.9	71	<0.1	29.1	17.7	408	3.37	7.9	1.5	2.9	3.9	10	0.2	1.2	0.2	35	0.07	0.058
1096332	Soil		0.8	17.9	12.2	51	<0.1	16.5	7.4	200	2.24	8.7	1.2	2.2	1.8	9	<0.1	0.9	0.2	34	0.07	0.044
1096331	Soil		0.7	21.1	12.0	54	<0.1	20.2	9.3	245	2.17	10.0	1.2	3.2	3.2	9	0.2	1.4	0.2	29	0.09	0.043
1096330	Soil		0.7	20.4	12.5	45	<0.1	15.8	5.8	130	2.05	11.5	1.0	2.8	1.2	8	<0.1	1.2	0.2	28	0.08	0.041
1096336	Soil		0.8	26.3	11.7	55	<0.1	21.3	10.1	306	2.55	10.2	1.4	7.2	4.0	9	0.1	1.0	0.2	32	0.09	0.050
1096334	Soil		1.1	25.7	16.1	62	<0.1	20.3	9.4	234	3.05	10.1	1.3	2.2	5.2	11	<0.1	1.6	0.2	34	0.05	0.044
1096339	Soil		1.0	20.3	16.0	55	<0.1	18.2	7.7	182	2.59	10.7	1.1	5.3	2.7	9	<0.1	2.6	0.2	30	0.08	0.042
1096340	Soil		0.7	14.1	13.0	45	<0.1	13.6	6.3	144	2.11	8.6	0.9	1.6	2.3	8	0.1	1.4	0.2	28	0.06	0.037
1096337	Soil		0.8	22.2	19.4	66	<0.1	20.9	9.1	291	2.66	15.3	1.2	<0.5	4.7	9	0.2	2.0	0.2	31	0.06	0.035
1096338	Soil		0.8	17.3	13.1	50	<0.1	16.0	7.0	202	2.19	10.1	1.1	0.9	2.4	11	<0.1	1.2	0.2	30	0.09	0.046
1096335	Soil		0.7	27.2	12.2	60	<0.1	21.9	11.6	358	2.33	9.3	1.3	2.5	4.3	14	0.2	0.9	0.2	34	0.12	0.051

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600 - 666 Burrard St.
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Project: MHR
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS DAW11000261.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1099001	Soil	16	19	0.30	182	0.020	1	0.96	0.005	0.03	0.4	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1099004	Soil	20	20	0.38	172	0.021	1	1.09	0.005	0.04	0.3	0.03	1.8	<0.1	<0.05	3	0.5	<0.2
1099003	Soil	18	19	0.41	86	0.026	1	1.06	0.004	0.04	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1099005	Soil	18	18	0.29	145	0.016	<1	0.93	0.004	0.04	0.3	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
1099006	Soil	20	17	0.30	82	0.015	2	0.89	0.003	0.03	0.2	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
1099008	Soil	20	22	0.39	193	0.029	1	1.13	0.005	0.04	0.2	0.04	2.7	<0.1	<0.05	3	<0.5	<0.2
1099009	Soil	24	12	0.07	36	0.008	2	0.49	0.004	0.03	<0.1	0.03	0.4	<0.1	<0.05	3	0.7	<0.2
1099011	Soil	19	13	0.16	52	0.019	2	0.63	0.003	0.03	0.2	0.03	0.7	0.1	<0.05	3	<0.5	<0.2
1099007	Soil	14	16	0.22	53	0.019	1	0.91	0.003	0.03	0.3	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1099010	Soil	13	16	0.28	144	0.025	<1	0.79	0.004	0.03	0.3	0.03	1.5	<0.1	<0.05	2	<0.5	<0.2
1099012	Soil	18	17	0.24	70	0.015	<1	1.06	0.003	0.03	0.2	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1096321	Soil	27	23	0.45	108	0.010	<1	1.23	0.003	0.03	0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1096325	Soil	24	18	0.51	77	0.016	1	1.36	0.003	0.03	0.1	0.04	1.8	<0.1	<0.05	4	<0.5	<0.2
1096323	Soil	21	19	0.41	80	0.012	<1	1.19	0.003	0.03	0.1	0.04	1.1	<0.1	<0.05	3	<0.5	<0.2
1096324	Soil	27	18	0.45	84	0.015	1	1.28	0.003	0.03	0.1	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1096322	Soil	19	23	0.48	77	0.014	<1	1.32	0.004	0.03	0.2	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1096326	Soil	24	15	0.62	100	0.010	<1	1.65	0.003	0.02	<0.1	0.03	1.5	<0.1	<0.05	5	<0.5	<0.2
1096327	Soil	23	16	0.40	182	0.020	<1	1.04	0.003	0.03	0.2	0.04	2.4	<0.1	<0.05	3	<0.5	<0.2
1096329	Soil	21	19	0.37	108	0.016	1	1.11	0.004	0.03	0.2	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
1096328	Soil	28	20	0.55	116	0.013	<1	1.50	0.004	0.03	<0.1	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1096332	Soil	17	21	0.38	85	0.014	<1	1.17	0.004	0.03	0.1	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1096331	Soil	17	20	0.39	138	0.018	<1	1.09	0.004	0.03	0.1	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1096330	Soil	15	17	0.32	116	0.011	<1	1.08	0.003	0.03	0.1	0.04	1.1	<0.1	<0.05	3	<0.5	<0.2
1096336	Soil	17	18	0.32	115	0.015	1	1.07	0.004	0.03	0.1	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
1096334	Soil	28	20	0.46	75	0.021	<1	1.30	0.004	0.03	0.1	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1096339	Soil	21	19	0.32	98	0.016	<1	1.14	0.004	0.03	0.2	0.04	1.8	<0.1	<0.05	4	<0.5	<0.2
1096340	Soil	21	17	0.27	91	0.013	<1	1.06	0.006	0.03	0.1	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1096337	Soil	21	20	0.39	120	0.018	<1	1.27	0.004	0.04	0.2	0.04	3.0	<0.1	<0.05	4	<0.5	<0.2
1096338	Soil	17	19	0.35	117	0.014	<1	1.23	0.005	0.04	0.2	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
1096335	Soil	20	21	0.41	226	0.025	1	1.24	0.010	0.04	0.2	0.04	3.1	<0.1	<0.05	4	<0.5	<0.2

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Project: MHR
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS DAW11000261.1

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096333	Soil	0.9	17.5	12.2	51	<0.1	15.0	7.0	228	2.43	10.4	0.9	1.7	1.6	9	0.2	0.8	0.2	35	0.09	0.047
1097261	Soil	1.0	24.3	16.1	56	<0.1	15.9	6.4	219	2.53	7.7	1.2	<0.5	6.6	10	0.1	1.1	0.3	26	0.07	0.042
1097260	Soil	0.9	22.5	15.2	50	<0.1	13.5	5.9	202	2.33	6.6	1.1	<0.5	6.1	9	0.1	1.0	0.3	24	0.07	0.036
1097259	Soil	0.7	10.1	11.2	32	<0.1	9.0	3.4	110	1.66	8.2	0.7	1.9	0.4	7	<0.1	0.5	0.2	29	0.06	0.039
1097258	Soil	0.8	15.3	9.8	63	<0.1	16.5	8.6	342	2.30	10.8	1.0	1.7	2.8	11	0.1	0.8	0.2	33	0.12	0.060
1097254	Soil	0.7	12.6	9.2	36	<0.1	11.4	3.8	99	1.48	6.5	0.7	<0.5	0.7	8	<0.1	0.7	0.2	26	0.07	0.033
1097262	Soil	0.9	16.9	11.7	72	<0.1	16.4	11.4	515	2.55	12.8	0.9	1.1	3.3	11	0.2	0.9	0.2	36	0.10	0.052
1097264	Soil	1.0	18.2	14.0	59	<0.1	17.2	8.0	334	2.51	10.8	0.8	0.6	2.1	9	0.2	0.8	0.2	37	0.08	0.047
1097263	Soil	0.9	14.1	12.3	46	<0.1	12.5	5.7	212	2.04	8.2	0.7	7.7	1.5	8	<0.1	0.7	0.2	30	0.08	0.040
1097251	Soil	1.0	24.9	13.8	62	<0.1	20.7	10.0	288	2.70	11.3	1.4	3.3	6.6	10	0.1	1.5	0.2	33	0.07	0.042
1097253	Soil	0.8	24.4	10.9	53	<0.1	17.1	7.6	237	2.30	9.8	1.1	1.4	4.9	12	0.1	1.0	0.2	29	0.10	0.044
1097256	Soil	0.8	33.1	14.7	62	<0.1	22.6	9.6	320	2.57	8.9	1.5	1.3	9.2	15	0.2	1.5	0.2	27	0.13	0.047
1097255	Soil	1.1	24.9	16.7	59	0.1	21.8	8.9	296	2.75	10.9	1.6	3.6	4.5	13	<0.1	1.1	0.3	34	0.09	0.052
1097252	Soil	0.6	22.6	11.1	56	<0.1	20.0	7.9	249	2.21	8.9	1.0	5.5	4.7	14	0.1	1.1	0.2	32	0.13	0.045
1097257	Soil	0.7	30.3	13.6	63	<0.1	22.6	8.3	297	2.48	7.2	1.1	2.4	8.3	15	0.2	1.1	0.2	28	0.13	0.039
1079925	Soil	0.8	24.6	13.2	57	<0.1	18.8	7.6	234	2.41	10.4	1.3	2.0	5.3	9	<0.1	1.4	0.2	29	0.09	0.041
1079926	Soil	0.8	21.9	13.1	54	<0.1	17.4	6.8	216	2.29	9.4	1.4	2.0	3.3	10	<0.1	1.0	0.2	32	0.08	0.042
1079927	Soil	0.7	16.2	11.6	52	<0.1	15.0	5.4	165	2.16	7.8	0.9	2.2	1.6	11	<0.1	0.7	0.2	36	0.10	0.046
1079924	Soil	0.8	22.5	11.1	55	<0.1	18.7	9.6	328	2.28	11.3	1.0	3.9	3.5	10	<0.1	0.8	0.2	32	0.11	0.055
1079928	Soil	0.6	20.0	9.4	58	0.1	18.6	7.9	289	1.90	9.2	1.0	10.2	3.4	12	0.2	0.7	0.1	32	0.14	0.064
1079929	Soil	0.7	22.3	10.4	53	<0.1	18.9	8.5	227	2.11	10.4	0.9	0.7	3.4	10	0.1	0.8	0.2	31	0.11	0.051
1079930	Soil	0.7	20.0	10.7	48	<0.1	17.1	6.1	180	1.96	8.4	1.0	5.6	2.4	10	<0.1	0.9	0.2	32	0.10	0.048
1079931	Soil	0.7	14.5	11.1	41	<0.1	12.4	5.0	137	2.01	10.0	1.0	2.4	1.3	8	<0.1	0.6	0.2	34	0.09	0.049
1079932	Soil	1.0	15.2	12.2	49	<0.1	13.0	6.1	220	2.44	10.9	1.0	2.8	2.5	9	<0.1	0.6	0.2	42	0.09	0.055
1079933	Soil	0.6	20.6	10.6	48	<0.1	16.0	7.3	214	1.97	8.6	1.3	0.8	3.1	9	<0.1	0.7	0.2	29	0.10	0.048
1079934	Soil	0.6	15.8	10.4	43	<0.1	12.2	4.3	111	1.94	8.0	0.9	1.5	4.4	8	<0.1	0.5	0.2	29	0.08	0.032
1079935	Soil	0.6	23.9	11.4	54	<0.1	18.1	7.9	246	2.09	9.2	1.1	4.1	5.3	10	<0.1	0.7	0.2	29	0.09	0.039
1079948	Soil	0.7	12.0	14.5	48	<0.1	13.8	7.9	278	2.47	13.8	1.0	1.1	2.0	8	0.1	1.1	0.2	38	0.08	0.041
1079947	Soil	1.0	15.7	14.6	45	<0.1	14.3	6.8	172	2.57	13.2	1.0	2.9	2.8	11	<0.1	1.1	0.2	44	0.12	0.054
1151684	Soil	0.6	12.1	10.0	37	<0.1	15.6	8.3	187	2.09	10.1	0.6	2.1	4.2	10	0.1	0.6	0.2	34	0.10	0.036

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096333	Soil	19	21	0.36	118	0.019	<1	1.24	0.004	0.04	0.2	0.04	1.9	<0.1	<0.05	4	<0.5	<0.2
1097261	Soil	35	17	0.37	131	0.018	<1	1.08	0.005	0.04	0.2	0.03	2.2	<0.1	<0.05	3	0.7	<0.2
1097260	Soil	31	16	0.32	121	0.017	<1	0.94	0.008	0.03	0.1	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1097259	Soil	15	17	0.22	60	0.012	<1	0.87	0.004	0.03	0.1	0.03	1.0	<0.1	<0.05	4	<0.5	<0.2
1097258	Soil	14	21	0.37	118	0.019	<1	1.25	0.006	0.04	0.2	0.02	2.3	<0.1	<0.05	4	0.6	<0.2
1097254	Soil	17	16	0.26	74	0.014	<1	0.94	0.004	0.03	0.1	0.03	1.0	<0.1	<0.05	4	<0.5	<0.2
1097262	Soil	15	22	0.38	145	0.026	<1	1.23	0.007	0.05	0.2	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
1097264	Soil	18	21	0.33	89	0.020	<1	1.22	0.005	0.04	0.2	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1097263	Soil	19	17	0.28	71	0.016	<1	0.97	0.004	0.03	0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1097251	Soil	23	22	0.41	147	0.021	<1	1.42	0.005	0.05	0.2	0.05	3.5	<0.1	<0.05	4	<0.5	<0.2
1097253	Soil	22	17	0.35	154	0.024	<1	1.08	0.004	0.04	0.2	0.03	3.1	<0.1	<0.05	3	<0.5	<0.2
1097256	Soil	29	18	0.38	286	0.028	<1	1.06	0.011	0.06	0.2	0.03	4.3	<0.1	<0.05	3	<0.5	<0.2
1097255	Soil	22	22	0.40	200	0.021	<1	1.45	0.005	0.04	0.2	0.04	3.3	<0.1	<0.05	4	<0.5	<0.2
1097252	Soil	20	19	0.36	222	0.026	<1	1.13	0.005	0.04	0.2	0.02	2.6	<0.1	<0.05	3	<0.5	<0.2
1097257	Soil	30	18	0.39	307	0.027	<1	1.08	0.008	0.05	0.2	0.02	3.7	<0.1	<0.05	3	<0.5	<0.2
1079925	Soil	26	19	0.36	155	0.026	<1	1.11	0.012	0.03	0.2	0.03	2.9	<0.1	<0.05	3	<0.5	<0.2
1079926	Soil	23	20	0.37	170	0.023	<1	1.17	0.005	0.03	0.2	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1079927	Soil	19	22	0.40	115	0.027	<1	1.31	0.006	0.04	0.2	0.04	2.0	0.1	<0.05	4	<0.5	<0.2
1079924	Soil	16	20	0.38	111	0.026	<1	1.31	0.007	0.04	0.2	0.04	2.6	<0.1	<0.05	3	0.8	<0.2
1079928	Soil	17	18	0.36	132	0.033	<1	1.13	0.008	0.04	0.2	0.04	3.8	<0.1	<0.05	3	<0.5	<0.2
1079929	Soil	18	19	0.33	122	0.028	<1	1.10	0.007	0.04	0.2	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
1079930	Soil	20	19	0.32	139	0.026	<1	1.12	0.004	0.04	0.2	0.04	2.6	0.1	<0.05	3	<0.5	<0.2
1079931	Soil	16	20	0.32	97	0.023	<1	1.21	0.005	0.04	0.1	0.04	1.9	<0.1	<0.05	4	<0.5	<0.2
1079932	Soil	17	23	0.36	134	0.032	<1	1.35	0.005	0.04	0.2	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1079933	Soil	18	19	0.35	96	0.026	<1	1.18	0.004	0.04	0.1	0.05	2.5	<0.1	<0.05	3	<0.5	<0.2
1079934	Soil	22	18	0.34	92	0.023	<1	1.15	0.004	0.03	0.1	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1079935	Soil	20	18	0.35	162	0.031	<1	1.11	0.005	0.04	0.1	0.04	3.2	<0.1	<0.05	3	<0.5	<0.2
1079948	Soil	15	23	0.32	109	0.026	<1	1.34	0.004	0.05	0.3	0.03	2.1	0.1	<0.05	5	<0.5	<0.2
1079947	Soil	16	25	0.35	147	0.029	<1	1.59	0.007	0.04	0.2	0.05	3.1	0.1	<0.05	5	<0.5	<0.2
1151684	Soil	12	21	0.36	109	0.029	<1	1.48	0.006	0.04	0.2	0.04	2.9	<0.1	<0.05	3	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS DAW11000261.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151685	Soil		1.6	15.8	11.7	26	0.2	7.3	2.3	70	1.28	5.2	0.8	2.6	0.5	8	<0.1	0.4	0.3	35	0.08	0.059
1151688	Soil		0.9	15.7	8.4	44	<0.1	12.6	4.3	121	1.82	10.0	0.7	1.7	0.5	9	0.1	0.6	0.2	36	0.13	0.065
1151689	Soil		0.9	15.7	8.3	40	<0.1	12.4	4.2	111	1.81	10.1	0.6	2.8	0.5	9	<0.1	0.6	0.2	35	0.13	0.061
1151687	Soil		0.8	20.7	8.9	54	<0.1	17.0	7.2	243	1.94	10.0	0.6	4.5	1.7	11	0.2	0.6	0.1	32	0.15	0.071
1079950	Soil		1.4	11.7	16.1	37	<0.1	11.2	3.7	123	2.03	11.2	0.9	3.6	0.3	6	<0.1	1.4	0.3	47	0.05	0.072
1151686	Soil		1.0	22.9	12.6	59	<0.1	18.0	7.0	199	2.19	10.2	1.1	19.9	1.5	12	0.2	0.7	0.2	34	0.14	0.080
1079937	Soil		0.9	20.2	11.1	48	<0.1	15.8	5.8	107	2.12	8.1	0.9	2.9	2.8	7	<0.1	1.0	0.2	30	0.07	0.042
1079939	Soil		0.9	22.1	11.9	56	<0.1	19.6	8.6	292	2.17	9.6	1.1	1.6	3.1	9	0.1	1.5	0.2	34	0.10	0.043
1079938	Soil		0.9	20.7	13.0	63	<0.1	19.1	9.0	238	2.51	10.7	1.2	1.9	4.0	9	0.1	1.3	0.2	37	0.10	0.052
1079936	Soil		0.9	20.6	11.0	55	<0.1	16.3	6.9	176	2.31	8.9	1.1	2.2	3.0	9	<0.1	1.1	0.2	35	0.09	0.042
1079940	Soil		0.8	15.3	11.9	40	<0.1	12.4	5.7	136	2.04	9.1	0.8	2.0	2.2	7	0.1	0.7	0.2	37	0.09	0.053
1079941	Soil		0.9	20.0	12.1	48	<0.1	18.1	7.2	161	2.45	9.1	0.9	1.9	4.7	9	<0.1	1.2	0.2	34	0.10	0.052
1079942	Soil		0.8	30.0	12.5	61	<0.1	22.2	10.7	335	2.77	10.4	1.4	2.2	5.5	10	0.1	1.4	0.2	37	0.10	0.052
1079943	Soil		0.7	30.5	14.1	67	<0.1	24.3	10.9	240	2.42	8.3	0.8	2.1	6.1	8	0.1	2.1	0.2	31	0.07	0.032
1079944	Soil		0.9	19.4	12.4	47	<0.1	17.3	7.5	176	2.98	13.2	0.7	2.3	4.2	8	<0.1	0.9	0.2	37	0.07	0.035
1079949	Soil		0.8	15.9	9.7	45	<0.1	16.6	7.7	200	2.68	11.0	0.8	2.1	1.7	10	0.2	0.6	0.2	43	0.11	0.050
1079946	Soil		0.9	30.5	16.2	58	<0.1	23.3	7.7	201	2.93	24.7	1.2	13.2	4.8	7	0.1	3.5	0.2	34	0.06	0.037
1079945	Soil		0.9	31.1	16.0	63	<0.1	24.7	8.3	241	2.88	22.4	1.2	2.1	5.7	8	<0.1	3.1	0.2	34	0.07	0.036
1097369	Soil		0.9	27.2	11.8	62	<0.1	18.9	8.0	236	2.37	8.5	1.4	3.2	6.0	11	0.1	1.0	0.3	32	0.12	0.057
1097367	Soil		0.8	32.1	13.2	61	<0.1	20.0	8.5	238	2.65	9.3	1.4	7.9	7.3	11	0.1	1.2	0.2	31	0.11	0.054
1097366	Soil		1.0	26.6	10.9	69	<0.1	24.5	10.6	291	2.34	10.9	1.0	1.7	4.1	11	0.2	1.0	0.2	37	0.16	0.076
1097368	Soil		1.1	33.4	12.0	66	<0.1	27.8	12.3	390	2.91	12.1	1.3	5.0	5.5	11	0.2	2.6	0.2	32	0.08	0.045
1098051	Soil		1.0	31.1	13.6	73	0.1	23.8	9.0	229	2.80	9.6	1.4	2.1	4.8	10	0.1	1.5	0.3	30	0.08	0.050
1097370	Soil		0.6	22.0	7.9	53	<0.1	19.0	7.7	210	2.26	8.6	0.9	4.4	4.6	14	0.1	1.0	0.1	26	0.16	0.055
1098053	Soil		0.9	24.7	14.6	81	<0.1	24.5	13.5	401	2.81	14.6	1.0	1.7	5.8	11	0.2	2.0	0.2	30	0.11	0.079
1098052	Soil		0.8	32.0	9.7	68	<0.1	24.1	9.7	330	2.05	10.8	0.9	2.4	4.1	11	0.3	0.8	0.2	30	0.15	0.076
1098055	Soil		0.9	24.5	8.4	58	<0.1	25.1	8.8	298	2.16	10.0	0.8	3.0	4.0	14	0.3	1.1	0.1	30	0.14	0.060
1098057	Soil		0.9	25.8	13.8	61	<0.1	22.9	9.7	228	2.85	11.2	1.1	4.0	3.0	10	0.1	1.1	0.2	34	0.09	0.046
1098054	Soil		1.0	30.3	13.9	76	<0.1	27.3	11.9	316	3.08	9.3	1.2	6.3	5.4	16	0.2	1.7	0.3	27	0.14	0.052
1098056	Soil		0.8	26.8	11.4	61	<0.1	24.0	11.5	294	2.58	9.9	1.0	2.1	3.4	10	0.1	0.9	0.2	29	0.11	0.061

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Project: MHR
Report Date: September 28, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151685	Soil	9	17	0.10	46	0.017	1	1.01	0.009	0.03	<0.1	0.07	0.7	<0.1	0.09	5	<0.5	<0.2
1151688	Soil	12	20	0.27	97	0.018	2	1.01	0.004	0.03	0.3	0.04	1.0	<0.1	<0.05	3	<0.5	<0.2
1151689	Soil	12	19	0.26	91	0.019	1	0.99	0.004	0.03	0.3	0.05	0.9	<0.1	<0.05	3	<0.5	<0.2
1151687	Soil	14	18	0.29	124	0.023	<1	0.88	0.004	0.04	0.5	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1079950	Soil	13	23	0.19	90	0.020	<1	1.07	0.004	0.05	0.1	0.05	0.7	0.1	<0.05	6	<0.5	<0.2
1151686	Soil	16	19	0.34	109	0.021	1	1.20	0.006	0.04	0.3	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
1079937	Soil	20	19	0.28	91	0.018	1	1.10	0.004	0.03	0.2	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1079939	Soil	20	20	0.28	149	0.022	1	1.08	0.004	0.03	0.2	0.03	2.2	<0.1	<0.05	4	0.5	<0.2
1079938	Soil	19	22	0.32	160	0.023	<1	1.26	0.004	0.04	0.2	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
1079936	Soil	20	21	0.32	116	0.025	<1	1.20	0.004	0.03	0.1	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1079940	Soil	18	20	0.30	102	0.022	<1	1.44	0.005	0.04	0.2	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1079941	Soil	23	20	0.32	179	0.023	1	1.36	0.004	0.04	0.2	0.03	2.1	0.1	<0.05	4	0.5	<0.2
1079942	Soil	24	24	0.43	150	0.026	1	1.67	0.005	0.05	0.2	0.04	2.8	<0.1	<0.05	4	0.6	<0.2
1079943	Soil	24	21	0.38	197	0.026	1	1.24	0.003	0.06	0.2	0.03	2.4	<0.1	<0.05	4	<0.5	<0.2
1079944	Soil	19	25	0.38	108	0.025	<1	1.64	0.004	0.04	0.2	0.04	1.8	<0.1	<0.05	5	<0.5	<0.2
1079949	Soil	13	27	0.33	139	0.024	2	1.72	0.005	0.04	0.2	0.04	1.8	<0.1	<0.05	5	0.5	<0.2
1079946	Soil	26	25	0.35	148	0.026	<1	1.29	0.003	0.05	0.2	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1079945	Soil	27	25	0.37	173	0.031	1	1.24	0.003	0.04	0.1	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
1097369	Soil	26	21	0.40	167	0.027	<1	1.33	0.005	0.04	0.2	0.03	2.4	<0.1	<0.05	4	<0.5	<0.2
1097367	Soil	29	22	0.39	218	0.028	<1	1.22	0.005	0.05	0.1	0.04	2.5	<0.1	<0.05	4	<0.5	<0.2
1097366	Soil	18	22	0.39	144	0.035	1	1.42	0.005	0.06	0.3	0.04	3.3	<0.1	<0.05	4	<0.5	<0.2
1097368	Soil	28	22	0.37	182	0.022	<1	1.27	0.006	0.05	0.2	0.04	2.4	<0.1	<0.05	4	<0.5	<0.2
1098051	Soil	29	20	0.34	189	0.020	<1	1.35	0.005	0.05	0.2	0.04	2.8	0.1	<0.05	4	<0.5	<0.2
1097370	Soil	21	17	0.32	139	0.026	1	0.93	0.007	0.05	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1098053	Soil	25	19	0.32	118	0.022	2	1.41	0.005	0.05	0.2	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1098052	Soil	16	18	0.32	88	0.030	<1	1.07	0.005	0.05	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1098055	Soil	16	18	0.32	190	0.028	1	1.01	0.004	0.05	0.2	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1098057	Soil	21	20	0.32	149	0.021	1	1.38	0.005	0.05	0.2	0.04	2.1	0.1	<0.05	4	<0.5	<0.2
1098054	Soil	33	17	0.23	246	0.018	1	0.77	0.005	0.04	0.2	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1098056	Soil	20	18	0.32	112	0.026	<1	1.18	0.004	0.04	0.2	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098060	Soil		1.0	21.3	12.4	59	<0.1	18.0	8.1	240	2.53	10.5	1.0	4.2	1.8	10	0.2	0.8	0.2	33	0.11	0.065
1098059	Soil		0.8	28.0	15.7	70	<0.1	22.6	12.1	339	2.63	10.2	1.0	3.0	4.2	12	0.2	1.4	0.3	29	0.12	0.060
1098061	Soil		1.2	39.7	20.4	99	<0.1	35.1	14.3	278	3.24	8.9	1.8	1.2	10.8	14	0.2	2.1	0.4	22	0.07	0.044
1098058	Soil		1.2	24.6	16.9	57	<0.1	18.9	7.3	183	2.87	12.0	1.1	2.9	2.1	9	0.1	0.8	0.3	41	0.09	0.053
1098063	Soil		0.8	24.3	12.0	72	<0.1	23.6	11.2	374	2.26	10.8	1.1	2.2	5.1	12	0.2	0.9	0.2	29	0.12	0.067
1098062	Soil		1.0	40.6	15.7	83	<0.1	34.2	14.5	381	3.34	9.4	1.4	4.8	8.9	13	0.2	0.8	0.3	24	0.11	0.050
1098065	Soil		0.9	31.2	17.9	78	0.1	24.5	11.8	382	2.82	12.0	2.0	6.9	7.9	16	0.2	1.1	0.3	33	0.14	0.054
1098064	Soil		1.1	24.3	17.6	71	<0.1	22.5	11.6	424	2.86	12.1	1.1	7.2	6.3	13	0.2	1.1	0.3	32	0.11	0.061
1098066	Soil		0.8	26.1	15.7	63	<0.1	22.6	10.0	278	2.67	9.4	1.6	2.5	6.0	10	<0.1	0.9	0.3	26	0.06	0.037
1098067	Soil		1.0	34.8	15.0	71	0.1	25.6	10.4	318	2.74	11.6	1.5	4.3	9.8	14	0.2	1.0	0.3	29	0.12	0.052
1098069	Soil		1.2	16.2	15.3	53	<0.1	15.2	8.3	355	2.77	11.8	0.7	1.7	2.8	8	0.1	1.1	0.2	35	0.07	0.051
1098068	Soil		0.9	29.6	15.0	69	0.1	25.1	11.1	329	2.56	11.3	1.5	8.3	7.7	12	0.1	1.4	0.2	27	0.09	0.046
1098072	Soil		1.1	22.7	17.3	68	<0.1	19.6	11.6	472	2.82	15.0	1.0	3.0	3.6	10	0.2	1.7	0.2	34	0.10	0.059
1098073	Soil		1.1	22.0	15.5	63	<0.1	18.7	8.9	278	2.62	15.6	1.3	3.8	5.4	10	0.2	1.3	0.3	38	0.08	0.041
1098071	Soil		0.9	31.2	21.6	85	0.1	25.2	11.2	316	2.90	17.6	1.5	1.7	10.2	9	0.2	3.6	0.2	20	0.06	0.035
1098070	Soil		1.0	18.8	14.8	57	<0.1	15.1	9.5	386	2.39	14.3	0.9	2.3	1.7	9	0.1	2.4	0.2	28	0.08	0.057
1098075	Soil		0.7	17.1	10.6	49	0.1	13.7	5.8	187	2.00	12.1	1.0	4.7	2.3	11	<0.1	1.0	0.2	32	0.10	0.051
1098074	Soil		1.0	26.9	12.8	70	<0.1	23.4	9.5	358	2.47	14.5	1.1	1.8	6.2	19	0.2	1.3	0.2	38	0.17	0.047
1098077	Soil		0.9	24.3	12.2	60	0.1	19.0	8.4	253	2.35	15.5	1.0	2.0	4.3	15	0.2	0.8	0.2	36	0.17	0.059
1098076	Soil		0.8	17.8	11.1	50	<0.1	15.3	5.8	180	2.13	13.0	1.1	4.8	0.8	13	0.2	0.6	0.2	35	0.13	0.069
1098078	Soil		0.9	26.5	13.9	61	0.1	20.5	8.7	243	2.61	16.0	1.2	3.0	2.9	11	0.2	0.8	0.2	34	0.11	0.054
1098040	Soil		0.4	34.8	42.0	94	0.6	29.3	13.6	507	2.65	54.4	1.1	6.5	15.6	34	0.7	0.6	0.3	9	0.59	0.049
1098041	Soil		0.6	31.7	54.8	117	0.8	30.1	12.1	532	2.87	52.7	1.4	10.1	11.5	41	1.3	0.5	0.3	13	0.55	0.049
1098039	Soil		0.6	32.8	50.0	141	0.6	30.7	12.2	683	2.79	47.7	1.6	10.2	11.1	51	1.9	0.6	0.3	9	0.81	0.057
1098037	Soil		0.6	27.6	26.1	87	0.7	22.6	9.6	514	2.35	27.9	1.7	8.5	6.0	51	0.5	0.9	0.3	13	0.90	0.050
1098038	Soil		0.4	24.9	33.0	88	0.5	23.3	9.7	444	2.25	22.4	2.6	4.3	6.1	39	0.6	0.7	0.2	16	0.63	0.047
1098042	Soil		0.6	28.9	327.6	427	2.3	30.2	12.3	1790	3.19	76.3	1.5	25.8	19.2	17	8.3	1.7	0.8	10	0.32	0.052
1098043	Soil		0.3	22.4	38.7	68	0.1	22.2	10.1	357	2.65	34.2	1.1	12.5	14.9	13	0.2	0.2	0.3	8	0.09	0.031
1098044	Soil		0.4	26.2	29.7	71	0.2	24.1	10.4	382	2.65	21.2	1.2	7.1	12.4	18	0.2	0.3	0.2	9	0.25	0.038
1098045	Soil		0.7	36.6	42.7	96	0.3	34.3	14.1	593	3.01	23.3	1.4	16.2	16.2	21	0.5	0.8	0.4	17	0.35	0.046

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS DAW11000261.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098060	Soil	21	21	0.40	123	0.021	1	1.50	0.005	0.04	0.2	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1098059	Soil	24	18	0.36	174	0.022	1	1.29	0.005	0.04	0.2	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1098061	Soil	44	16	0.26	163	0.017	<1	0.85	0.003	0.04	<0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1098058	Soil	20	25	0.33	104	0.019	1	1.63	0.005	0.04	0.2	0.04	1.7	0.1	<0.05	5	<0.5	<0.2
1098063	Soil	20	18	0.35	167	0.027	1	1.29	0.005	0.04	0.2	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1098062	Soil	36	17	0.38	179	0.019	1	1.12	0.005	0.05	0.1	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
1098065	Soil	26	21	0.42	222	0.025	2	1.24	0.007	0.04	0.2	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
1098064	Soil	23	19	0.37	90	0.025	2	1.08	0.005	0.05	0.1	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
1098066	Soil	33	16	0.27	113	0.019	<1	0.97	0.004	0.03	0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1098067	Soil	29	18	0.35	212	0.032	2	1.05	0.007	0.06	0.2	0.03	3.3	<0.1	<0.05	3	<0.5	<0.2
1098069	Soil	24	19	0.27	61	0.018	1	1.03	0.004	0.04	0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1098068	Soil	31	17	0.30	142	0.023	1	1.03	0.005	0.05	0.2	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1098072	Soil	23	22	0.33	83	0.019	1	1.22	0.005	0.05	0.1	0.03	1.8	0.1	<0.05	3	0.7	<0.2
1098073	Soil	23	24	0.38	160	0.025	1	1.47	0.005	0.05	0.2	0.04	2.9	0.1	<0.05	4	<0.5	<0.2
1098071	Soil	36	13	0.22	113	0.018	1	0.77	0.004	0.05	0.1	0.03	2.1	0.1	<0.05	2	<0.5	<0.2
1098070	Soil	25	18	0.26	67	0.013	1	1.01	0.005	0.05	0.1	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1098075	Soil	19	20	0.34	126	0.021	<1	1.14	0.005	0.03	0.1	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1098074	Soil	24	22	0.43	278	0.042	2	1.26	0.010	0.06	0.2	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2
1098077	Soil	20	21	0.41	151	0.032	<1	1.32	0.006	0.04	0.2	0.03	2.5	<0.1	<0.05	4	0.5	<0.2
1098076	Soil	17	21	0.33	115	0.017	<1	1.25	0.005	0.04	0.1	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1098078	Soil	21	21	0.38	111	0.019	<1	1.32	0.004	0.04	0.2	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1098040	Soil	38	13	0.43	38	0.003	<1	0.85	0.003	0.09	<0.1	0.01	1.3	<0.1	<0.05	2	<0.5	<0.2
1098041	Soil	35	18	0.47	69	0.003	<1	1.13	0.004	0.10	<0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1098039	Soil	34	16	0.39	43	0.002	<1	0.89	0.004	0.08	0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
1098037	Soil	19	13	0.39	100	0.003	1	0.98	0.005	0.08	<0.1	0.03	1.4	0.1	<0.05	3	<0.5	<0.2
1098038	Soil	24	16	0.36	103	0.005	1	0.92	0.004	0.06	<0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1098042	Soil	56	14	0.34	54	0.003	<1	0.90	0.003	0.08	<0.1	0.01	2.0	<0.1	<0.05	3	<0.5	<0.2
1098043	Soil	38	12	0.31	45	0.002	<1	0.90	0.002	0.07	<0.1	<0.01	1.0	<0.1	<0.05	2	<0.5	<0.2
1098044	Soil	33	12	0.29	66	0.002	<1	0.84	0.003	0.08	<0.1	<0.01	1.3	<0.1	<0.05	2	<0.5	<0.2
1098045	Soil	47	23	0.49	59	0.006	<1	0.99	0.003	0.08	<0.1	0.01	2.1	<0.1	<0.05	3	<0.5	<0.2

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Project: MHR
Report Date: September 28, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098046	Soil	0.5	34.0	68.0	106	0.4	27.7	12.1	809	2.59	28.2	2.2	11.7	10.2	59	1.3	0.7	0.3	13	1.18	0.051
1098047	Soil	0.4	30.2	42.7	103	0.3	29.3	11.8	461	2.77	35.7	1.8	11.0	13.1	42	0.8	0.7	0.3	14	0.85	0.049
1098048	Soil	0.6	26.9	36.1	80	0.2	26.1	12.5	647	3.37	71.0	2.3	19.6	9.7	31	0.2	0.7	0.3	16	0.43	0.054
1098032	Soil	0.8	17.9	21.2	65	0.3	17.4	7.3	336	2.17	18.6	0.8	8.1	6.5	14	0.3	1.1	0.2	28	0.18	0.036
1098035	Soil	0.8	17.8	21.8	60	0.3	20.7	10.6	446	2.41	36.1	0.8	8.3	9.7	15	0.3	1.6	0.2	20	0.17	0.046
1098033	Soil	0.5	20.8	24.8	68	0.4	18.2	7.8	339	2.39	38.2	1.0	14.9	11.0	11	0.2	2.1	0.2	21	0.10	0.033
1098034	Soil	0.8	23.3	36.5	84	0.5	22.5	9.2	431	2.61	34.9	1.0	9.8	6.6	14	0.4	1.3	0.2	27	0.14	0.042
1098031	Soil	0.8	22.4	21.1	62	0.3	24.1	11.7	433	2.50	39.9	1.0	7.8	9.8	15	0.2	1.1	0.2	23	0.21	0.034
1098036	Soil	0.7	29.2	17.2	110	0.3	30.5	12.1	316	2.89	22.4	1.2	2.5	13.7	12	0.3	1.3	0.2	20	0.15	0.063
1098049	Soil	0.6	32.0	25.1	84	0.2	28.1	11.6	337	3.13	41.0	1.4	15.6	10.3	29	0.3	0.7	0.3	16	0.57	0.046
1098098	Soil	0.7	28.3	14.2	61	0.1	26.5	11.5	318	2.84	30.7	1.0	6.8	11.9	9	<0.1	0.7	0.3	20	0.07	0.027
1098096	Soil	0.8	16.5	15.4	49	0.2	19.2	10.4	412	2.36	17.4	0.7	9.1	6.8	15	0.2	0.9	0.2	24	0.13	0.054
1098095	Soil	0.9	21.7	18.6	57	0.2	22.5	10.6	463	2.97	22.7	0.9	1.7	9.4	15	0.1	1.6	0.3	24	0.12	0.031
1098097	Soil	0.4	29.1	17.0	69	<0.1	29.8	13.3	394	3.09	22.1	1.1	4.8	15.5	12	0.1	0.5	0.3	11	0.12	0.043
1098445	Soil	1.2	46.6	28.9	69	0.2	25.1	9.7	293	2.56	23.4	1.5	5.4	8.7	41	0.3	2.1	0.4	10	0.81	0.053
1098100	Soil	1.5	62.3	38.3	86	0.1	23.4	8.7	375	4.83	9.7	2.1	14.4	18.8	30	0.1	5.2	1.3	21	0.04	0.061
1098099	Soil	0.7	32.4	20.9	64	0.2	26.6	12.1	829	2.52	39.0	1.1	3.6	8.7	22	0.4	0.8	0.4	13	0.27	0.049
1098498	Soil	1.0	23.4	19.3	55	0.2	20.1	8.1	193	2.98	18.5	0.9	5.2	10.3	10	0.1	1.2	0.3	28	0.05	0.026
1098499	Soil	1.1	22.1	24.2	58	0.2	20.7	8.2	204	3.05	23.7	1.1	3.1	10.1	10	0.1	2.2	0.3	22	0.06	0.034
1098500	Soil	1.0	22.4	16.2	64	0.2	20.7	10.4	410	2.80	32.4	1.0	2.2	7.5	12	0.3	1.8	0.3	26	0.07	0.045
1098086	Soil	1.1	28.8	20.4	67	0.2	29.8	11.0	229	3.35	39.5	1.5	6.4	12.6	13	0.1	1.8	0.4	24	0.06	0.029
1098087	Soil	0.9	22.3	15.3	52	<0.1	20.5	8.3	202	2.64	23.2	1.4	2.6	10.9	9	<0.1	1.3	0.3	26	0.06	0.025
1098088	Soil	0.9	17.0	14.6	51	0.2	15.2	6.1	193	2.57	17.5	0.8	3.9	7.0	12	0.2	1.3	0.3	27	0.08	0.035
1098089	Soil	1.0	19.3	15.9	52	0.1	20.2	8.9	245	2.52	26.1	1.2	2.8	10.3	17	<0.1	0.9	0.3	21	0.13	0.028
1098090	Soil	1.1	28.1	20.2	61	0.3	27.1	9.8	212	3.21	32.8	1.7	2.5	9.7	11	0.1	1.6	0.4	20	0.05	0.048
1098091	Soil	1.2	25.2	21.6	60	0.3	22.3	9.9	286	3.27	24.3	1.3	1.9	11.2	13	0.1	1.6	0.4	24	0.07	0.041
1098092	Soil	1.3	26.3	19.6	73	0.2	31.1	14.8	324	3.79	22.3	1.4	1.7	11.0	15	0.2	1.7	0.4	38	0.10	0.059
1098481	Soil	1.5	43.0	27.6	87	0.1	23.2	10.4	348	3.67	21.2	3.4	1.4	21.5	10	0.1	5.9	0.5	15	0.05	0.055
1098093	Soil	1.0	25.2	18.8	65	0.2	26.8	11.7	468	3.29	23.3	1.0	4.4	10.4	17	0.2	1.4	0.4	25	0.17	0.043
1098094	Soil	0.8	23.5	23.1	59	0.2	23.3	11.9	347	2.96	20.1	1.4	3.9	11.8	15	0.2	1.3	0.3	23	0.13	0.036

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098046	Soil	32	15	0.40	90	0.003	1	0.91	0.004	0.07	<0.1	0.02	1.7	<0.1	0.06	3	<0.5	<0.2
1098047	Soil	40	18	0.41	92	0.003	1	1.15	0.005	0.11	<0.1	0.02	1.9	0.1	<0.05	3	0.6	<0.2
1098048	Soil	32	17	0.36	198	0.003	<1	1.32	0.005	0.09	<0.1	0.04	2.1	0.1	<0.05	4	<0.5	<0.2
1098032	Soil	24	19	0.38	143	0.020	<1	1.18	0.006	0.05	0.2	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1098035	Soil	32	15	0.28	133	0.010	1	0.94	0.005	0.11	0.2	0.02	1.4	0.1	<0.05	3	<0.5	<0.2
1098033	Soil	33	16	0.28	112	0.011	<1	0.97	0.004	0.06	0.2	0.03	1.9	0.1	<0.05	3	<0.5	<0.2
1098034	Soil	27	20	0.39	172	0.012	<1	1.33	0.005	0.08	0.1	0.03	1.9	0.1	<0.05	4	<0.5	<0.2
1098031	Soil	32	17	0.34	124	0.011	<1	1.09	0.005	0.07	0.1	0.02	1.7	0.2	<0.05	3	<0.5	<0.2
1098036	Soil	39	19	0.45	68	0.014	<1	1.16	0.004	0.04	<0.1	0.01	1.7	0.1	<0.05	3	<0.5	<0.2
1098049	Soil	29	18	0.50	103	0.008	1	1.39	0.005	0.09	<0.1	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1098098	Soil	43	15	0.35	95	0.005	<1	1.15	0.004	0.07	<0.1	0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
1098096	Soil	29	15	0.27	142	0.008	<1	0.93	0.006	0.06	0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
1098095	Soil	27	15	0.33	133	0.006	<1	1.08	0.005	0.05	0.1	0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
1098097	Soil	44	12	0.45	81	0.005	<1	1.06	0.003	0.06	<0.1	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
1098445	Soil	25	9	0.39	65	0.004	1	0.60	0.004	0.06	<0.1	0.04	1.5	<0.1	0.06	2	<0.5	<0.2
1098100	Soil	65	21	0.59	55	0.006	<1	1.61	0.007	0.04	<0.1	0.02	1.4	<0.1	0.06	6	<0.5	<0.2
1098099	Soil	30	11	0.27	152	0.003	<1	0.75	0.004	0.06	<0.1	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
1098498	Soil	26	18	0.34	75	0.014	<1	1.21	0.004	0.05	0.2	0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
1098499	Soil	35	15	0.30	58	0.009	<1	0.99	0.004	0.05	0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
1098500	Soil	29	15	0.32	124	0.013	<1	0.92	0.006	0.05	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1098086	Soil	35	19	0.42	99	0.013	<1	1.19	0.004	0.05	0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1098087	Soil	27	17	0.34	103	0.014	<1	1.12	0.004	0.04	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1098088	Soil	24	16	0.32	91	0.013	<1	1.04	0.004	0.05	0.2	0.02	1.2	<0.1	<0.05	3	0.6	<0.2
1098089	Soil	34	17	0.41	104	0.010	<1	1.03	0.005	0.05	0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1098090	Soil	35	16	0.33	95	0.007	<1	1.09	0.004	0.05	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1098091	Soil	31	17	0.36	114	0.007	<1	1.23	0.004	0.05	0.1	0.02	1.4	0.1	<0.05	4	<0.5	<0.2
1098092	Soil	29	17	0.48	93	0.010	<1	1.28	0.004	0.05	0.1	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2
1098481	Soil	62	16	0.57	93	0.006	<1	1.27	0.003	0.05	<0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1098093	Soil	29	18	0.37	123	0.011	<1	1.20	0.005	0.05	0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1098094	Soil	35	16	0.38	148	0.009	<1	1.16	0.004	0.05	0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS DAW11000261.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098480	Soil	0.8	24.8	30.3	72	0.1	20.4	7.3	174	2.16	15.0	1.1	7.7	5.1	18	0.2	7.6	0.2	34	0.17	0.065
1098482	Soil	4.7	93.7	145.3	213	1.8	61.6	34.2	4353	5.94	56.5	1.1	10.6	26.3	7	0.6	42.6	1.0	3	0.02	0.090
1098483	Soil	0.8	26.8	19.0	70	0.2	35.3	11.8	300	3.12	12.4	1.5	3.1	2.1	13	0.2	4.0	0.3	33	0.10	0.075
1098484	Soil	1.0	11.2	12.8	42	<0.1	12.5	5.4	225	2.20	10.3	0.6	1.8	3.2	9	0.2	1.3	0.2	42	0.09	0.033
1098485	Soil	3.2	36.7	15.5	71	0.1	37.6	9.6	565	3.04	18.3	1.2	3.6	5.4	13	0.2	7.9	0.4	25	0.10	0.053
1097371	Soil	1.0	28.6	18.4	70	0.2	27.5	9.9	330	2.78	12.1	1.5	4.5	6.6	16	0.2	5.1	0.3	23	0.09	0.050
1097372	Soil	0.8	20.3	15.5	52	<0.1	17.0	6.2	200	2.49	9.5	1.4	5.4	3.8	10	0.1	2.4	0.3	25	0.06	0.047
1097373	Soil	0.9	14.1	26.6	59	<0.1	13.7	5.3	231	2.18	12.9	0.9	2.9	1.7	13	0.2	3.1	0.3	28	0.10	0.052
1097374	Soil	1.0	31.1	18.7	84	0.2	27.5	9.9	422	3.22	13.2	1.0	2.8	2.1	15	0.3	2.7	0.3	27	0.10	0.064
1097375	Soil	0.9	24.1	26.5	71	<0.1	20.5	9.9	437	3.05	11.9	1.7	4.4	1.7	12	0.2	2.1	0.4	30	0.08	0.071
1097376	Soil	1.0	23.9	17.5	71	<0.1	22.8	10.7	368	2.67	10.7	1.2	1.8	4.5	13	0.2	1.7	0.2	33	0.10	0.053
1097377	Soil	0.8	22.9	17.6	68	0.1	22.2	8.6	358	2.77	11.1	1.4	5.0	1.9	14	0.1	1.9	0.3	37	0.12	0.070
1097378	Soil	1.1	23.6	17.1	71	<0.1	25.8	9.2	387	2.82	15.0	1.2	4.3	1.9	14	0.1	2.3	0.3	39	0.12	0.062
1097379	Soil	0.7	18.8	13.1	55	<0.1	17.0	6.4	313	2.33	10.1	1.0	3.8	1.8	14	0.1	1.3	0.2	33	0.14	0.051
1097380	Soil	0.8	23.2	18.9	65	<0.1	20.4	8.4	353	2.36	9.9	1.1	3.9	4.8	12	0.2	2.5	0.2	32	0.12	0.055
1097381	Soil	0.7	13.3	18.0	44	<0.1	11.1	4.4	186	1.92	12.8	0.9	4.4	1.5	9	<0.1	2.3	0.2	30	0.08	0.046
1097382	Soil	0.7	14.4	12.9	42	<0.1	12.1	4.5	170	1.92	8.6	0.8	3.6	0.7	10	<0.1	1.8	0.2	29	0.08	0.055
1097383	Soil	0.8	22.8	16.5	52	<0.1	16.4	6.8	295	2.32	10.5	0.8	10.7	1.4	10	0.1	2.6	0.2	31	0.10	0.053
1097384	Soil	0.8	39.8	15.6	57	<0.1	23.0	9.0	341	2.83	16.9	0.7	3.4	1.6	8	0.1	3.0	0.2	36	0.08	0.051
1097385	Soil	0.6	47.9	10.3	56	0.1	28.5	12.3	329	2.63	10.2	0.9	3.3	4.4	9	0.1	1.1	0.2	36	0.10	0.053
1097386	Soil	0.6	49.7	8.8	53	<0.1	26.4	10.2	290	2.94	6.6	0.5	8.5	2.4	9	<0.1	0.6	0.1	49	0.11	0.049
1097388	Soil	0.7	58.8	10.4	52	<0.1	26.7	10.5	282	2.95	8.9	0.8	3.8	1.5	9	<0.1	0.7	0.2	54	0.11	0.058
1097387	Soil	0.7	44.4	9.3	54	<0.1	25.5	10.1	290	2.87	9.2	0.6	4.0	2.3	10	<0.1	0.7	0.2	48	0.11	0.049
1097390	Soil	1.1	48.6	12.1	61	<0.1	25.8	10.7	402	3.37	10.2	0.8	3.1	0.9	11	0.1	0.7	0.2	57	0.12	0.075
1097389	Soil	0.6	66.8	10.7	58	<0.1	39.5	15.3	376	3.67	7.9	0.7	7.0	2.8	11	<0.1	1.0	0.2	63	0.12	0.063
1097396	Soil	0.9	22.6	11.2	56	<0.1	20.1	7.3	239	2.41	11.3	0.8	2.5	0.8	10	0.1	1.8	0.2	43	0.10	0.051
1097391	Soil	0.7	35.2	6.7	50	<0.1	22.0	9.2	273	2.86	7.5	0.5	2.9	1.1	8	<0.1	0.7	0.1	54	0.10	0.039
1097392	Soil	1.0	24.9	12.0	52	<0.1	20.4	8.3	368	2.77	8.9	0.7	1.8	1.4	11	0.1	1.5	0.2	37	0.11	0.062
1097393	Soil	0.8	26.1	11.8	63	<0.1	26.8	8.9	335	2.60	10.5	0.8	4.1	1.8	12	0.2	1.6	0.2	37	0.09	0.052
1097394	Soil	0.9	25.6	16.4	76	<0.1	21.3	8.8	296	3.19	24.4	0.9	14.9	1.6	11	0.1	3.6	0.2	64	0.10	0.056

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098480	Soil	19	21	0.40	158	0.037	<1	1.13	0.006	0.05	0.1	0.05	2.6	0.1	<0.05	4	<0.5	<0.2
1098482	Soil	50	5	0.41	12	0.001	<1	0.54	0.002	0.05	<0.1	0.02	2.2	<0.1	0.30	2	1.5	<0.2
1098483	Soil	30	35	0.50	137	0.010	<1	1.26	0.004	0.05	0.1	0.05	2.3	0.1	<0.05	4	<0.5	<0.2
1098484	Soil	12	18	0.26	63	0.032	<1	1.08	0.004	0.04	0.2	0.03	1.5	0.1	<0.05	5	<0.5	<0.2
1098485	Soil	34	18	0.29	131	0.012	<1	1.02	0.004	0.05	0.1	0.05	2.5	0.1	<0.05	3	<0.5	<0.2
1097371	Soil	36	15	0.25	150	0.008	<1	0.88	0.003	0.05	0.1	0.04	2.5	0.1	<0.05	3	0.7	<0.2
1097372	Soil	31	16	0.30	91	0.009	<1	1.07	0.003	0.04	0.1	0.04	1.4	<0.1	<0.05	3	0.6	<0.2
1097373	Soil	18	16	0.30	89	0.017	<1	0.98	0.004	0.05	0.2	0.04	1.4	0.1	<0.05	3	<0.5	<0.2
1097374	Soil	27	18	0.31	139	0.009	<1	1.08	0.005	0.08	0.1	0.04	1.7	0.1	<0.05	3	<0.5	<0.2
1097375	Soil	29	19	0.25	83	0.009	<1	1.25	0.005	0.07	0.2	0.04	1.0	0.1	<0.05	4	<0.5	<0.2
1097376	Soil	26	23	0.37	107	0.020	<1	1.23	0.004	0.05	0.2	0.03	2.0	0.1	<0.05	4	0.8	<0.2
1097377	Soil	25	26	0.40	139	0.019	<1	1.30	0.005	0.05	0.2	0.05	2.3	0.1	<0.05	4	<0.5	<0.2
1097378	Soil	23	25	0.39	128	0.027	<1	1.19	0.006	0.06	0.2	0.04	2.0	0.1	<0.05	4	0.5	<0.2
1097379	Soil	20	23	0.36	266	0.023	<1	1.17	0.005	0.05	0.2	0.04	2.0	0.1	<0.05	4	0.5	<0.2
1097380	Soil	22	19	0.39	100	0.032	<1	1.12	0.005	0.05	0.2	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1097381	Soil	16	18	0.30	96	0.014	<1	1.15	0.003	0.04	0.2	0.04	1.4	0.1	<0.05	3	0.7	<0.2
1097382	Soil	17	17	0.30	78	0.010	<1	1.16	0.004	0.04	0.1	0.05	0.8	0.1	<0.05	4	<0.5	<0.2
1097383	Soil	16	20	0.36	76	0.016	<1	1.21	0.004	0.05	0.2	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1097384	Soil	20	23	0.49	91	0.010	1	1.52	0.004	0.05	0.1	0.05	1.9	0.1	<0.05	4	<0.5	<0.2
1097385	Soil	20	24	0.52	99	0.021	1	1.37	0.004	0.05	0.2	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1097386	Soil	16	33	0.70	79	0.023	<1	1.63	0.004	0.05	0.1	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
1097388	Soil	16	36	0.62	117	0.020	1	1.75	0.004	0.04	0.1	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
1097387	Soil	15	31	0.61	97	0.022	1	1.65	0.005	0.04	0.2	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1097390	Soil	16	38	0.62	113	0.015	<1	1.83	0.005	0.04	0.1	0.05	2.3	0.1	<0.05	6	<0.5	<0.2
1097389	Soil	19	74	0.84	102	0.033	1	1.81	0.004	0.09	0.1	0.04	4.1	0.2	<0.05	5	<0.5	<0.2
1097396	Soil	16	28	0.43	117	0.023	1	1.38	0.005	0.05	0.2	0.04	1.8	0.2	<0.05	4	<0.5	<0.2
1097391	Soil	10	34	0.62	71	0.035	<1	1.48	0.004	0.07	0.2	0.03	1.8	0.1	<0.05	5	<0.5	<0.2
1097392	Soil	13	22	0.33	68	0.015	1	1.15	0.003	0.04	0.2	0.02	1.4	0.1	<0.05	3	<0.5	<0.2
1097393	Soil	18	29	0.41	90	0.021	<1	1.22	0.005	0.05	0.1	0.04	2.0	0.1	<0.05	4	<0.5	<0.2
1097394	Soil	18	77	0.68	150	0.065	1	1.86	0.006	0.12	0.1	0.04	3.8	0.3	<0.05	6	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1097399	Soil	0.8	18.7	10.0	50	<0.1	16.1	5.9	180	2.21	8.3	0.8	3.6	1.3	9	0.1	1.0	0.2	42	0.11	0.053
1097398	Soil	0.8	19.5	10.3	53	<0.1	17.7	6.5	196	2.32	8.6	0.8	3.7	1.3	10	0.1	1.0	0.2	44	0.12	0.056
1097395	Soil	0.9	24.6	15.9	71	<0.1	20.3	8.6	286	3.08	23.5	0.8	3.6	1.5	10	0.1	3.4	0.2	61	0.10	0.053
1097397	Soil	0.8	25.7	10.3	54	<0.1	19.7	8.3	265	2.30	9.5	0.9	3.2	2.4	11	0.1	1.4	0.2	41	0.13	0.055
1098486	Soil	1.3	39.4	22.9	67	0.4	23.9	9.2	161	3.82	24.9	1.7	7.3	19.8	20	<0.1	1.4	0.5	12	0.03	0.045
1098487	Soil	1.0	18.9	14.1	53	0.2	18.0	7.8	255	2.60	14.4	0.8	0.8	4.1	17	0.3	0.6	0.3	30	0.14	0.045
1098488	Soil	1.1	15.9	13.3	46	0.4	17.5	6.6	168	2.26	15.4	0.8	1.2	4.7	13	0.1	0.6	0.2	29	0.12	0.039
1098489	Soil	0.9	30.7	17.7	61	0.1	32.4	12.8	219	3.36	45.6	1.4	2.3	14.3	13	<0.1	0.8	0.4	25	0.07	0.035
1098490	Soil	1.0	23.1	14.3	53	0.1	23.0	9.1	199	2.69	26.9	1.1	3.3	10.9	10	<0.1	0.8	0.2	29	0.07	0.022
1098491	Soil	1.3	26.5	16.2	51	0.3	18.0	7.4	169	3.08	17.5	0.9	2.0	11.1	10	0.1	0.7	0.3	29	0.05	0.032
1098492	Soil	0.9	33.6	21.7	78	0.2	34.5	17.7	511	3.49	19.1	2.6	2.4	7.4	21	0.2	1.5	0.3	20	0.26	0.051
1098493	Soil	0.9	23.7	22.1	85	<0.1	27.3	15.2	423	3.34	18.2	2.2	1.0	9.4	13	0.4	1.5	0.3	16	0.17	0.049
1098494	Soil	1.1	33.7	22.2	74	<0.1	34.4	13.9	343	3.82	40.8	1.4	1.1	12.2	7	0.2	1.3	0.3	12	0.04	0.034
1098495	Soil	1.2	40.4	26.6	70	0.3	26.9	11.6	194	4.00	106.9	1.6	9.6	16.2	9	<0.1	1.4	0.4	14	0.03	0.038
1098496	Soil	1.0	26.4	18.0	64	0.1	34.3	14.1	298	3.13	18.1	1.5	1.2	14.6	9	0.1	1.0	0.3	14	0.09	0.031
1098497	Soil	1.3	50.3	51.4	92	0.2	30.8	23.3	910	3.76	32.9	1.6	1.4	15.3	17	0.3	1.2	0.6	17	0.10	0.067
1096450	Soil	0.7	20.5	16.9	54	<0.1	18.0	7.3	198	2.15	7.5	1.2	2.1	3.1	9	0.1	2.2	0.2	30	0.08	0.044
1096449	Soil	0.7	22.0	15.1	60	<0.1	18.6	8.8	230	2.21	7.5	1.4	20.3	4.2	9	0.1	1.8	0.2	32	0.09	0.047
1096452	Soil	0.8	18.1	11.5	52	<0.1	19.2	7.3	182	2.14	6.2	1.0	<0.5	3.3	9	0.1	0.9	0.2	32	0.08	0.041
1096451	Soil	0.8	22.8	13.6	57	<0.1	21.0	8.1	220	2.33	6.3	1.3	<0.5	3.2	9	0.2	1.1	0.2	34	0.08	0.047

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1097399	Soil	17	25	0.41	101	0.024	<1	1.33	0.005	0.04	0.2	0.05	1.8	0.1	<0.05	4	<0.5	<0.2
1097398	Soil	18	28	0.43	109	0.028	<1	1.36	0.006	0.04	0.2	0.05	2.0	0.1	<0.05	4	<0.5	<0.2
1097395	Soil	17	74	0.66	135	0.061	<1	1.81	0.005	0.11	0.1	0.03	3.5	0.3	<0.05	5	<0.5	<0.2
1097397	Soil	20	26	0.42	146	0.034	<1	1.28	0.005	0.05	0.2	0.05	2.4	0.1	<0.05	4	<0.5	<0.2
1098486	Soil	60	16	0.66	57	0.002	<1	1.33	0.004	0.05	<0.1	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
1098487	Soil	29	17	0.38	231	0.013	<1	1.06	0.006	0.06	0.1	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1098488	Soil	36	15	0.25	158	0.011	<1	0.94	0.005	0.06	<0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
1098489	Soil	44	20	0.57	114	0.012	<1	1.41	0.004	0.04	<0.1	0.01	1.4	<0.1	<0.05	4	<0.5	<0.2
1098490	Soil	33	21	0.41	97	0.017	<1	1.22	0.005	0.04	0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1098491	Soil	37	19	0.46	82	0.011	<1	1.27	0.004	0.05	<0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
1098492	Soil	36	19	0.45	100	0.007	<1	1.17	0.005	0.04	<0.1	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1098493	Soil	33	18	0.44	46	0.006	<1	1.03	0.004	0.03	<0.1	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1098494	Soil	58	15	0.37	32	0.002	<1	0.87	0.004	0.04	<0.1	<0.01	0.8	<0.1	<0.05	3	<0.5	<0.2
1098495	Soil	51	18	0.46	38	0.002	<1	1.09	0.003	0.03	<0.1	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
1098496	Soil	48	12	0.23	54	0.003	<1	0.70	0.004	0.04	<0.1	0.02	1.0	<0.1	<0.05	2	<0.5	<0.2
1098497	Soil	43	23	0.45	126	0.005	<1	1.10	0.008	0.05	<0.1	0.04	1.1	<0.1	<0.05	4	<0.5	<0.2
1096450	Soil	25	21	0.43	107	0.015	<1	1.22	0.004	0.03	<0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1096449	Soil	26	22	0.43	106	0.019	<1	1.28	0.004	0.03	0.1	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1096452	Soil	23	22	0.46	83	0.020	2	1.33	0.004	0.03	0.1	0.04	1.9	<0.1	<0.05	4	<0.5	<0.2
1096451	Soil	26	25	0.51	98	0.019	1	1.37	0.004	0.03	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2

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Project: MHR
Report Date: September 28, 2011

QUALITY CONTROL REPORT DAW11000261.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1110731	Soil	0.8	29.5	14.1	66	<0.1	28.1	12.5	369	2.61	9.0	1.3	2.8	7.7	13	0.1	2.1	0.2	31	0.11	0.034
REP 1110731	QC	0.8	28.5	13.5	64	<0.1	27.5	12.1	370	2.63	8.3	1.2	1.6	7.7	13	0.2	2.2	0.2	31	0.11	0.034
1099103	Soil	2.6	68.4	47.1	103	0.6	43.2	23.4	1214	3.27	48.6	0.9	9.2	17.2	53	1.2	4.2	0.4	13	3.17	0.078
REP 1099103	QC	2.4	70.1	46.0	104	0.5	43.8	24.0	1251	3.37	51.0	0.9	6.5	17.2	54	1.1	4.3	0.4	13	3.07	0.078
1097307	Soil	0.3	24.8	67.1	130	4.6	25.0	9.2	302	2.41	34.4	0.9	27.5	14.4	11	1.2	0.8	0.3	8	0.27	0.047
REP 1097307	QC	0.3	27.1	69.6	144	4.8	25.6	9.4	308	2.59	35.0	0.9	27.8	14.8	11	1.1	0.8	0.3	9	0.30	0.047
1097325	Soil	0.7	24.1	23.1	48	0.2	24.3	10.3	245	2.67	46.2	0.9	2.7	11.6	7	0.1	0.6	0.3	20	0.10	0.034
REP 1097325	QC	0.6	23.8	23.4	49	0.2	24.1	10.2	245	2.66	46.7	0.8	1.6	11.3	8	0.1	0.6	0.3	21	0.10	0.035
1097345	Soil	1.3	43.8	24.4	93	0.1	40.5	24.5	462	3.87	49.7	2.4	3.1	16.6	7	0.2	0.9	0.4	17	0.02	0.035
REP 1097345	QC	1.2	44.7	23.8	93	0.1	42.2	24.2	486	3.92	49.7	2.4	3.5	16.7	7	<0.1	1.0	0.4	18	0.02	0.034
1099013	Soil	1.0	10.1	10.8	33	<0.1	9.6	4.1	207	1.87	12.4	0.5	1.5	2.4	5	<0.1	0.5	0.2	33	0.04	0.033
REP 1099013	QC	1.1	10.5	11.3	33	<0.1	9.8	4.2	210	1.85	12.7	0.6	26.2	2.4	5	<0.1	0.5	0.2	31	0.04	0.032
1099001	Soil	0.8	18.3	10.1	52	0.1	18.3	6.6	216	2.20	14.3	0.9	4.6	1.6	13	0.2	0.7	0.2	33	0.15	0.060
REP 1099001	QC	0.8	17.6	9.7	51	0.1	17.4	6.1	206	2.05	13.5	0.8	12.3	1.6	12	0.2	0.6	0.2	31	0.14	0.054
1096330	Soil	0.7	20.4	12.5	45	<0.1	15.8	5.8	130	2.05	11.5	1.0	2.8	1.2	8	<0.1	1.2	0.2	28	0.08	0.041
REP 1096330	QC	0.7	20.7	13.2	47	<0.1	16.9	5.9	134	2.06	11.5	1.1	3.5	1.0	8	0.1	1.2	0.2	30	0.07	0.040
1097264	Soil	1.0	18.2	14.0	59	<0.1	17.2	8.0	334	2.51	10.8	0.8	0.6	2.1	9	0.2	0.8	0.2	37	0.08	0.047
REP 1097264	QC	1.1	17.9	13.9	56	<0.1	16.6	7.9	327	2.45	10.7	0.9	<0.5	2.3	9	0.2	0.9	0.2	37	0.08	0.047
1079933	Soil	0.6	20.6	10.6	48	<0.1	16.0	7.3	214	1.97	8.6	1.3	0.8	3.1	9	<0.1	0.7	0.2	29	0.10	0.048
REP 1079933	QC	0.7	19.7	10.8	47	<0.1	15.2	7.3	210	1.95	8.4	1.3	2.7	3.0	9	<0.1	0.7	0.2	29	0.10	0.046
1079946	Soil	0.9	30.5	16.2	58	<0.1	23.3	7.7	201	2.93	24.7	1.2	13.2	4.8	7	0.1	3.5	0.2	34	0.06	0.037
REP 1079946	QC	0.8	31.5	17.9	58	<0.1	26.0	7.9	194	2.97	24.4	1.1	2.0	4.7	7	0.1	3.4	0.3	30	0.06	0.043
1097369	Soil	0.9	27.2	11.8	62	<0.1	18.9	8.0	236	2.37	8.5	1.4	3.2	6.0	11	0.1	1.0	0.3	32	0.12	0.057
REP 1097369	QC	0.8	29.1	12.1	61	<0.1	21.2	8.5	232	2.60	8.4	1.2	2.4	5.4	12	0.1	1.0	0.3	31	0.12	0.058
1098071	Soil	0.9	31.2	21.6	85	0.1	25.2	11.2	316	2.90	17.6	1.5	1.7	10.2	9	0.2	3.6	0.2	20	0.06	0.035
REP 1098071	QC	1.0	30.6	21.6	84	0.1	25.0	11.0	313	2.87	17.1	1.5	12.8	9.8	9	0.2	3.5	0.2	21	0.06	0.035
1098031	Soil	0.8	22.4	21.1	62	0.3	24.1	11.7	433	2.50	39.9	1.0	7.8	9.8	15	0.2	1.1	0.2	23	0.21	0.034
REP 1098031	QC	0.7	21.1	19.8	62	0.3	23.5	11.5	422	2.43	38.9	0.9	13.6	9.6	14	0.2	1.2	0.2	23	0.19	0.035

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Project: MHR
Report Date: September 28, 2011

QUALITY CONTROL REPORT DAW11000261.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1110731	Soil	29	21	0.40	194	0.027	<1	1.19	0.003	0.03	0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
REP 1110731	QC	28	21	0.39	181	0.026	<1	1.16	0.004	0.03	0.1	0.03	2.5	<0.1	<0.05	3	<0.5	<0.2
1099103	Soil	36	12	1.01	49	0.005	<1	0.89	0.001	0.05	<0.1	<0.01	2.2	<0.1	<0.05	2	<0.5	<0.2
REP 1099103	QC	35	12	1.02	50	0.005	<1	0.88	0.001	0.05	<0.1	<0.01	2.1	<0.1	0.05	2	<0.5	<0.2
1097307	Soil	29	12	0.30	56	0.003	<1	0.78	0.003	0.05	<0.1	<0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
REP 1097307	QC	28	12	0.30	54	0.003	<1	0.82	0.002	0.06	<0.1	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
1097325	Soil	26	15	0.24	66	0.006	<1	0.94	0.002	0.04	0.1	0.01	0.9	<0.1	0.09	3	<0.5	<0.2
REP 1097325	QC	26	14	0.26	70	0.006	<1	1.01	0.003	0.04	<0.1	0.02	1.0	0.1	<0.05	3	<0.5	<0.2
1097345	Soil	37	17	0.35	73	0.007	5	0.99	0.006	0.05	<0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
REP 1097345	QC	39	17	0.35	71	0.009	1	1.01	0.003	0.04	<0.1	0.02	1.5	<0.1	<0.05	3	0.5	<0.2
1099013	Soil	23	12	0.10	40	0.021	1	0.67	0.004	0.03	0.1	0.02	0.8	<0.1	<0.05	4	<0.5	<0.2
REP 1099013	QC	22	12	0.09	40	0.018	<1	0.61	0.003	0.03	0.1	0.02	0.7	<0.1	<0.05	4	<0.5	<0.2
1099001	Soil	16	19	0.30	182	0.020	1	0.96	0.005	0.03	0.4	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
REP 1099001	QC	15	18	0.28	174	0.019	1	0.89	0.004	0.03	0.3	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
1096330	Soil	15	17	0.32	116	0.011	<1	1.08	0.003	0.03	0.1	0.04	1.1	<0.1	<0.05	3	<0.5	<0.2
REP 1096330	QC	16	18	0.32	122	0.012	<1	1.08	0.004	0.03	0.2	0.04	1.1	<0.1	<0.05	3	<0.5	<0.2
1097264	Soil	18	21	0.33	89	0.020	<1	1.22	0.005	0.04	0.2	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
REP 1097264	QC	18	21	0.34	92	0.020	<1	1.25	0.005	0.04	0.2	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1079933	Soil	18	19	0.35	96	0.026	<1	1.18	0.004	0.04	0.1	0.05	2.5	<0.1	<0.05	3	<0.5	<0.2
REP 1079933	QC	18	18	0.35	94	0.025	<1	1.19	0.005	0.04	0.2	0.04	2.7	<0.1	<0.05	3	<0.5	<0.2
1079946	Soil	26	25	0.35	148	0.026	<1	1.29	0.003	0.05	0.2	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
REP 1079946	QC	25	23	0.38	156	0.024	1	1.40	0.004	0.05	0.2	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1097369	Soil	26	21	0.40	167	0.027	<1	1.33	0.005	0.04	0.2	0.03	2.4	<0.1	<0.05	4	<0.5	<0.2
REP 1097369	QC	29	20	0.41	179	0.026	1	1.43	0.005	0.05	0.3	0.03	2.4	<0.1	<0.05	4	<0.5	<0.2
1098071	Soil	36	13	0.22	113	0.018	1	0.77	0.004	0.05	0.1	0.03	2.1	0.1	<0.05	2	<0.5	<0.2
REP 1098071	QC	36	13	0.22	109	0.015	<1	0.77	0.004	0.05	0.2	0.01	2.0	0.1	<0.05	2	<0.5	<0.2
1098031	Soil	32	17	0.34	124	0.011	<1	1.09	0.005	0.07	0.1	0.02	1.7	0.2	<0.05	3	<0.5	<0.2
REP 1098031	QC	32	17	0.33	123	0.010	<1	1.06	0.005	0.07	0.2	0.02	1.6	0.2	<0.05	3	<0.5	<0.2

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Project: MHR
Report Date: September 28, 2011

QUALITY CONTROL REPORT DAW11000261.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1098090	Soil	1.1	28.1	20.2	61	0.3	27.1	9.8	212	3.21	32.8	1.7	2.5	9.7	11	0.1	1.6	0.4	20	0.05	0.048
REP 1098090	QC	1.1	28.0	20.1	62	0.3	27.6	10.1	215	3.24	34.2	1.7	6.3	10.1	11	0.1	1.7	0.4	20	0.05	0.049
1097382	Soil	0.7	14.4	12.9	42	<0.1	12.1	4.5	170	1.92	8.6	0.8	3.6	0.7	10	<0.1	1.8	0.2	29	0.08	0.055
REP 1097382	QC	0.7	14.8	13.0	43	<0.1	12.1	4.5	168	1.91	8.5	0.8	3.3	0.6	10	0.1	2.0	0.2	29	0.09	0.057
1097393	Soil	0.8	26.1	11.8	63	<0.1	26.8	8.9	335	2.60	10.5	0.8	4.1	1.8	12	0.2	1.6	0.2	37	0.09	0.052
REP 1097393	QC	0.8	24.9	11.0	61	<0.1	25.5	8.4	317	2.45	9.8	0.7	10.3	1.9	11	0.2	1.6	0.2	35	0.09	0.051
1098486	Soil	1.3	39.4	22.9	67	0.4	23.9	9.2	161	3.82	24.9	1.7	7.3	19.8	20	<0.1	1.4	0.5	12	0.03	0.045
REP 1098486	QC	1.3	39.0	23.2	68	0.4	24.1	9.1	160	3.89	24.9	1.7	4.0	19.5	20	<0.1	1.4	0.6	12	0.03	0.045
1096452	Soil	0.8	18.1	11.5	52	<0.1	19.2	7.3	182	2.14	6.2	1.0	<0.5	3.3	9	0.1	0.9	0.2	32	0.08	0.041
REP 1096452	QC	0.6	17.8	11.6	52	<0.1	19.0	6.9	182	2.08	6.3	1.0	0.8	3.4	9	0.1	0.8	0.2	32	0.08	0.040
Reference Materials																					
STD DS8	Standard	14.0	117.9	126.1	320	1.9	40.2	7.8	616	2.48	24.9	2.8	115.7	6.6	66	2.2	5.6	6.9	43	0.68	0.076
STD DS8	Standard	11.7	107.9	117.9	308	1.8	38.6	7.9	585	2.36	25.0	2.3	108.0	5.5	59	2.3	5.1	6.0	42	0.66	0.078
STD DS8	Standard	13.3	112.3	126.6	317	1.8	40.0	7.5	637	2.50	24.5	2.8	124.8	7.3	78	2.7	5.6	6.8	44	0.78	0.078
STD DS8	Standard	12.7	106.2	118.7	309	1.8	37.2	7.0	598	2.39	24.6	2.5	132.1	6.5	69	2.4	5.6	6.6	39	0.68	0.079
STD DS8	Standard	12.0	100.0	120.0	300	1.7	35.9	6.6	571	2.29	24.2	2.8	112.8	6.7	65	2.1	5.5	6.7	37	0.64	0.074
STD DS8	Standard	12.2	111.7	129.0	332	2.0	39.0	7.7	583	2.40	25.4	2.5	129.6	5.6	51	2.5	5.4	6.7	44	0.64	0.083
STD DS8	Standard	13.3	108.8	119.4	317	1.8	37.7	7.1	576	2.31	23.5	2.4	106.4	5.5	63	2.2	4.9	6.7	41	0.71	0.099
STD DS8	Standard	13.3	108.7	121.4	312	1.9	37.8	7.6	621	2.49	25.8	2.8	109.0	6.9	70	2.2	5.7	6.6	42	0.69	0.079
STD DS8	Standard	12.4	102.4	122.2	301	1.8	37.3	7.4	604	2.44	24.1	2.5	114.5	5.7	60	2.2	5.4	6.2	40	0.66	0.080
STD DS8	Standard	12.2	98.3	129.9	300	1.8	33.9	6.6	581	2.33	25.3	3.1	105.0	7.3	70	2.2	6.5	7.6	37	0.65	0.075
STD DS8	Standard	13.8	113.3	128.6	332	1.9	40.7	7.5	663	2.59	26.4	2.7	112.2	6.5	70	2.3	5.6	6.5	46	0.74	0.090
STD DS8	Standard	13.2	111.5	124.1	325	1.7	39.2	7.7	607	2.47	25.3	2.8	116.0	6.7	72	2.4	5.5	6.8	41	0.74	0.083
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 28, 2011

QUALITY CONTROL REPORT DAW11000261.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1098090	Soil	35	16	0.33	95	0.007	<1	1.09	0.004	0.05	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
REP 1098090	QC	35	16	0.34	96	0.007	<1	1.07	0.004	0.05	<0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1097382	Soil	17	17	0.30	78	0.010	<1	1.16	0.004	0.04	0.1	0.05	0.8	0.1	<0.05	4	<0.5	<0.2
REP 1097382	QC	17	17	0.30	81	0.010	<1	1.17	0.004	0.05	0.1	0.04	0.8	0.1	<0.05	4	<0.5	<0.2
1097393	Soil	18	29	0.41	90	0.021	<1	1.22	0.005	0.05	0.1	0.04	2.0	0.1	<0.05	4	<0.5	<0.2
REP 1097393	QC	18	27	0.39	88	0.021	<1	1.17	0.005	0.05	0.1	0.03	1.9	0.1	<0.05	4	<0.5	<0.2
1098486	Soil	60	16	0.66	57	0.002	<1	1.33	0.004	0.05	<0.1	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
REP 1098486	QC	64	17	0.68	58	0.002	<1	1.40	0.004	0.05	<0.1	0.01	1.0	<0.1	<0.05	4	<0.5	<0.2
1096452	Soil	23	22	0.46	83	0.020	2	1.33	0.004	0.03	0.1	0.04	1.9	<0.1	<0.05	4	<0.5	<0.2
REP 1096452	QC	23	22	0.46	81	0.022	1	1.31	0.004	0.03	0.1	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	121	0.62	276	0.118	3	0.89	0.087	0.41	3.1	0.20	2.1	5.3	0.17	5	5.7	5.1
STD DS8	Standard	11	115	0.60	242	0.100	3	0.85	0.075	0.40	3.0	0.20	1.9	5.1	0.15	4	5.0	4.5
STD DS8	Standard	18	120	0.62	293	0.130	3	1.02	0.108	0.47	2.9	0.22	2.5	5.5	0.15	5	5.3	4.8
STD DS8	Standard	14	110	0.59	287	0.110	2	0.94	0.093	0.46	3.1	0.20	2.5	5.3	0.11	5	4.3	5.1
STD DS8	Standard	14	107	0.58	270	0.107	3	0.87	0.090	0.41	2.9	0.21	2.1	5.2	0.16	4	5.3	4.5
STD DS8	Standard	11	115	0.58	263	0.100	2	0.84	0.074	0.42	3.0	0.21	1.7	5.6	0.19	5	4.8	5.0
STD DS8	Standard	14	110	0.64	294	0.105	2	0.96	0.105	0.47	3.4	0.21	2.1	5.8	0.16	5	5.1	4.6
STD DS8	Standard	16	116	0.61	280	0.121	3	0.94	0.105	0.43	3.1	0.19	3.3	5.3	0.14	5	5.1	5.0
STD DS8	Standard	13	113	0.59	269	0.105	4	0.90	0.103	0.42	2.8	0.19	2.1	5.4	0.14	4	5.0	4.8
STD DS8	Standard	15	106	0.59	270	0.109	1	0.85	0.076	0.40	2.9	0.18	2.1	5.3	0.11	5	5.8	4.6
STD DS8	Standard	16	126	0.65	272	0.116	3	0.94	0.097	0.44	2.9	0.22	2.1	5.7	0.16	5	5.5	5.1
STD DS8	Standard	15	115	0.62	283	0.113	2	1.00	0.112	0.46	3.0	0.19	2.6	5.3	0.14	5	6.4	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 28, 2011

QUALITY CONTROL REPORT DAW11000261.1

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

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 28, 2011

QUALITY CONTROL REPORT DAW11000261.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: September 05, 2011
Report Date: September 27, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS DAW11000262.1

CLIENT JOB INFORMATION

Project: MAH
Shipment ID: MAH2011-06
P.O. Number
Number of Samples: 145

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	145	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	145	Dry at 60C			WHI
1DX2	145	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: September 27, 2011

CERTIFICATE OF ANALYSIS DAW11000262.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1144548	Soil	0.4	17.2	8.5	53	0.1	17.7	7.6	276	2.05	5.6	0.5	1.2	4.8	277	0.2	0.6	0.1	45	9.48	0.073
1144547	Soil	1.7	59.8	16.7	94	0.3	34.8	16.1	414	3.06	18.3	1.6	5.7	7.5	140	0.7	2.6	0.5	70	1.17	0.089
1144545	Soil	0.9	26.2	9.5	54	<0.1	18.9	6.9	194	1.96	20.4	0.9	0.9	3.7	29	0.2	1.3	0.4	44	0.24	0.070
1144546	Soil	1.1	28.7	13.4	56	0.2	19.7	9.6	265	2.33	44.9	1.9	2.3	5.5	67	0.2	1.5	0.5	66	0.41	0.078
1144550	Soil	0.6	22.4	13.0	79	0.2	23.2	8.8	353	2.38	59.4	1.2	2.9	3.3	64	0.3	1.1	0.4	50	0.78	0.056
1144549	Soil	0.5	20.1	10.9	75	0.2	22.6	8.5	400	2.36	9.0	0.7	0.5	3.6	119	0.3	0.6	0.2	46	1.01	0.061
1046499	Soil	0.6	33.0	10.5	64	0.2	20.7	9.4	330	2.14	73.8	0.9	15.3	2.2	85	0.3	1.6	0.6	35	1.35	0.066
1046498	Soil	0.4	31.1	8.7	55	0.2	17.5	7.9	382	1.69	61.1	0.9	5.9	1.7	82	0.3	1.6	0.5	31	1.66	0.068
1046491	Soil	1.5	17.0	7.8	66	0.2	17.7	7.1	347	1.83	18.8	4.7	14.4	3.9	33	0.3	1.1	0.4	37	0.68	0.074
1046492	Soil	0.8	17.1	7.7	57	0.1	15.1	6.2	438	1.56	16.1	4.0	4.4	2.7	47	0.6	0.8	0.3	31	1.12	0.074
1046496	Soil	0.5	16.5	7.9	52	<0.1	17.2	7.3	318	1.92	16.0	0.9	2.3	2.6	22	0.2	0.8	0.3	32	0.43	0.059
1046497	Soil	0.5	20.1	9.7	47	0.1	19.3	8.6	248	2.05	19.2	0.9	4.7	2.9	36	0.2	1.3	0.2	35	0.56	0.058
1046494	Soil	0.5	15.9	7.5	55	<0.1	15.7	6.5	303	1.69	16.1	1.1	19.0	4.2	25	0.3	0.9	0.3	32	0.43	0.069
1046495	Soil	0.4	16.9	7.0	46	<0.1	16.4	6.6	279	1.65	14.8	1.1	15.3	3.1	29	0.3	1.0	0.2	30	0.51	0.064
1046493	Soil	1.0	20.1	8.2	61	0.2	18.5	7.4	350	1.86	18.2	2.4	25.3	5.8	31	0.5	1.1	0.3	39	0.54	0.080
1151696	Soil	0.4	20.3	9.5	42	0.1	17.6	7.8	354	1.59	15.6	0.9	15.7	1.4	59	0.4	0.9	0.2	30	1.66	0.057
1151694	Soil	0.5	9.6	9.5	40	<0.1	13.3	6.3	320	1.47	13.0	0.5	2.5	1.4	40	0.3	0.5	0.2	26	0.82	0.049
1151697	Soil	0.6	22.5	10.3	54	0.2	20.2	7.6	249	1.83	16.1	0.8	5.3	3.6	60	0.3	0.8	0.2	43	1.07	0.054
1151698	Soil	0.6	25.5	10.1	58	0.2	20.8	7.8	302	2.02	12.3	1.2	2.8	3.3	39	0.2	0.8	0.2	58	0.70	0.056
1151695	Soil	0.5	14.2	10.4	46	0.1	16.5	7.5	398	1.58	16.9	0.5	11.4	1.0	77	0.5	0.7	0.4	28	2.30	0.078
1151700	Soil	0.5	21.7	7.3	48	0.1	17.2	7.7	263	1.88	11.1	0.9	7.7	2.5	36	0.3	1.0	0.2	33	0.76	0.058
1151699	Soil	0.4	18.8	10.3	60	0.2	19.0	7.6	341	1.76	11.0	0.8	2.8	3.4	54	0.5	1.1	0.2	38	0.83	0.065
1144749	Soil	0.4	12.1	8.7	41	<0.1	16.4	7.1	337	1.66	10.0	0.5	5.1	2.6	44	0.3	0.6	0.2	26	0.59	0.049
1144748	Soil	0.5	20.4	10.6	58	0.1	19.9	9.5	395	2.11	13.5	0.9	3.2	2.6	38	0.3	1.0	0.2	38	0.67	0.061
1144750	Soil	0.4	20.1	8.2	28	0.2	10.1	5.0	179	1.39	49.9	1.1	3.1	1.0	62	0.3	0.6	0.7	25	1.77	0.074
1046488	Soil	0.5	32.7	12.3	52	0.3	21.8	10.0	343	2.54	43.5	1.9	1.4	3.3	92	0.3	0.9	0.5	34	1.94	0.060
1046489	Soil	0.6	42.6	11.0	41	0.2	17.6	9.8	271	1.46	23.4	0.6	4.6	1.6	85	0.4	1.3	0.4	24	3.23	0.037
1110838	Soil	0.6	20.8	10.2	61	<0.1	22.8	8.7	535	2.08	14.9	0.7	7.0	2.8	37	0.3	1.4	0.3	42	0.46	0.047
1110840	Soil	0.9	13.1	11.2	40	0.1	13.8	5.2	163	2.04	9.4	0.6	3.6	1.2	14	0.2	1.4	0.3	37	0.14	0.052
1046500	Soil	0.5	28.3	8.1	48	0.1	18.8	7.6	275	1.74	39.2	0.8	22.7	2.5	91	0.3	1.3	0.5	30	1.22	0.070

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: September 27, 2011

CERTIFICATE OF ANALYSIS DAW11000262.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1144548	Soil	7	37	1.33	549	0.088	2	2.86	0.192	0.28	0.1	0.02	4.2	0.2	<0.05	9	<0.5	<0.2
1144547	Soil	11	42	2.03	532	0.094	2	3.98	0.169	0.45	0.2	0.03	5.7	0.4	<0.05	11	<0.5	<0.2
1144545	Soil	11	27	0.55	206	0.046	<1	1.32	0.008	0.08	0.2	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1144546	Soil	14	50	0.86	285	0.101	<1	1.82	0.012	0.20	0.4	0.02	3.4	0.4	<0.05	6	<0.5	<0.2
1144550	Soil	13	36	1.05	334	0.055	2	2.22	0.046	0.07	0.3	0.03	3.4	0.1	<0.05	7	<0.5	<0.2
1144549	Soil	12	39	1.32	372	0.068	1	2.92	0.110	0.06	0.1	0.03	3.8	0.1	<0.05	8	<0.5	<0.2
1046499	Soil	11	23	0.56	194	0.030	3	1.58	0.050	0.06	0.3	0.04	2.1	0.1	0.06	5	<0.5	<0.2
1046498	Soil	10	28	0.47	209	0.029	3	1.26	0.040	0.05	0.4	0.05	2.0	0.1	0.10	4	0.6	<0.2
1046491	Soil	23	25	0.43	279	0.039	1	1.28	0.011	0.06	0.5	0.05	2.3	0.2	<0.05	4	<0.5	<0.2
1046492	Soil	21	20	0.32	343	0.033	3	0.96	0.011	0.06	0.5	0.07	1.6	0.2	<0.05	3	<0.5	<0.2
1046496	Soil	13	19	0.37	147	0.023	1	1.18	0.009	0.04	0.6	0.03	1.9	0.1	<0.05	4	<0.5	<0.2
1046497	Soil	12	22	0.43	215	0.025	1	1.38	0.021	0.04	0.3	0.03	2.4	0.1	<0.05	4	<0.5	<0.2
1046494	Soil	15	19	0.36	189	0.038	<1	1.01	0.009	0.06	0.5	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
1046495	Soil	13	19	0.35	179	0.031	<1	0.98	0.014	0.04	0.6	0.03	1.8	0.1	<0.05	3	<0.5	<0.2
1046493	Soil	21	24	0.41	270	0.052	2	1.10	0.015	0.09	0.9	0.04	2.5	0.2	<0.05	4	<0.5	<0.2
1151696	Soil	9	21	0.44	246	0.026	1	1.50	0.064	0.05	0.2	0.05	1.5	0.1	0.07	4	<0.5	<0.2
1151694	Soil	9	16	0.26	161	0.014	<1	1.50	0.041	0.03	0.1	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1151697	Soil	12	25	0.56	197	0.043	1	1.73	0.090	0.07	0.3	0.05	2.3	0.1	<0.05	5	<0.5	<0.2
1151698	Soil	12	32	0.68	249	0.048	<1	2.03	0.062	0.06	0.2	0.04	2.7	0.2	<0.05	6	<0.5	<0.2
1151695	Soil	11	20	0.36	280	0.022	3	1.49	0.061	0.05	0.2	0.04	1.3	0.1	0.10	4	0.7	<0.2
1151700	Soil	12	25	0.61	200	0.041	1	1.57	0.029	0.06	0.5	0.05	2.2	0.1	<0.05	5	<0.5	<0.2
1151699	Soil	13	26	0.49	231	0.039	1	1.83	0.078	0.06	0.3	0.04	2.2	0.1	<0.05	5	<0.5	<0.2
1144749	Soil	12	18	0.35	164	0.018	<1	1.45	0.046	0.03	0.2	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1144748	Soil	11	28	0.65	231	0.038	1	1.84	0.032	0.05	0.2	0.04	2.5	0.2	<0.05	6	<0.5	<0.2
1144750	Soil	11	16	0.22	220	0.025	4	1.07	0.016	0.04	0.9	0.06	1.9	0.1	0.08	4	1.2	<0.2
1046488	Soil	14	29	1.22	235	0.058	5	2.39	0.066	0.08	0.6	0.06	3.0	0.2	<0.05	7	1.2	<0.2
1046489	Soil	7	19	0.78	127	0.044	5	1.65	0.044	0.08	0.2	0.04	1.5	0.2	0.06	5	0.6	<0.2
1110838	Soil	12	26	0.58	166	0.043	<1	2.01	0.022	0.06	0.2	0.03	2.5	0.2	<0.05	6	<0.5	<0.2
1110840	Soil	11	21	0.30	113	0.023	<1	1.31	0.005	0.06	0.2	0.03	1.4	0.1	<0.05	5	<0.5	<0.2
1046500	Soil	12	19	0.43	165	0.030	2	1.41	0.059	0.06	0.4	0.04	1.8	<0.1	<0.05	4	<0.5	<0.2

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Project: MAH
Report Date: September 27, 2011

CERTIFICATE OF ANALYSIS DAW11000262.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1110837	Soil		0.5	16.8	7.8	48	<0.1	19.9	8.6	249	1.96	11.6	0.6	3.2	2.6	43	0.2	1.2	0.2	30	0.61	0.044
1110839	Soil		1.0	15.2	9.7	42	0.2	14.4	5.3	200	1.79	8.0	0.8	4.7	0.4	22	0.2	1.3	0.3	33	0.26	0.066
1096497	Soil		0.5	20.1	8.8	46	0.1	17.9	7.4	264	1.92	16.7	0.6	8.1	2.0	66	0.3	2.5	0.3	30	1.57	0.077
1096498	Soil		0.7	18.2	10.4	57	0.1	20.7	8.5	322	2.12	15.4	0.7	2.7	2.3	38	0.2	2.4	0.3	35	0.75	0.063
1096496	Soil		0.6	24.2	9.9	54	0.1	21.4	8.9	419	1.90	63.2	0.4	11.9	3.4	98	0.4	1.8	0.4	31	1.29	0.071
1096499	Soil		0.4	16.9	10.0	51	0.2	19.7	7.3	298	1.89	12.0	0.5	4.4	2.3	87	0.3	1.1	0.3	31	0.76	0.067
1096485	Soil		0.8	15.3	8.2	54	0.1	14.7	5.7	201	1.58	11.4	3.9	32.2	6.1	17	0.2	0.9	0.3	29	0.22	0.067
1096486	Soil		1.5	18.2	12.4	86	0.2	20.4	10.5	599	2.49	30.9	5.2	7.1	8.3	39	0.5	1.6	0.8	48	0.44	0.088
1096488	Soil		0.7	14.9	7.5	56	<0.1	15.3	6.4	283	1.92	17.2	2.0	7.2	7.1	19	0.2	1.0	0.3	35	0.23	0.072
1096487	Soil		1.1	19.3	9.7	65	0.2	18.2	7.6	348	2.11	21.7	3.7	4.9	8.5	27	0.3	1.2	0.4	39	0.31	0.080
1096490	Soil		1.0	16.4	9.5	54	0.1	14.9	6.9	238	1.96	23.4	3.1	14.3	3.7	20	0.2	1.1	0.5	37	0.21	0.062
1096489	Soil		1.1	14.9	9.8	60	0.1	16.1	7.6	408	2.08	23.6	2.6	15.8	4.2	19	0.2	1.1	0.5	38	0.21	0.058
1096492	Soil		0.8	22.9	9.6	58	0.2	16.9	6.9	282	2.16	44.2	3.2	11.2	9.8	22	0.2	1.5	0.6	41	0.26	0.070
1096491	Soil		1.1	22.2	11.4	65	0.2	18.5	7.6	342	2.42	45.7	3.7	7.7	7.3	27	0.2	1.7	0.7	46	0.31	0.061
1096494	Soil		0.5	21.5	9.4	61	0.1	20.7	9.2	422	2.08	24.9	0.9	3.6	2.5	39	0.3	0.9	0.3	40	0.62	0.068
1096493	Soil		0.9	13.7	8.4	45	<0.1	13.8	5.4	180	2.10	29.8	1.1	3.0	3.5	19	0.1	0.9	0.4	39	0.25	0.054
1096500	Soil		0.7	22.0	9.3	56	0.2	22.9	9.0	362	2.05	20.9	0.6	3.0	4.6	54	0.4	2.2	0.4	35	0.63	0.076
1096495	Soil		0.5	26.5	10.1	55	0.2	21.5	8.6	286	1.97	60.6	0.7	7.6	3.4	78	0.4	1.9	0.4	36	1.11	0.075
1096476	Soil		0.8	36.2	11.2	89	0.3	26.3	9.6	224	2.19	36.4	1.5	8.3	3.5	72	0.5	1.2	0.4	58	1.14	0.058
1096478	Soil		1.1	50.1	20.9	104	0.8	24.3	8.4	361	2.19	38.8	2.8	4.1	3.5	43	1.5	6.3	0.5	56	0.64	0.110
1096475	Soil		1.0	32.0	15.8	102	0.3	26.1	10.1	305	2.21	51.1	1.5	4.2	4.3	72	0.9	1.2	0.7	62	1.18	0.082
1096479	Soil		0.4	33.3	8.8	51	0.2	20.0	8.2	374	1.95	39.7	0.9	5.5	2.6	65	0.5	1.2	0.8	32	1.20	0.052
1096477	Soil		0.7	29.9	9.6	60	0.2	20.3	8.8	358	2.00	18.0	2.2	4.1	2.0	43	0.2	1.4	0.3	52	0.86	0.089
1096481	Soil		0.5	68.8	11.2	41	0.5	16.6	10.9	300	2.02	224.4	1.4	18.7	2.9	85	0.3	1.5	1.7	30	1.24	0.065
1096480	Soil		0.5	27.1	9.1	49	0.2	18.5	8.5	413	2.04	32.1	0.9	2.0	2.6	77	0.3	1.3	0.4	35	1.22	0.076
1096484	Soil		0.9	28.1	9.2	57	0.2	18.0	6.9	214	1.86	42.4	3.5	50.7	5.6	31	0.2	2.8	0.7	36	0.48	0.083
1096473	Soil		0.6	31.3	11.4	52	0.3	20.6	8.1	325	2.02	182.3	0.8	10.1	2.5	56	0.4	1.0	1.3	32	1.34	0.055
1096483	Soil		0.4	26.8	9.3	35	0.2	14.9	6.6	332	1.52	44.9	1.2	3.3	1.6	96	0.3	0.8	0.6	24	2.45	0.049
1096482	Soil		0.3	12.0	9.1	37	<0.1	13.2	6.2	303	1.39	7.5	0.7	2.8	2.4	137	0.2	0.4	0.1	25	2.70	0.068
1097277	Soil		0.9	20.9	14.8	65	0.2	18.1	7.2	250	2.07	24.2	1.6	6.3	4.3	22	0.2	1.1	0.4	43	0.23	0.070

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1110837	Soil	12	18	0.37	141	0.026	<1	1.41	0.026	0.04	0.2	0.05	2.1	<0.1	<0.05	4	<0.5	<0.2
1110839	Soil	11	21	0.31	185	0.012	<1	1.35	0.007	0.06	0.1	0.05	0.9	0.2	0.06	4	<0.5	<0.2
1096497	Soil	12	21	0.46	168	0.015	1	1.41	0.021	0.05	0.3	0.03	2.1	0.1	0.07	4	<0.5	<0.2
1096498	Soil	13	24	0.48	193	0.014	1	1.53	0.014	0.05	0.2	0.04	2.5	0.1	<0.05	4	<0.5	<0.2
1096496	Soil	14	20	0.44	181	0.024	<1	1.30	0.036	0.06	0.4	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1096499	Soil	14	22	0.46	180	0.020	<1	1.83	0.064	0.04	0.1	0.03	2.1	0.1	<0.05	5	<0.5	<0.2
1096485	Soil	18	21	0.41	182	0.041	<1	1.04	0.008	0.08	0.6	0.03	1.9	0.2	<0.05	3	<0.5	<0.2
1096486	Soil	32	32	0.52	454	0.053	1	1.78	0.011	0.13	1.1	0.04	3.2	0.4	<0.05	6	<0.5	<0.2
1096488	Soil	18	24	0.42	216	0.061	<1	1.05	0.008	0.09	1.1	0.02	1.8	0.2	<0.05	4	<0.5	<0.2
1096487	Soil	28	27	0.44	317	0.055	<1	1.15	0.010	0.11	0.6	0.05	2.7	0.3	<0.05	4	<0.5	<0.2
1096490	Soil	20	24	0.38	216	0.030	<1	1.27	0.007	0.08	0.7	0.04	2.1	0.2	<0.05	4	<0.5	<0.2
1096489	Soil	16	23	0.38	206	0.035	<1	1.25	0.007	0.08	0.6	0.03	2.0	0.2	<0.05	4	<0.5	<0.2
1096492	Soil	24	27	0.49	254	0.064	<1	1.38	0.008	0.15	0.8	0.03	3.4	0.3	<0.05	5	<0.5	<0.2
1096491	Soil	24	29	0.45	328	0.048	<1	1.64	0.008	0.13	0.8	0.05	3.2	0.3	<0.05	5	<0.5	<0.2
1096494	Soil	14	25	0.51	263	0.025	<1	1.49	0.022	0.06	0.3	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
1096493	Soil	13	24	0.40	125	0.042	<1	1.42	0.006	0.06	0.5	0.02	1.7	0.2	<0.05	5	<0.5	<0.2
1096500	Soil	17	23	0.52	236	0.026	<1	1.67	0.038	0.07	0.2	0.03	3.2	0.2	<0.05	5	<0.5	<0.2
1096495	Soil	16	25	0.54	219	0.029	<1	1.58	0.050	0.07	0.5	0.04	2.6	0.1	<0.05	5	<0.5	<0.2
1096476	Soil	13	30	0.83	234	0.052	<1	2.21	0.098	0.16	0.4	0.03	2.8	0.2	<0.05	6	0.7	<0.2
1096478	Soil	17	31	0.64	222	0.037	<1	1.62	0.025	0.12	0.3	0.06	2.7	0.2	<0.05	5	0.6	<0.2
1096475	Soil	14	28	0.77	258	0.048	1	2.01	0.088	0.15	0.4	0.04	2.7	0.2	<0.05	6	0.7	<0.2
1096479	Soil	14	24	0.65	160	0.034	<1	1.61	0.053	0.06	0.5	0.04	2.0	0.2	<0.05	5	<0.5	<0.2
1096477	Soil	13	30	0.65	304	0.030	<1	1.82	0.032	0.06	0.1	0.05	2.3	0.2	0.06	5	0.6	<0.2
1096481	Soil	17	20	0.41	123	0.027	1	1.43	0.069	0.05	1.6	0.03	2.1	0.1	0.06	4	0.7	<0.2
1096480	Soil	13	28	0.76	224	0.043	<1	2.00	0.066	0.09	0.3	0.05	2.3	0.3	0.09	6	<0.5	<0.2
1096484	Soil	22	24	0.47	195	0.044	<1	1.19	0.019	0.09	1.7	0.04	2.6	0.2	<0.05	4	<0.5	<0.2
1096473	Soil	15	21	0.45	245	0.027	1	1.47	0.046	0.06	0.7	0.09	1.8	0.2	0.08	4	<0.5	<0.2
1096483	Soil	11	20	0.68	199	0.036	2	1.72	0.063	0.06	0.4	0.05	1.4	0.2	0.11	5	0.6	<0.2
1096482	Soil	12	24	0.54	131	0.045	3	1.87	0.137	0.09	0.7	0.04	1.5	0.1	0.09	5	<0.5	<0.2
1097277	Soil	18	29	0.46	249	0.058	<1	1.39	0.019	0.09	1.0	0.03	2.2	0.3	<0.05	5	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: September 27, 2011

CERTIFICATE OF ANALYSIS DAW11000262.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1097276	Soil	0.9	18.5	9.7	59	0.1	18.7	7.6	185	2.15	18.0	1.9	7.5	5.6	20	0.2	1.0	0.4	44	0.20	0.066
1097282	Soil	0.8	26.8	8.5	54	<0.1	20.3	6.4	223	1.91	10.6	0.8	1.7	3.2	15	0.2	1.0	0.2	37	0.14	0.057
1097279	Soil	1.0	18.4	10.5	60	0.1	18.2	7.3	241	2.26	26.5	1.6	5.1	4.6	25	0.2	1.1	0.7	47	0.19	0.064
1097275	Soil	0.9	18.1	9.0	61	0.1	17.4	6.6	273	2.06	22.5	2.3	5.6	6.8	23	0.2	1.1	0.4	42	0.25	0.075
1097274	Soil	0.9	18.7	13.3	57	0.2	17.5	6.7	252	1.90	24.3	3.4	5.1	5.3	19	0.3	1.1	0.4	38	0.19	0.073
1097281	Soil	1.0	23.2	10.4	71	0.1	26.5	12.0	364	2.61	26.8	0.8	1.2	4.8	34	0.2	1.2	0.4	49	0.24	0.070
1097278	Soil	0.9	16.6	8.5	49	0.1	15.8	6.1	199	1.94	23.0	2.5	6.6	3.6	20	0.1	0.9	0.4	40	0.19	0.060
1097284	Soil	1.0	51.1	13.2	65	0.1	20.0	9.3	262	2.24	318.7	1.3	9.0	6.3	37	0.4	1.5	2.2	42	0.39	0.063
1097280	Soil	1.0	23.3	16.5	70	0.2	20.5	9.7	229	2.27	59.7	1.7	4.9	4.7	77	0.2	1.5	0.7	45	0.25	0.051
1097283	Soil	1.6	74.4	9.2	81	0.2	23.8	6.8	152	1.94	16.5	1.1	6.5	2.6	39	0.3	1.7	0.2	54	0.24	0.073
1097285	Soil	0.9	49.2	13.1	66	0.1	20.0	9.8	259	2.24	321.5	1.4	11.2	6.3	36	0.5	1.4	2.2	43	0.39	0.061
1097286	Soil	0.2	11.3	8.0	34	<0.1	10.5	4.3	238	1.08	6.3	0.4	2.4	3.4	453	0.2	0.9	0.1	22	17.16	0.053
1071068	Soil	0.6	67.4	13.3	72	0.4	23.5	6.9	196	1.74	11.7	2.7	3.6	3.7	46	0.8	2.3	0.2	47	0.99	0.063
1071066	Soil	0.2	41.6	10.7	65	0.3	19.8	8.4	215	1.70	53.0	1.0	5.9	4.4	46	0.8	0.8	0.5	40	0.92	0.057
1071067	Soil	0.5	39.1	12.6	67	0.3	21.3	8.3	272	1.87	54.8	1.8	4.8	3.3	58	0.4	1.6	0.3	39	1.18	0.065
1071071	Soil	1.0	9.4	9.3	51	<0.1	11.0	5.2	209	1.80	14.2	1.2	4.6	4.0	12	0.5	0.8	0.3	36	0.13	0.051
1071069	Soil	1.3	55.9	11.5	82	0.5	22.1	7.8	439	2.00	13.6	2.0	3.8	3.0	63	0.3	2.8	0.2	56	1.35	0.080
1071070	Soil	0.5	32.3	8.5	59	0.2	18.0	8.3	682	1.73	106.3	1.5	2.6	3.1	51	0.3	0.8	0.7	27	1.15	0.053
1071065	Soil	0.6	28.7	9.3	59	0.1	22.2	8.5	281	2.04	26.6	0.9	6.7	4.6	46	0.3	0.9	1.0	39	1.04	0.053
1071073	Soil	0.8	15.0	7.8	62	0.1	16.9	7.6	267	1.95	17.6	3.0	12.0	9.6	21	0.2	1.1	0.7	37	0.28	0.074
1071072	Soil	1.1	15.1	9.9	57	0.1	15.0	7.5	282	2.06	22.6	3.3	4.8	7.4	20	0.3	1.2	0.4	40	0.22	0.063
1097273	Soil	0.8	12.6	9.0	54	<0.1	15.1	7.3	278	1.89	20.8	1.3	2.1	8.1	17	0.2	1.0	0.3	35	0.20	0.066
1071074	Soil	0.9	18.5	9.5	64	0.1	16.9	8.2	353	2.18	33.5	2.6	8.2	11.3	23	0.2	1.7	0.4	40	0.26	0.070
1071075	Soil	1.2	16.0	10.5	66	<0.1	16.5	8.9	421	2.26	24.6	1.9	5.8	8.5	19	0.3	1.5	0.4	44	0.21	0.065
1110749	Soil	0.9	26.1	17.6	85	0.1	27.3	12.9	445	2.75	13.3	1.7	3.7	8.4	8	0.2	2.6	0.2	23	0.08	0.052
1110743	Soil	0.8	27.4	10.3	60	<0.1	24.0	8.9	268	2.37	11.6	1.3	4.2	5.8	13	0.2	1.5	0.2	27	0.14	0.037
1110750	Soil	1.0	37.7	21.3	88	<0.1	32.3	15.3	396	3.56	11.3	1.7	9.9	10.9	9	0.1	4.3	0.3	21	0.07	0.041
1110748	Soil	0.6	21.2	11.9	48	<0.1	17.5	6.2	166	2.18	9.8	1.2	7.8	4.5	7	<0.1	1.9	0.2	22	0.05	0.031
1110744	Soil	0.6	27.4	10.8	60	<0.1	22.5	8.9	268	2.32	11.3	1.2	6.5	6.0	13	0.2	1.5	0.2	26	0.12	0.038
1151822	Soil	0.8	33.0	16.9	78	<0.1	34.4	17.0	392	3.06	13.4	1.7	3.3	11.3	10	0.2	7.5	0.2	15	0.07	0.029

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Project: MAH
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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1097276	Soil		19	30	0.50	251	0.057	<1	1.61	0.009	0.09	0.4	0.04	2.6	0.3	<0.05	5	<0.5	<0.2
1097282	Soil		13	21	0.36	172	0.030	<1	1.26	0.006	0.05	0.1	0.04	2.3	0.1	<0.05	3	<0.5	<0.2
1097279	Soil		17	33	0.52	279	0.058	<1	1.66	0.009	0.10	0.4	0.03	2.5	0.3	<0.05	5	<0.5	<0.2
1097275	Soil		21	29	0.48	301	0.067	<1	1.30	0.009	0.10	0.7	0.03	2.8	0.2	<0.05	4	<0.5	<0.2
1097274	Soil		25	24	0.37	174	0.040	<1	1.23	0.014	0.08	0.8	0.03	2.0	0.2	<0.05	4	<0.5	<0.2
1097281	Soil		17	35	0.66	733	0.074	<1	2.02	0.015	0.14	0.2	0.04	3.0	0.2	<0.05	6	<0.5	<0.2
1097278	Soil		18	26	0.39	258	0.041	<1	1.36	0.007	0.07	0.4	0.02	2.1	0.2	<0.05	4	<0.5	<0.2
1097284	Soil		16	29	0.66	249	0.041	<1	1.73	0.014	0.09	0.4	0.01	3.0	0.2	<0.05	5	1.4	<0.2
1097280	Soil		15	39	0.59	316	0.061	<1	1.74	0.015	0.09	0.3	0.02	2.8	0.3	<0.05	5	<0.5	<0.2
1097283	Soil		10	26	0.67	262	0.034	<1	1.59	0.010	0.13	0.1	0.01	2.1	0.2	<0.05	5	1.2	<0.2
1097285	Soil		16	29	0.64	246	0.043	<1	1.76	0.014	0.08	0.4	<0.01	2.8	0.2	<0.05	5	0.7	<0.2
1097286	Soil		6	20	1.00	261	0.047	<1	1.49	0.096	0.07	<0.1	<0.01	2.3	0.1	0.07	5	0.8	<0.2
1071068	Soil		11	27	0.72	227	0.043	1	1.45	0.029	0.12	0.2	0.03	2.6	0.2	0.11	4	0.9	<0.2
1071066	Soil		13	21	0.55	205	0.035	<1	1.43	0.057	0.10	0.2	0.03	2.4	0.1	0.08	4	0.9	<0.2
1071067	Soil		11	27	0.78	261	0.045	1	1.69	0.049	0.13	0.2	0.03	2.5	0.2	0.07	5	1.3	<0.2
1071071	Soil		12	21	0.27	113	0.043	<1	0.89	0.006	0.05	0.8	0.04	1.3	0.1	0.06	4	0.7	<0.2
1071069	Soil		11	30	0.85	270	0.050	1	1.70	0.023	0.15	0.2	0.03	2.4	0.2	0.09	5	1.5	<0.2
1071070	Soil		11	22	0.56	250	0.033	1	1.31	0.042	0.05	0.3	0.04	2.3	0.1	0.05	4	1.0	<0.2
1071065	Soil		14	28	0.73	280	0.055	1	1.96	0.104	0.14	0.4	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1071073	Soil		22	27	0.48	216	0.071	<1	1.08	0.010	0.11	1.3	0.02	2.0	0.2	<0.05	4	0.7	<0.2
1071072	Soil		20	25	0.41	232	0.046	<1	1.21	0.009	0.08	0.8	0.03	2.3	0.2	<0.05	4	<0.5	<0.2
1097273	Soil		17	22	0.38	120	0.052	<1	1.08	0.007	0.09	0.6	0.02	1.6	0.2	<0.05	4	0.7	<0.2
1071074	Soil		24	29	0.51	220	0.075	<1	1.20	0.009	0.15	0.8	0.01	2.4	0.3	<0.05	4	<0.5	<0.2
1071075	Soil		19	27	0.45	162	0.066	<1	1.17	0.008	0.12	1.1	0.02	1.9	0.2	<0.05	5	0.8	<0.2
1110749	Soil		22	18	0.30	79	0.019	<1	1.14	0.005	0.04	0.2	0.02	2.2	<0.1	<0.05	3	1.0	<0.2
1110743	Soil		22	18	0.33	270	0.019	<1	1.01	0.005	0.03	0.1	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
1110750	Soil		32	18	0.30	88	0.009	<1	1.07	0.005	0.03	<0.1	<0.01	1.6	<0.1	<0.05	3	0.6	<0.2
1110748	Soil		24	16	0.25	84	0.011	<1	0.95	0.005	0.03	0.1	0.03	1.4	<0.1	<0.05	3	0.7	<0.2
1110744	Soil		21	18	0.32	270	0.017	<1	0.97	0.005	0.03	<0.1	0.02	2.4	<0.1	<0.05	3	0.9	<0.2
1151822	Soil		39	12	0.22	161	0.010	<1	0.70	0.005	0.03	<0.1	0.02	1.8	<0.1	<0.05	2	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151823	Soil	0.8	23.3	12.1	51	<0.1	19.9	7.8	290	2.11	11.4	1.0	4.8	4.4	12	0.1	1.6	0.2	27	0.13	0.042
1110747	Soil	0.6	21.6	12.6	49	<0.1	19.6	6.3	176	2.40	9.8	1.3	3.4	4.5	8	<0.1	1.8	0.2	25	0.07	0.035
1110746	Soil	0.7	25.7	10.6	57	<0.1	19.0	7.1	225	2.17	10.7	1.9	2.3	4.1	12	<0.1	1.0	0.2	32	0.11	0.045
1110745	Soil	0.7	22.7	10.3	61	0.1	19.8	8.3	278	2.20	9.8	2.2	3.7	5.3	10	0.1	0.9	0.1	30	0.09	0.044
1144771	Soil	0.8	22.2	18.8	49	<0.1	16.8	6.9	194	2.27	9.7	1.1	3.9	5.9	9	<0.1	4.5	0.2	23	0.09	0.029
1110719	Soil	0.8	27.3	12.2	66	<0.1	21.9	9.6	245	2.40	10.5	1.6	5.0	5.4	14	0.1	1.6	0.2	33	0.14	0.050
1110729	Soil	0.6	26.9	13.2	57	<0.1	23.0	10.7	312	2.29	7.1	1.1	5.9	6.6	13	0.1	1.1	0.2	22	0.13	0.043
1110725	Soil	0.6	24.0	11.5	59	<0.1	25.0	9.1	222	2.15	9.1	1.1	2.8	6.6	11	0.2	2.0	0.1	23	0.12	0.043
1110721	Soil	1.0	31.1	34.2	81	0.2	25.2	10.3	357	2.32	35.6	1.0	3.4	6.6	18	0.4	5.0	0.2	30	0.22	0.048
1110726	Soil	0.5	18.4	12.5	51	<0.1	21.1	8.4	215	2.19	7.5	0.8	3.1	3.9	7	0.1	2.6	0.1	22	0.07	0.030
1110727	Soil	0.7	38.6	24.8	82	<0.1	30.2	14.3	303	2.94	11.7	1.8	2.9	10.2	11	0.3	2.7	0.3	20	0.08	0.038
1110720	Soil	0.8	25.7	15.9	70	<0.1	23.6	11.3	346	2.39	12.8	1.0	4.0	5.2	11	0.3	4.4	0.2	32	0.10	0.038
1110724	Soil	0.8	39.3	48.8	90	0.2	29.7	11.9	380	2.43	11.8	1.2	12.8	8.0	13	0.4	2.7	0.2	27	0.15	0.044
1110722	Soil	0.6	20.4	18.6	55	0.1	18.8	7.7	244	2.15	16.1	0.9	4.9	4.5	11	0.1	4.3	0.2	30	0.13	0.042
1110728	Soil	0.7	30.7	13.1	68	<0.1	24.3	12.3	309	3.02	9.0	1.6	2.4	11.7	11	0.2	3.3	0.2	24	0.08	0.044
1110723	Soil	0.6	23.2	12.6	57	<0.1	19.0	7.4	227	2.12	10.3	0.9	2.6	4.1	9	0.2	1.9	0.2	31	0.10	0.040
1110730	Soil	0.8	28.1	11.4	65	<0.1	25.2	9.5	346	2.47	9.1	1.3	4.3	6.1	19	0.2	1.5	0.2	35	0.18	0.046
1110883	Soil	1.1	22.0	16.6	56	<0.1	20.1	8.2	200	2.80	11.6	1.1	1.7	4.6	7	0.2	4.1	0.3	29	0.06	0.040
1110882	Soil	1.0	18.0	13.3	47	<0.1	16.8	8.1	230	2.58	10.3	0.9	3.8	6.0	7	0.1	0.7	0.2	34	0.07	0.034
1110885	Soil	0.8	21.9	13.6	49	<0.1	16.1	6.0	147	2.50	8.5	1.1	2.2	5.6	8	<0.1	1.2	0.2	27	0.07	0.037
1110886	Soil	0.7	29.9	13.4	60	<0.1	22.7	8.9	212	2.76	8.3	1.4	3.5	8.2	10	0.1	1.0	0.2	29	0.08	0.036
1110887	Soil	0.8	27.0	15.1	58	<0.1	21.0	8.0	168	2.75	7.1	1.3	1.9	5.4	8	<0.1	1.1	0.3	25	0.06	0.033
1110884	Soil	0.8	19.9	13.5	49	<0.1	19.0	8.3	171	2.38	9.2	1.0	2.9	4.0	8	<0.1	2.1	0.2	24	0.06	0.035
1110888	Soil	0.8	26.5	14.2	57	<0.1	21.3	8.4	189	2.69	6.7	1.3	1.3	5.6	9	<0.1	1.1	0.2	24	0.06	0.033
1050888	Soil	0.8	17.1	12.6	42	<0.1	14.5	5.3	126	2.13	6.8	0.9	2.0	2.5	8	<0.1	0.8	0.2	25	0.05	0.031
1050889	Soil	0.7	17.1	12.2	43	<0.1	13.3	4.9	122	2.09	7.2	1.0	3.4	3.1	8	<0.1	0.8	0.2	26	0.06	0.033
1050887	Soil	0.7	24.8	10.5	57	<0.1	20.4	8.4	264	2.30	9.9	1.1	2.2	5.0	11	0.2	0.9	0.2	30	0.11	0.051
1110891	Soil	0.9	23.0	11.6	56	<0.1	17.3	7.3	223	2.38	9.8	1.2	2.9	3.2	9	0.2	0.8	0.2	32	0.09	0.051
1110890	Soil	1.0	39.0	15.5	71	<0.1	28.7	14.5	440	3.06	12.0	2.0	3.3	6.1	9	0.2	0.8	0.3	36	0.08	0.058
1110889	Soil	1.0	38.4	15.6	72	<0.1	28.2	14.3	441	2.99	12.0	2.0	2.2	6.4	9	0.1	0.9	0.3	36	0.08	0.059

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Project: MAH
Report Date: September 27, 2011

CERTIFICATE OF ANALYSIS DAW11000262.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151823	Soil	18	19	0.35	199	0.018	<1	1.02	0.006	0.04	0.1	0.05	2.2	<0.1	<0.05	3	0.8	<0.2
1110747	Soil	25	17	0.26	85	0.012	<1	1.01	0.005	0.03	<0.1	0.02	1.5	<0.1	<0.05	3	0.6	<0.2
1110746	Soil	18	20	0.35	236	0.018	<1	1.16	0.005	0.04	0.1	0.04	2.6	<0.1	<0.05	3	0.7	<0.2
1110745	Soil	17	19	0.37	170	0.017	<1	1.25	0.005	0.04	0.1	0.03	2.6	<0.1	<0.05	3	<0.5	<0.2
1144771	Soil	23	17	0.33	140	0.017	<1	0.93	0.005	0.03	0.1	0.03	1.7	<0.1	<0.05	3	0.9	<0.2
1110719	Soil	20	23	0.43	188	0.032	<1	1.27	0.007	0.04	0.1	0.04	3.1	<0.1	<0.05	4	<0.5	<0.2
1110729	Soil	26	18	0.37	247	0.021	<1	1.12	0.006	0.04	0.1	0.03	2.5	<0.1	<0.05	3	0.7	<0.2
1110725	Soil	20	16	0.34	177	0.027	<1	0.97	0.006	0.04	0.2	0.02	2.6	<0.1	<0.05	3	<0.5	<0.2
1110721	Soil	23	21	0.39	290	0.032	<1	1.09	0.019	0.04	0.6	0.02	2.8	<0.1	<0.05	3	0.5	<0.2
1110726	Soil	24	17	0.32	80	0.011	<1	1.04	0.004	0.03	<0.1	0.02	1.3	<0.1	<0.05	3	0.6	<0.2
1110727	Soil	35	17	0.38	203	0.012	<1	1.09	0.007	0.03	0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1110720	Soil	22	21	0.40	174	0.024	<1	1.25	0.007	0.04	0.1	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
1110724	Soil	24	20	0.39	134	0.023	<1	1.14	0.034	0.05	1.4	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1110722	Soil	21	19	0.35	227	0.030	1	1.05	0.007	0.04	0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1110728	Soil	31	19	0.44	123	0.022	<1	1.17	0.004	0.03	<0.1	0.01	2.0	<0.1	<0.05	3	<0.5	<0.2
1110723	Soil	21	20	0.36	125	0.029	2	1.15	0.005	0.04	0.1	0.02	2.6	<0.1	<0.05	3	<0.5	<0.2
1110730	Soil	21	22	0.43	272	0.038	2	1.24	0.007	0.05	0.2	0.03	3.5	<0.1	<0.05	3	<0.5	<0.2
1110883	Soil	24	18	0.24	74	0.011	1	0.94	0.004	0.04	0.1	0.04	1.7	0.1	<0.05	3	0.5	<0.2
1110882	Soil	21	19	0.33	89	0.022	1	1.33	0.004	0.04	0.2	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1110885	Soil	29	17	0.33	74	0.015	1	1.08	0.004	0.04	0.1	0.03	1.5	<0.1	<0.05	3	0.6	<0.2
1110886	Soil	33	19	0.42	125	0.021	<1	1.25	0.005	0.04	0.1	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1110887	Soil	33	16	0.34	106	0.013	<1	1.06	0.004	0.04	0.1	0.03	1.7	0.1	<0.05	3	<0.5	<0.2
1110884	Soil	28	14	0.20	79	0.011	1	0.83	0.005	0.03	<0.1	0.03	1.4	0.1	<0.05	3	<0.5	<0.2
1110888	Soil	33	16	0.33	105	0.014	<1	1.03	0.004	0.04	0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1050888	Soil	28	16	0.24	84	0.014	<1	0.88	0.004	0.03	0.1	0.03	1.0	0.1	<0.05	3	<0.5	<0.2
1050889	Soil	27	16	0.25	76	0.014	<1	0.94	0.004	0.03	0.1	0.02	1.5	0.1	<0.05	3	<0.5	<0.2
1050887	Soil	21	17	0.34	142	0.022	<1	1.03	0.004	0.04	0.2	0.03	2.7	<0.1	<0.05	3	0.8	<0.2
1110891	Soil	22	19	0.35	112	0.019	<1	1.14	0.004	0.04	0.1	0.04	2.3	<0.1	<0.05	3	0.9	<0.2
1110890	Soil	27	23	0.41	159	0.023	<1	1.43	0.005	0.05	0.2	0.06	4.2	0.1	<0.05	4	<0.5	<0.2
1110889	Soil	27	22	0.42	154	0.024	<1	1.48	0.005	0.05	0.1	0.07	4.1	0.1	<0.05	4	1.1	<0.2

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Project: MAH
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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1110859	Soil	2.2	53.2	16.1	84	<0.1	24.4	14.1	362	5.07	10.3	2.3	20.1	19.8	14	0.1	0.9	0.5	26	0.05	0.056
1110860	Soil	0.9	14.1	12.7	41	<0.1	13.0	5.5	171	2.37	9.7	0.8	3.6	1.8	10	0.1	0.6	0.2	41	0.09	0.049
1110858	Soil	0.8	23.9	12.3	53	<0.1	24.2	11.4	242	2.58	8.7	1.0	2.2	5.5	10	0.2	0.9	0.2	33	0.11	0.045
1110861	Soil	1.2	19.9	19.9	53	<0.1	15.2	7.3	218	2.90	12.0	1.2	3.4	8.9	10	0.2	0.7	0.4	30	0.07	0.040
1110863	Soil	0.9	24.2	16.7	55	<0.1	19.6	8.6	187	2.95	9.9	1.3	2.5	6.3	8	0.2	0.9	0.3	29	0.07	0.043
1110862	Soil	1.6	48.8	36.7	72	0.1	35.5	15.7	233	3.71	14.6	2.6	3.4	10.5	13	0.1	0.6	0.5	21	0.07	0.054
1110864	Soil	1.1	63.6	22.2	135	0.1	65.8	27.4	426	5.36	4.5	3.7	1.8	23.8	9	<0.1	2.1	0.5	11	0.04	0.047
1110865	Soil	1.2	29.7	19.8	70	<0.1	24.9	11.9	219	3.33	8.2	1.3	8.6	10.4	10	0.1	0.7	0.3	25	0.07	0.039
1110866	Soil	1.3	31.3	14.9	61	<0.1	26.1	12.5	397	2.94	13.3	1.3	2.2	7.6	11	0.1	0.9	0.2	37	0.10	0.047
1110869	Soil	1.0	26.1	16.2	62	<0.1	24.6	10.9	259	2.83	9.7	1.4	1.9	7.4	9	0.1	1.4	0.2	31	0.08	0.043
1110867	Soil	1.1	25.4	17.4	59	<0.1	26.1	10.4	176	3.00	9.0	1.5	5.1	6.3	7	0.1	2.0	0.3	27	0.05	0.037
1110868	Soil	0.9	28.4	17.0	65	<0.1	25.5	12.3	281	3.05	9.9	1.6	1.7	8.5	9	0.1	1.4	0.3	33	0.09	0.047
1110871	Soil	0.8	33.2	18.3	75	<0.1	28.5	12.2	273	3.12	9.1	2.1	2.0	6.2	8	0.1	1.2	0.3	22	0.06	0.052
1110870	Soil	0.9	17.2	13.8	50	<0.1	16.2	7.6	189	2.45	9.2	0.9	3.3	3.4	9	<0.1	0.9	0.2	33	0.09	0.048
1110872	Soil	0.9	26.6	15.9	62	<0.1	23.0	11.6	307	2.87	9.5	1.4	1.9	7.9	8	0.1	1.0	0.2	28	0.08	0.050
1110873	Soil	0.8	27.2	23.6	78	<0.1	28.6	14.6	616	3.39	7.2	1.5	1.9	11.5	8	0.1	0.5	0.3	24	0.07	0.059
1110874	Soil	0.9	13.2	11.5	45	<0.1	15.1	7.3	245	2.28	9.5	0.7	1.5	5.0	8	0.2	0.6	0.2	37	0.08	0.032
1110875	Soil	1.0	18.7	15.7	46	<0.1	16.4	7.4	217	2.52	10.8	1.0	2.6	4.3	10	<0.1	0.6	0.2	37	0.11	0.051
1110877	Soil	0.9	22.5	16.8	51	<0.1	20.2	8.6	254	2.81	9.9	1.0	2.1	7.4	8	0.2	0.9	0.3	38	0.07	0.030
1110876	Soil	1.0	39.9	18.6	63	<0.1	38.1	17.5	548	3.67	18.6	1.0	5.6	7.2	10	0.4	1.6	0.2	34	0.11	0.060
1110878	Soil	1.4	39.1	30.1	86	<0.1	36.5	18.7	323	4.23	15.2	1.5	1.5	16.6	7	0.2	4.3	0.4	19	0.03	0.030
1110881	Soil	1.2	29.4	16.5	63	<0.1	23.0	9.2	253	2.99	10.9	1.4	6.1	7.3	9	0.2	1.3	0.2	29	0.08	0.044
1110879	Soil	1.1	22.9	17.4	58	<0.1	24.5	10.7	278	3.13	11.0	1.2	10.6	7.9	8	0.1	1.2	0.2	38	0.07	0.040
1110880	Soil	1.0	23.9	15.3	56	<0.1	21.5	8.0	193	3.01	9.9	1.0	3.1	5.3	8	<0.1	1.5	0.2	35	0.08	0.040
1096474	Soil	0.5	22.2	12.8	92	0.2	24.1	10.0	396	2.08	36.0	0.7	5.3	2.4	73	0.5	1.1	0.4	35	1.66	0.061

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1110859	Soil	45	19	0.64	118	0.008	<1	1.63	0.006	0.05	<0.1	0.02	2.4	<0.1	<0.05	5	0.5	<0.2
1110860	Soil	15	22	0.34	109	0.021	<1	1.48	0.004	0.03	0.2	0.04	1.8	0.1	<0.05	5	0.9	<0.2
1110858	Soil	21	19	0.34	93	0.022	<1	1.26	0.005	0.04	0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1110861	Soil	33	20	0.36	76	0.019	<1	1.29	0.006	0.05	0.1	0.03	1.8	<0.1	<0.05	4	0.8	<0.2
1110863	Soil	29	18	0.35	72	0.012	<1	1.26	0.004	0.03	0.1	0.03	1.7	<0.1	<0.05	3	0.9	<0.2
1110862	Soil	41	14	0.24	140	0.007	<1	1.10	0.005	0.04	<0.1	0.04	2.4	<0.1	<0.05	2	0.7	<0.2
1110864	Soil	57	9	0.12	113	0.002	<1	0.62	0.006	0.06	<0.1	0.03	2.6	<0.1	<0.05	2	<0.5	<0.2
1110865	Soil	35	18	0.31	75	0.012	<1	1.18	0.004	0.04	0.1	0.03	1.9	<0.1	<0.05	3	0.8	<0.2
1110866	Soil	23	24	0.46	152	0.030	<1	1.49	0.006	0.05	0.2	0.05	2.9	0.1	<0.05	4	0.8	<0.2
1110869	Soil	32	18	0.32	113	0.016	1	1.18	0.005	0.04	0.1	0.04	2.2	0.1	<0.05	3	<0.5	<0.2
1110867	Soil	31	14	0.19	46	0.012	<1	0.77	0.004	0.03	0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1110868	Soil	35	19	0.34	119	0.015	<1	1.27	0.005	0.05	0.2	0.03	2.4	0.1	<0.05	4	0.7	<0.2
1110871	Soil	31	14	0.26	75	0.009	<1	0.96	0.004	0.04	<0.1	0.02	1.5	0.1	<0.05	3	0.6	<0.2
1110870	Soil	20	19	0.32	77	0.016	<1	1.23	0.004	0.04	0.2	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
1110872	Soil	26	19	0.34	90	0.016	<1	1.26	0.004	0.05	0.1	0.03	2.2	<0.1	<0.05	3	0.6	<0.2
1110873	Soil	37	19	0.46	69	0.013	<1	1.38	0.004	0.04	0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1110874	Soil	17	18	0.27	85	0.023	<1	1.23	0.006	0.04	0.2	0.03	1.7	<0.1	<0.05	4	0.5	<0.2
1110875	Soil	18	22	0.37	104	0.020	<1	1.41	0.005	0.04	0.2	0.04	2.0	0.1	<0.05	4	0.7	<0.2
1110877	Soil	23	22	0.35	93	0.026	<1	1.32	0.004	0.04	0.1	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1110876	Soil	25	26	0.46	105	0.014	2	1.26	0.004	0.04	0.1	0.04	3.3	<0.1	<0.05	3	<0.5	<0.2
1110878	Soil	47	12	0.15	60	0.006	2	0.73	0.007	0.04	<0.1	0.03	1.7	0.2	<0.05	2	<0.5	<0.2
1110881	Soil	31	19	0.34	107	0.018	2	1.13	0.006	0.04	0.1	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
1110879	Soil	25	22	0.32	106	0.019	2	1.49	0.004	0.04	0.2	0.03	2.6	0.1	<0.05	4	<0.5	<0.2
1110880	Soil	26	21	0.33	73	0.016	2	1.17	0.005	0.04	0.1	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1096474	Soil	15	23	0.50	258	0.032	4	1.88	0.072	0.05	0.3	0.05	2.4	0.1	0.05	5	<0.5	<0.2

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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: September 27, 2011

QUALITY CONTROL REPORT DAW11000262.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1144549	Soil	0.5	20.1	10.9	75	0.2	22.6	8.5	400	2.36	9.0	0.7	0.5	3.6	119	0.3	0.6	0.2	46	1.01	0.061
REP 1144549	QC	0.5	20.6	11.7	78	0.2	23.8	9.2	412	2.49	9.3	0.7	4.9	3.9	124	0.2	0.7	0.2	49	1.10	0.063
1151695	Soil	0.5	14.2	10.4	46	0.1	16.5	7.5	398	1.58	16.9	0.5	11.4	1.0	77	0.5	0.7	0.4	28	2.30	0.078
REP 1151695	QC	0.8	14.4	10.9	48	0.1	17.7	7.7	410	1.65	17.2	0.5	10.2	1.0	80	0.5	0.8	0.5	31	2.40	0.081
1046489	Soil	0.6	42.6	11.0	41	0.2	17.6	9.8	271	1.46	23.4	0.6	4.6	1.6	85	0.4	1.3	0.4	24	3.23	0.037
REP 1046489	QC	0.7	48.9	12.7	52	0.2	23.5	12.0	298	1.78	26.9	0.7	6.2	2.0	97	0.4	1.4	0.4	30	3.43	0.040
1096491	Soil	1.1	22.2	11.4	65	0.2	18.5	7.6	342	2.42	45.7	3.7	7.7	7.3	27	0.2	1.7	0.7	46	0.31	0.061
REP 1096491	QC	1.2	22.3	11.4	66	0.2	18.9	7.7	337	2.41	46.4	3.7	10.9	7.6	28	0.2	1.8	0.7	47	0.32	0.061
1096475	Soil	1.0	32.0	15.8	102	0.3	26.1	10.1	305	2.21	51.1	1.5	4.2	4.3	72	0.9	1.2	0.7	62	1.18	0.082
REP 1096475	QC	1.0	32.6	15.9	102	0.3	26.1	9.8	302	2.26	51.4	1.5	5.2	4.2	70	0.9	1.2	0.7	60	1.19	0.083
1097284	Soil	1.0	51.1	13.2	65	0.1	20.0	9.3	262	2.24	318.7	1.3	9.0	6.3	37	0.4	1.5	2.2	42	0.39	0.063
REP 1097284	QC	0.9	51.4	13.2	67	0.1	21.0	9.7	261	2.28	327.7	1.3	12.6	6.4	36	0.4	1.3	2.1	43	0.40	0.061
1110727	Soil	0.7	38.6	24.8	82	<0.1	30.2	14.3	303	2.94	11.7	1.8	2.9	10.2	11	0.3	2.7	0.3	20	0.08	0.038
REP 1110727	QC	0.6	36.0	24.4	77	<0.1	29.9	13.6	289	2.85	10.5	1.7	2.4	10.0	11	0.2	2.8	0.2	19	0.08	0.037
1110882	Soil	1.0	18.0	13.3	47	<0.1	16.8	8.1	230	2.58	10.3	0.9	3.8	6.0	7	0.1	0.7	0.2	34	0.07	0.034
REP 1110882	QC	1.0	18.1	13.3	49	<0.1	16.6	8.0	229	2.60	10.2	0.9	2.6	6.2	7	0.1	0.7	0.3	35	0.07	0.035
1050887	Soil	0.7	24.8	10.5	57	<0.1	20.4	8.4	264	2.30	9.9	1.1	2.2	5.0	11	0.2	0.9	0.2	30	0.11	0.051
REP 1050887	QC	0.7	24.7	10.3	58	<0.1	20.1	8.1	262	2.28	9.5	1.1	1.5	4.8	11	0.2	0.9	0.2	29	0.11	0.051
1110870	Soil	0.9	17.2	13.8	50	<0.1	16.2	7.6	189	2.45	9.2	0.9	3.3	3.4	9	<0.1	0.9	0.2	33	0.09	0.048
REP 1110870	QC	0.7	16.4	12.7	46	<0.1	14.4	6.8	182	2.30	8.8	0.8	1.6	3.3	8	<0.1	1.0	0.2	31	0.09	0.045
Reference Materials																					
STD DS8	Standard	12.9	113.2	130.2	314	1.8	40.6	7.9	615	2.56	25.2	2.7	124.7	6.6	65	2.4	5.3	6.8	44	0.69	0.080
STD DS8	Standard	12.8	106.1	121.2	313	1.8	37.5	7.1	619	2.41	25.0	2.7	114.2	6.8	67	2.1	5.5	6.7	40	0.68	0.079
STD DS8	Standard	9.5	94.0	104.9	267	1.5	33.2	6.3	523	2.15	22.3	2.2	99.1	5.5	53	1.8	4.8	5.5	36	0.59	0.066
STD DS8	Standard	10.9	92.4	115.1	268	1.7	32.6	6.2	531	2.12	21.8	2.2	107.6	5.3	57	2.1	4.9	5.6	34	0.59	0.071
STD DS8	Standard	10.8	101.6	112.3	297	1.6	34.4	6.5	559	2.17	23.3	2.4	108.2	5.8	54	2.2	4.8	5.4	36	0.60	0.067
STD DS8	Standard	11.9	94.3	114.8	285	1.6	33.4	6.8	564	2.29	21.6	2.4	99.2	5.4	58	2.0	5.0	5.3	38	0.64	0.072
STD DS8	Standard	12.1	107.4	127.1	305	1.9	37.1	7.4	615	2.43	23.6	2.7	127.9	6.6	64	2.6	5.3	6.3	41	0.69	0.077

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: September 27, 2011

QUALITY CONTROL REPORT DAW11000262.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1144549	Soil	12	39	1.32	372	0.068	1	2.92	0.110	0.06	0.1	0.03	3.8	0.1	<0.05	8	<0.5	<0.2
REP 1144549	QC	13	41	1.38	400	0.073	1	3.17	0.116	0.07	0.1	0.05	3.9	0.1	<0.05	9	<0.5	<0.2
1151695	Soil	11	20	0.36	280	0.022	3	1.49	0.061	0.05	0.2	0.04	1.3	0.1	0.10	4	0.7	<0.2
REP 1151695	QC	12	21	0.37	289	0.027	5	1.61	0.062	0.05	0.2	0.05	1.5	0.1	0.13	4	1.3	<0.2
1046489	Soil	7	19	0.78	127	0.044	5	1.65	0.044	0.08	0.2	0.04	1.5	0.2	0.06	5	0.6	<0.2
REP 1046489	QC	9	24	1.00	150	0.054	5	2.05	0.059	0.10	0.3	0.03	1.8	0.3	0.08	7	1.2	<0.2
1096491	Soil	24	29	0.45	328	0.048	<1	1.64	0.008	0.13	0.8	0.05	3.2	0.3	<0.05	5	<0.5	<0.2
REP 1096491	QC	25	29	0.45	343	0.048	<1	1.57	0.008	0.13	0.9	0.04	3.3	0.3	<0.05	5	<0.5	<0.2
1096475	Soil	14	28	0.77	258	0.048	1	2.01	0.088	0.15	0.4	0.04	2.7	0.2	<0.05	6	0.7	<0.2
REP 1096475	QC	14	27	0.74	256	0.047	1	1.94	0.087	0.15	0.4	0.04	2.8	0.2	<0.05	6	0.8	<0.2
1097284	Soil	16	29	0.66	249	0.041	<1	1.73	0.014	0.09	0.4	0.01	3.0	0.2	<0.05	5	1.4	<0.2
REP 1097284	QC	15	28	0.66	244	0.043	<1	1.74	0.016	0.09	0.4	0.01	3.1	0.2	<0.05	5	0.8	<0.2
1110727	Soil	35	17	0.38	203	0.012	<1	1.09	0.007	0.03	0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
REP 1110727	QC	35	17	0.36	205	0.013	<1	1.08	0.007	0.03	0.1	0.02	2.1	<0.1	<0.05	3	0.9	<0.2
1110882	Soil	21	19	0.33	89	0.022	1	1.33	0.004	0.04	0.2	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
REP 1110882	QC	21	19	0.34	86	0.023	<1	1.38	0.004	0.04	0.2	0.03	1.7	0.2	<0.05	4	<0.5	<0.2
1050887	Soil	21	17	0.34	142	0.022	<1	1.03	0.004	0.04	0.2	0.03	2.7	<0.1	<0.05	3	0.8	<0.2
REP 1050887	QC	21	17	0.34	143	0.023	<1	1.01	0.004	0.04	0.2	0.02	2.6	<0.1	<0.05	3	<0.5	<0.2
1110870	Soil	20	19	0.32	77	0.016	<1	1.23	0.004	0.04	0.2	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
REP 1110870	QC	19	18	0.28	72	0.016	<1	1.14	0.004	0.04	0.2	0.04	1.7	<0.1	<0.05	3	0.6	<0.2
Reference Materials																		
STD DS8	Standard	15	122	0.63	273	0.116	3	0.97	0.091	0.41	3.2	0.20	2.7	5.5	0.10	5	4.6	5.0
STD DS8	Standard	15	110	0.61	270	0.113	2	0.89	0.093	0.41	2.9	0.20	2.6	5.4	0.15	5	5.9	4.4
STD DS8	Standard	11	99	0.52	226	0.092	3	0.77	0.076	0.36	2.4	0.17	2.5	4.7	0.14	4	4.8	4.3
STD DS8	Standard	13	98	0.54	240	0.087	2	0.78	0.091	0.41	2.4	0.19	1.7	5.2	0.11	4	4.5	4.3
STD DS8	Standard	12	105	0.56	232	0.090	1	0.81	0.078	0.37	2.2	0.17	2.0	4.9	0.16	4	4.9	4.1
STD DS8	Standard	14	107	0.54	248	0.101	3	0.78	0.086	0.38	2.8	0.19	1.7	5.0	0.13	4	5.1	4.6
STD DS8	Standard	14	116	0.62	276	0.116	3	0.88	0.079	0.41	2.9	0.20	2.4	5.4	0.15	4	4.7	5.1

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Project: MAH
Report Date: September 27, 2011

QUALITY CONTROL REPORT DAW11000262.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Vancouver BC V6C 1H2 Canada

Project: MAH
Report Date: September 27, 2011

QUALITY CONTROL REPORT DAW11000262.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 20, 2011
Report Date: September 29, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000267.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-08
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: MHR
Report Date: September 29, 2011

CERTIFICATE OF ANALYSIS DAW11000267.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078081	Soil	1.0	31.2	13.4	68	<0.1	26.7	9.6	309	2.60	8.9	0.7	2.2	4.0	13	0.3	1.4	0.2	35	0.16	0.070
1078083	Soil	1.0	24.7	11.1	51	<0.1	18.9	7.3	243	2.41	10.0	0.7	10.3	1.3	8	<0.1	1.3	0.2	39	0.08	0.048
1078082	Soil	0.9	20.4	10.8	66	<0.1	20.0	11.2	563	2.49	10.3	0.7	1.8	2.4	10	0.2	0.7	0.2	37	0.12	0.075
1078080	Soil	1.0	17.3	11.7	46	<0.1	15.1	6.2	196	2.33	10.0	0.8	3.6	1.4	7	<0.1	0.8	0.2	38	0.07	0.044
1078095	Soil	2.5	12.6	15.2	55	<0.1	13.7	6.2	449	2.23	9.4	0.7	3.8	1.1	16	<0.1	0.8	0.2	43	0.11	0.042
1078079	Soil	0.9	19.0	12.3	58	<0.1	17.9	10.0	408	2.53	12.0	0.9	2.3	2.1	8	0.1	1.0	0.2	39	0.07	0.044
1078077	Soil	1.0	33.2	33.7	86	0.1	25.5	15.9	913	3.18	17.4	2.1	3.3	2.0	10	0.2	4.9	0.4	27	0.07	0.063
1078078	Soil	0.9	20.1	14.7	62	<0.1	20.6	11.0	382	2.40	11.8	1.1	1.9	2.6	9	0.2	1.5	0.2	36	0.09	0.058
1078075	Soil	0.8	41.5	54.7	136	0.8	35.3	16.5	828	4.02	22.6	1.7	6.9	5.6	22	0.3	10.5	0.5	13	0.12	0.045
1078073	Soil	0.9	29.1	34.9	72	0.1	20.5	10.7	494	2.95	9.9	1.6	3.9	4.0	8	<0.1	5.2	0.4	21	0.04	0.053
1078076	Soil	0.7	41.8	55.1	143	0.8	36.0	16.6	809	4.11	23.1	1.7	7.0	5.9	22	0.3	10.7	0.6	14	0.13	0.045
1078091	Soil	7.7	22.7	43.8	153	<0.1	26.6	14.0	1818	3.18	10.0	1.1	9.7	7.0	48	0.3	1.7	0.6	51	0.29	0.123
1078074	Soil	0.6	45.4	32.7	102	0.1	33.1	15.7	580	3.38	10.4	2.3	2.9	15.1	16	<0.1	4.6	0.5	8	0.09	0.042
1078072	Soil	1.0	22.8	18.6	70	<0.1	23.2	8.3	315	2.39	10.6	0.9	8.7	4.9	12	0.2	1.7	0.3	34	0.14	0.065
1078071	Soil	1.0	26.3	19.8	73	<0.1	24.0	11.8	485	2.72	11.8	1.3	3.3	4.0	9	0.1	1.9	0.3	32	0.07	0.056
1078094	Soil	2.6	13.6	16.7	56	<0.1	14.9	6.6	512	2.34	9.8	0.7	7.4	1.6	18	<0.1	0.8	0.3	49	0.12	0.044
1078092	Soil	5.6	26.4	34.5	120	0.1	33.6	13.8	1150	3.33	11.0	1.1	5.4	6.3	45	0.3	1.7	0.4	64	0.25	0.094
1078093	Soil	2.6	15.1	19.8	67	<0.1	15.9	6.7	494	2.40	10.7	0.8	7.8	2.0	36	0.2	1.0	0.3	48	0.22	0.055
1078090	Soil	2.6	21.1	43.0	113	0.1	27.0	10.3	2107	4.03	14.8	2.9	10.5	6.5	115	0.5	2.4	0.3	55	0.54	0.225
1078089	Soil	2.3	39.0	15.7	110	0.1	39.6	15.9	1037	3.61	11.6	1.5	9.0	9.6	52	0.5	1.8	0.2	50	0.32	0.128
1078087	Soil	1.2	24.7	9.9	52	<0.1	17.9	9.2	322	2.62	11.2	0.7	2.2	2.0	9	<0.1	0.8	0.2	45	0.11	0.043
1078084	Soil	1.1	29.8	23.3	68	<0.1	22.5	11.4	448	2.79	15.0	0.8	6.9	1.5	11	0.3	6.1	0.2	47	0.11	0.058
1078088	Soil	1.3	18.4	13.8	53	<0.1	17.5	11.3	484	2.66	10.7	0.7	2.4	1.7	16	0.1	1.6	0.2	60	0.13	0.057
1078086	Soil	1.0	26.7	10.5	63	<0.1	20.6	11.5	459	2.63	11.1	0.7	3.1	2.4	10	0.2	0.9	0.2	42	0.12	0.050
1078085	Soil	0.8	23.8	14.9	55	<0.1	20.0	10.4	377	2.51	10.8	0.7	2.3	1.4	16	0.1	1.8	0.2	42	0.18	0.050
1099049	Soil	0.9	26.2	10.5	55	<0.1	23.4	10.2	369	2.51	15.9	1.0	3.3	3.8	13	<0.1	0.8	0.2	41	0.13	0.049
1110893	Soil	1.0	33.8	12.9	64	<0.1	23.6	10.4	299	2.72	16.0	1.4	1.8	5.8	13	0.1	0.8	0.2	41	0.12	0.044
1110894	Soil	1.0	28.0	14.0	67	<0.1	23.5	12.1	315	2.96	12.2	1.3	2.2	6.2	11	<0.1	0.7	0.2	36	0.09	0.051
1050893	Soil	1.1	43.9	23.6	72	0.6	69.9	33.2	1189	5.30	43.0	2.3	10.0	17.1	30	<0.1	6.4	0.6	9	0.03	0.034
1099038	Soil	0.7	20.1	15.1	53	<0.1	21.3	8.9	325	2.01	29.6	0.8	1.8	4.1	9	0.1	0.6	0.2	31	0.12	0.044

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 29, 2011

CERTIFICATE OF ANALYSIS DAW11000267.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078081	Soil		18	23	0.42	77	0.035	1	1.01	0.004	0.06	0.2	0.03	1.5	<0.1	<0.05	3	0.6	<0.2
1078083	Soil		15	24	0.38	70	0.023	1	1.16	0.003	0.04	0.2	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1078082	Soil		15	24	0.37	72	0.030	1	1.33	0.003	0.05	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1078080	Soil		15	24	0.34	70	0.023	<1	1.27	0.003	0.04	0.2	0.04	1.6	<0.1	<0.05	4	0.5	<0.2
1078095	Soil		25	26	0.32	125	0.025	1	1.03	0.003	0.05	0.3	0.04	1.5	0.1	<0.05	4	<0.5	<0.2
1078079	Soil		15	24	0.36	94	0.026	1	1.47	0.003	0.04	0.3	0.04	1.9	<0.1	<0.05	4	0.7	<0.2
1078077	Soil		29	16	0.22	90	0.008	1	0.99	0.005	0.11	0.1	0.10	1.0	0.2	<0.05	3	0.6	<0.2
1078078	Soil		16	24	0.38	101	0.028	1	1.36	0.004	0.05	0.2	0.03	2.0	<0.1	<0.05	4	0.6	<0.2
1078075	Soil		36	12	0.18	52	0.002	<1	0.82	0.004	0.13	<0.1	0.05	1.4	0.1	<0.05	2	<0.5	<0.2
1078073	Soil		32	13	0.26	53	0.006	<1	1.08	0.003	0.11	0.1	0.02	0.7	0.1	<0.05	3	<0.5	<0.2
1078076	Soil		37	11	0.19	54	0.001	1	0.90	0.003	0.13	<0.1	0.05	1.4	0.1	<0.05	2	<0.5	<0.2
1078091	Soil		126	28	0.42	148	0.055	2	1.28	0.005	0.11	0.3	0.04	2.8	0.1	<0.05	3	0.5	<0.2
1078074	Soil		49	9	0.31	46	0.002	1	0.86	0.003	0.13	<0.1	0.02	1.2	<0.1	<0.05	2	<0.5	<0.2
1078072	Soil		22	20	0.34	72	0.032	1	1.11	0.004	0.07	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1078071	Soil		24	23	0.39	80	0.018	1	1.37	0.004	0.06	0.2	0.04	1.7	<0.1	<0.05	4	0.5	<0.2
1078094	Soil		29	28	0.34	129	0.031	1	1.11	0.004	0.07	0.2	0.03	1.5	0.1	<0.05	4	0.6	<0.2
1078092	Soil		90	42	0.54	263	0.073	1	1.39	0.006	0.18	0.2	0.04	3.9	0.2	<0.05	5	<0.5	<0.2
1078093	Soil		39	25	0.38	164	0.035	2	1.21	0.005	0.08	0.2	0.03	1.9	0.1	<0.05	5	<0.5	<0.2
1078090	Soil		44	37	0.41	265	0.046	1	1.19	0.006	0.09	0.6	0.03	2.7	<0.1	<0.05	4	0.7	<0.2
1078089	Soil		40	39	0.46	142	0.056	1	1.12	0.005	0.15	0.3	0.02	3.5	0.2	<0.05	4	0.7	<0.2
1078087	Soil		15	27	0.41	94	0.028	1	1.44	0.004	0.04	0.2	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1078084	Soil		18	30	0.45	93	0.029	<1	1.46	0.004	0.06	0.2	0.02	1.9	0.1	<0.05	4	0.7	<0.2
1078088	Soil		24	30	0.48	138	0.042	1	1.46	0.004	0.10	0.2	0.04	2.1	0.2	<0.05	5	<0.5	<0.2
1078086	Soil		15	26	0.45	98	0.030	1	1.44	0.004	0.05	0.2	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1078085	Soil		17	26	0.41	98	0.026	1	1.38	0.004	0.06	0.2	0.04	1.7	<0.1	<0.05	4	0.8	<0.2
1099049	Soil		24	24	0.35	169	0.034	<1	1.25	0.005	0.06	0.1	0.02	2.9	0.1	<0.05	4	0.5	<0.2
1110893	Soil		25	24	0.44	196	0.032	2	1.44	0.005	0.06	0.2	0.03	3.4	<0.1	<0.05	4	0.5	<0.2
1110894	Soil		28	25	0.38	121	0.027	<1	1.32	0.004	0.06	0.1	0.03	2.3	0.1	<0.05	4	0.6	<0.2
1050893	Soil		43	8	0.04	61	<0.001	<1	0.39	0.003	0.06	<0.1	0.03	2.3	0.2	<0.05	1	0.6	<0.2
1099038	Soil		23	20	0.33	112	0.026	<1	1.18	0.003	0.04	0.1	0.01	1.4	<0.1	<0.05	4	0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 29, 2011

CERTIFICATE OF ANALYSIS DAW11000267.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1099040	Soil	0.7	30.6	10.3	44	0.2	19.2	12.8	452	2.18	75.6	1.3	4.6	5.2	12	<0.1	0.7	0.2	36	0.14	0.043
1099037	Soil	0.5	16.5	10.8	44	<0.1	15.0	5.5	179	1.96	32.5	0.8	2.3	2.9	8	<0.1	0.6	0.2	29	0.08	0.041
1099041	Soil	0.7	18.3	12.4	51	<0.1	20.2	8.3	245	1.97	35.6	0.7	2.9	3.8	11	0.2	0.6	0.2	35	0.14	0.059
1099042	Soil	0.9	15.8	18.3	48	<0.1	19.4	10.5	312	2.46	37.7	0.7	2.8	5.9	8	0.2	0.7	0.2	39	0.08	0.031
1099039	Soil	0.5	16.1	9.7	41	<0.1	15.7	5.7	178	1.85	26.8	0.7	2.2	3.2	10	<0.1	0.5	0.1	33	0.13	0.045
1099043	Soil	0.7	13.5	8.4	43	<0.1	16.5	8.0	257	2.07	12.6	0.6	0.8	3.7	10	<0.1	0.6	0.1	35	0.12	0.045
1099046	Soil	0.6	28.4	9.6	55	0.1	22.3	8.3	240	2.24	12.9	1.1	1.1	3.3	12	<0.1	0.6	0.2	34	0.14	0.056
1050898	Soil	1.1	35.1	14.9	67	<0.1	26.6	12.4	266	3.44	18.7	1.8	1.1	5.9	11	0.2	0.7	0.3	40	0.08	0.028
1099044	Soil	0.8	11.5	16.1	37	<0.1	13.1	5.7	183	2.68	24.2	0.7	<0.5	1.3	6	<0.1	0.5	0.2	47	0.07	0.042
1099048	Soil	0.9	20.2	15.1	47	<0.1	19.8	9.8	271	3.06	18.9	0.9	<0.5	4.3	7	<0.1	1.0	0.2	27	0.07	0.040
1099047	Soil	0.9	23.3	13.0	62	<0.1	22.5	10.9	446	3.03	17.6	1.0	2.3	2.2	12	0.2	0.8	0.2	37	0.13	0.063
1050895	Soil	1.3	25.3	15.7	54	0.1	25.9	11.1	189	3.12	19.5	0.8	0.8	6.8	11	0.1	0.7	0.2	38	0.07	0.031
1050897	Soil	1.1	31.5	14.9	52	0.1	19.2	7.9	175	3.39	19.0	1.3	1.7	6.2	11	0.1	0.7	0.3	44	0.06	0.023
1050900	Soil	1.2	48.2	24.2	89	0.1	30.1	14.3	106	3.85	11.6	1.5	3.3	9.7	6	<0.1	0.6	0.5	12	0.01	0.034
1099045	Soil	0.6	19.5	11.1	54	<0.1	18.1	7.7	242	2.30	14.0	0.7	1.5	1.4	12	0.2	0.6	0.2	33	0.14	0.056
1050892	Soil	1.0	14.9	12.1	46	<0.1	15.0	6.0	159	2.55	18.4	0.9	4.3	4.2	8	0.2	0.6	0.2	42	0.08	0.038
1050896	Soil	1.1	23.6	12.4	43	0.1	14.0	6.5	167	3.18	12.3	1.0	3.3	5.1	8	<0.1	0.6	0.2	44	0.05	0.023
1050899	Soil	1.1	33.0	14.3	62	<0.1	24.4	11.1	231	3.25	16.4	1.6	11.6	5.5	11	0.1	0.7	0.2	34	0.08	0.028
1099050	Soil	0.8	26.1	14.2	57	<0.1	18.7	8.7	301	3.09	15.6	1.2	2.8	5.9	8	<0.1	0.8	0.2	35	0.09	0.048
1050894	Soil	1.2	22.0	16.4	49	0.1	15.5	7.2	186	3.35	14.7	0.8	0.5	8.8	7	0.1	0.7	0.3	39	0.06	0.029
1050891	Soil	0.9	13.1	12.7	45	<0.1	14.7	5.8	184	2.76	12.6	0.8	1.3	4.1	8	<0.1	0.5	0.2	41	0.08	0.043
1110899	Soil	0.8	25.1	11.1	56	<0.1	21.2	9.5	306	2.29	11.7	1.1	2.5	4.7	9	0.2	0.7	0.2	34	0.08	0.037
1110896	Soil	0.8	21.4	10.1	53	<0.1	17.4	6.5	202	2.17	10.5	0.8	2.5	4.4	10	0.1	0.5	0.1	31	0.11	0.044
1110900	Soil	0.7	19.5	12.4	50	<0.1	16.3	7.7	216	2.68	12.5	1.0	2.6	3.2	7	<0.1	0.5	0.2	33	0.08	0.049
1110898	Soil	1.1	21.5	14.2	54	<0.1	18.4	8.3	182	2.98	12.4	1.1	2.6	6.5	7	0.2	0.6	0.2	38	0.07	0.034
1110897	Soil	1.0	16.0	12.7	45	<0.1	14.2	5.7	142	2.37	10.9	0.8	2.5	1.7	8	<0.1	0.5	0.2	34	0.08	0.043
1110895	Soil	0.9	22.0	13.8	57	<0.1	20.5	8.1	191	2.86	10.0	1.1	0.6	3.0	8	<0.1	0.6	0.2	31	0.09	0.047
1110892	Soil	1.2	25.6	14.9	47	<0.1	14.9	5.3	138	3.22	12.1	0.9	4.1	2.6	7	<0.1	0.5	0.2	28	0.07	0.044
1149680	Soil	4.8	18.4	19.5	70	<0.1	45.1	11.3	686	3.41	10.3	0.8	4.7	4.4	30	<0.1	0.8	0.2	65	0.22	0.066
1149681	Soil	1.2	14.4	11.9	48	<0.1	15.3	5.3	242	1.82	8.4	0.8	7.6	1.0	24	0.2	0.6	0.2	33	0.24	0.055

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1099040	Soil	20	21	0.34	206	0.034	1	1.15	0.005	0.05	0.2	0.07	3.6	<0.1	<0.05	3	0.6	<0.2
1099037	Soil	24	17	0.26	87	0.019	<1	0.97	0.003	0.04	0.1	0.03	1.3	0.1	<0.05	3	<0.5	<0.2
1099041	Soil	16	20	0.30	89	0.032	1	1.13	0.004	0.04	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1099042	Soil	22	23	0.31	100	0.028	1	1.36	0.003	0.06	0.2	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
1099039	Soil	18	20	0.29	95	0.025	<1	0.99	0.003	0.04	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1099043	Soil	14	19	0.31	91	0.031	<1	1.15	0.003	0.04	0.2	0.03	1.7	<0.1	<0.05	3	0.5	<0.2
1099046	Soil	19	23	0.37	166	0.034	2	1.19	0.006	0.03	0.2	0.03	2.6	<0.1	<0.05	3	0.7	<0.2
1050898	Soil	17	28	0.43	146	0.030	1	1.46	0.007	0.04	0.2	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
1099044	Soil	19	19	0.26	73	0.019	<1	1.21	0.003	0.03	<0.1	0.01	1.1	<0.1	<0.05	5	1.0	<0.2
1099048	Soil	33	18	0.21	96	0.013	<1	1.14	0.003	0.04	<0.1	0.01	1.4	<0.1	<0.05	4	0.5	<0.2
1099047	Soil	19	26	0.35	164	0.027	<1	1.40	0.005	0.04	0.1	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1050895	Soil	18	25	0.37	95	0.029	2	1.75	0.005	0.04	0.2	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1050897	Soil	18	26	0.39	120	0.029	2	1.69	0.005	0.04	0.2	0.03	2.1	<0.1	<0.05	5	<0.5	<0.2
1050900	Soil	36	12	0.02	32	0.001	<1	0.44	0.003	0.03	<0.1	0.02	0.8	<0.1	<0.05	2	<0.5	<0.2
1099045	Soil	16	20	0.29	138	0.017	<1	1.13	0.004	0.03	0.2	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1050892	Soil	17	24	0.32	107	0.032	<1	1.36	0.005	0.03	0.2	0.04	2.1	<0.1	<0.05	4	0.6	<0.2
1050896	Soil	14	23	0.31	107	0.022	<1	1.64	0.004	0.03	0.2	0.03	1.9	<0.1	<0.05	5	<0.5	<0.2
1050899	Soil	17	26	0.39	134	0.033	1	1.44	0.006	0.04	0.1	0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
1099050	Soil	27	19	0.32	134	0.019	1	1.17	0.004	0.04	0.1	0.02	2.3	<0.1	<0.05	3	0.7	<0.2
1050894	Soil	24	24	0.35	97	0.031	<1	1.50	0.004	0.04	0.2	0.03	1.7	<0.1	<0.05	5	1.1	<0.2
1050891	Soil	16	23	0.29	87	0.030	1	1.28	0.004	0.04	0.2	0.04	1.8	<0.1	<0.05	5	<0.5	<0.2
1110899	Soil	18	22	0.39	153	0.029	<1	1.20	0.005	0.05	0.1	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1110896	Soil	20	20	0.35	126	0.033	<1	1.04	0.005	0.03	0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1110900	Soil	20	21	0.30	93	0.026	1	1.26	0.004	0.04	0.2	0.03	1.5	<0.1	<0.05	4	0.7	<0.2
1110898	Soil	21	25	0.34	121	0.028	<1	1.41	0.004	0.04	0.1	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2
1110897	Soil	20	24	0.34	95	0.021	<1	1.21	0.004	0.04	0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1110895	Soil	24	25	0.35	84	0.024	<1	1.20	0.004	0.03	0.2	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1110892	Soil	22	20	0.35	73	0.012	<1	1.27	0.004	0.03	<0.1	<0.01	1.1	<0.1	<0.05	4	<0.5	<0.2
1149680	Soil	20	46	0.64	168	0.063	<1	1.47	0.005	0.18	0.2	0.04	3.7	0.2	0.06	5	<0.5	<0.2
1149681	Soil	15	18	0.29	191	0.024	1	0.89	0.005	0.04	0.2	0.04	1.4	<0.1	0.05	3	<0.5	<0.2

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600 - 666 Burrard St.
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Project: MHR
Report Date: September 29, 2011

CERTIFICATE OF ANALYSIS DAW11000267.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1149570	Soil	0.9	23.2	14.1	58	<0.1	22.8	10.0	262	3.09	10.9	1.2	1.7	3.1	11	0.2	1.0	0.2	39	0.10	0.053
1149688	Soil	1.3	29.4	14.6	100	<0.1	33.2	16.9	761	4.61	8.2	1.2	11.9	7.9	59	0.3	1.6	0.2	78	0.40	0.134
1149569	Soil	1.4	26.7	111.7	118	0.6	25.2	11.5	560	3.64	31.2	1.9	69.3	7.5	37	0.5	8.0	0.6	29	0.18	0.068
1149686	Soil	1.2	20.9	19.0	67	<0.1	23.2	10.5	577	3.13	11.8	0.9	17.5	2.6	25	0.3	0.7	0.3	39	0.19	0.066
1149687	Soil	0.9	14.5	21.9	54	0.1	14.8	6.6	321	2.02	7.9	0.7	3.0	1.5	37	0.2	1.0	0.3	37	0.26	0.056
1149682	Soil	1.6	11.3	11.7	53	<0.1	14.5	7.3	428	2.26	9.8	0.6	2.9	1.3	41	0.2	0.7	0.2	35	0.30	0.052
1149683	Soil	1.6	24.5	22.2	82	<0.1	31.3	14.9	819	4.02	12.7	1.1	3.5	2.4	41	0.1	1.1	0.3	47	0.35	0.073
1149685	Soil	1.5	51.8	41.4	130	0.2	45.1	21.7	1436	5.38	8.5	1.6	5.2	8.6	62	0.3	0.8	0.5	97	0.50	0.086
1149684	Soil	2.0	33.5	32.8	89	0.2	36.2	18.3	789	4.47	20.7	1.5	8.2	9.8	44	0.3	2.3	0.4	54	0.34	0.074
1149679	Soil	2.7	4.7	9.5	19	<0.1	4.4	1.5	78	0.87	3.4	0.4	1.9	0.2	6	0.1	0.3	0.2	27	0.05	0.030
1149576	Soil	1.2	19.3	39.7	71	<0.1	18.8	7.8	305	2.86	12.0	0.6	9.5	2.5	13	0.2	4.6	0.2	46	0.15	0.053
1149574	Soil	0.7	19.8	16.0	53	<0.1	19.9	9.4	165	2.60	7.2	1.0	5.0	6.2	8	0.1	0.7	0.2	21	0.08	0.042
1149575	Soil	0.9	23.3	20.1	58	<0.1	18.2	7.7	163	2.94	9.8	1.5	4.8	3.8	12	0.1	1.2	0.4	35	0.08	0.043
1149573	Soil	0.8	20.7	17.8	58	<0.1	21.0	10.4	193	2.61	7.7	1.1	3.0	6.8	10	0.1	0.9	0.3	26	0.08	0.043
1149577	Soil	1.4	23.1	114.5	126	0.1	29.8	11.3	595	3.00	26.3	0.7	6.7	3.8	23	1.0	19.6	0.3	41	0.18	0.075
1149581	Soil	1.2	13.9	16.2	53	<0.1	14.4	6.5	297	2.14	9.1	0.7	1.7	1.1	15	0.3	1.4	0.2	41	0.15	0.057
1149571	Soil	1.2	22.1	19.7	62	<0.1	20.0	8.2	259	2.92	8.2	1.2	2.0	2.2	11	<0.1	0.9	0.4	36	0.07	0.056
1149578	Soil	2.3	36.6	56.4	101	0.2	26.3	13.3	676	3.51	35.0	0.8	4.0	4.4	31	0.5	16.9	0.6	29	0.11	0.072
1149580	Soil	1.1	15.8	14.7	52	<0.1	20.1	7.4	264	2.36	9.7	0.7	3.4	2.5	13	0.2	3.6	0.2	38	0.11	0.052
1149572	Soil	1.4	16.4	20.1	45	<0.1	13.5	5.2	175	3.96	10.9	1.0	4.6	2.9	9	<0.1	1.3	0.5	61	0.04	0.039
1149579	Soil	1.1	12.0	17.0	43	<0.1	12.3	6.3	300	1.76	7.4	0.6	5.0	0.9	11	0.2	2.5	0.2	32	0.12	0.055
1145787	Soil	0.8	31.7	21.0	71	<0.1	23.8	10.8	263	3.28	9.0	1.8	3.3	9.7	13	0.1	0.8	0.3	24	0.06	0.037
1145788	Soil	1.2	41.0	29.2	85	0.1	36.9	15.3	473	3.77	6.3	2.5	3.1	13.4	20	0.1	1.2	0.5	19	0.07	0.036
1145786	Soil	0.8	29.2	18.8	66	0.1	24.4	9.2	275	2.86	6.6	1.7	11.5	8.3	22	<0.1	0.9	0.3	23	0.23	0.045
1145789	Soil	1.1	40.0	29.4	82	0.1	35.6	15.6	450	3.59	6.6	2.3	2.7	13.3	19	0.2	1.0	0.4	20	0.07	0.034
1145790	Soil	0.6	24.5	18.7	57	<0.1	22.8	10.0	228	2.57	7.4	1.3	13.7	7.5	13	<0.1	0.6	0.3	23	0.08	0.032
1037431	Soil	0.7	18.5	18.1	55	<0.1	17.6	7.1	211	2.26	5.6	1.2	5.6	5.9	13	0.1	0.4	0.3	22	0.10	0.040
1037433	Soil	1.1	25.0	10.8	70	0.1	23.4	9.3	322	2.26	9.1	0.9	1.8	3.6	24	0.3	0.8	0.2	39	0.27	0.071
1037432	Soil	0.7	32.0	26.6	80	0.1	29.2	13.4	269	2.88	5.9	1.7	2.3	12.7	19	0.2	1.0	0.3	28	0.22	0.056
1145773	Soil	0.9	43.6	36.9	90	0.2	48.1	23.0	807	4.29	11.2	1.7	2.0	10.6	73	0.3	3.0	0.4	67	0.83	0.089

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Project: MHR
Report Date: September 29, 2011

CERTIFICATE OF ANALYSIS DAW11000267.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1149570	Soil	18	24	0.42	85	0.023	1	1.51	0.004	0.04	0.2	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1149688	Soil	34	47	0.99	271	0.145	<1	1.61	0.006	0.40	0.2	0.04	4.5	0.4	<0.05	6	<0.5	<0.2
1149569	Soil	25	21	0.29	98	0.034	1	0.77	0.010	0.12	0.2	0.03	2.0	0.2	0.14	3	<0.5	<0.2
1149686	Soil	20	25	0.39	131	0.034	<1	1.17	0.005	0.09	0.4	0.03	1.9	0.1	0.07	4	<0.5	<0.2
1149687	Soil	18	21	0.27	110	0.028	1	0.82	0.005	0.07	0.3	0.03	1.5	0.1	0.08	4	<0.5	<0.2
1149682	Soil	13	20	0.32	120	0.019	2	0.96	0.004	0.04	0.2	0.04	1.3	<0.1	0.07	3	<0.5	<0.2
1149683	Soil	20	39	0.53	235	0.030	<1	1.49	0.006	0.09	0.2	0.04	2.9	0.1	0.06	5	<0.5	<0.2
1149685	Soil	39	50	1.24	270	0.115	<1	2.15	0.006	0.44	0.2	0.04	6.6	0.6	0.07	9	0.6	<0.2
1149684	Soil	23	42	0.61	227	0.058	1	1.51	0.007	0.15	0.2	0.05	5.1	0.2	0.07	5	<0.5	<0.2
1149679	Soil	16	12	0.12	36	0.014	1	0.55	0.004	0.03	0.2	0.04	0.6	<0.1	0.07	4	<0.5	<0.2
1149576	Soil	17	31	0.43	127	0.035	<1	1.05	0.004	0.06	0.2	0.04	2.2	<0.1	0.05	4	<0.5	<0.2
1149574	Soil	18	18	0.35	42	0.020	<1	1.32	0.003	0.03	0.2	0.06	1.5	<0.1	0.07	3	<0.5	<0.2
1149575	Soil	25	23	0.43	89	0.012	<1	1.57	0.004	0.04	0.1	0.03	1.3	<0.1	<0.05	5	0.6	<0.2
1149573	Soil	19	19	0.41	48	0.019	<1	1.32	0.004	0.03	0.2	0.03	1.4	<0.1	<0.05	3	0.5	<0.2
1149577	Soil	18	36	0.47	122	0.021	1	1.09	0.006	0.07	0.1	0.02	2.7	0.1	<0.05	4	<0.5	<0.2
1149581	Soil	15	22	0.33	111	0.024	<1	1.03	0.005	0.05	0.3	0.04	1.3	0.1	<0.05	4	<0.5	<0.2
1149571	Soil	22	20	0.37	44	0.020	1	1.02	0.005	0.04	0.2	0.01	1.0	<0.1	<0.05	4	<0.5	<0.2
1149578	Soil	15	18	0.28	88	0.008	2	0.89	0.008	0.06	0.2	0.03	2.1	<0.1	0.06	3	<0.5	0.2
1149580	Soil	19	28	0.39	93	0.024	<1	1.17	0.005	0.06	0.1	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1149572	Soil	21	20	0.24	34	0.030	1	1.05	0.004	0.03	0.2	0.03	0.9	<0.1	<0.05	7	<0.5	<0.2
1149579	Soil	13	20	0.27	88	0.013	<1	0.90	0.004	0.05	0.2	0.05	1.2	0.1	0.07	4	<0.5	<0.2
1145787	Soil	28	20	0.57	95	0.010	<1	1.44	0.005	0.03	0.1	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
1145788	Soil	32	21	0.73	83	0.016	<1	1.62	0.005	0.04	<0.1	0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
1145786	Soil	26	21	0.56	150	0.010	<1	1.27	0.005	0.03	0.2	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1145789	Soil	33	21	0.69	90	0.009	<1	1.52	0.005	0.03	<0.1	0.01	1.6	<0.1	<0.05	4	<0.5	<0.2
1145790	Soil	27	19	0.50	74	0.011	<1	1.22	0.004	0.02	0.2	0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
1037431	Soil	24	26	0.46	93	0.011	<1	1.19	0.004	0.03	0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1037433	Soil	14	23	0.48	257	0.032	<1	1.18	0.009	0.04	0.2	0.03	2.9	<0.1	<0.05	3	<0.5	<0.2
1037432	Soil	33	25	0.53	160	0.031	<1	1.30	0.010	0.10	0.2	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1145773	Soil	38	50	1.19	117	0.035	1	1.87	0.006	0.13	0.1	0.04	5.3	0.2	<0.05	6	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1145784	Soil	1.0	33.7	28.7	75	0.1	22.7	12.7	392	3.46	6.6	1.9	1.2	15.5	17	<0.1	2.7	0.4	17	0.09	0.042
1145783	Soil	1.7	36.3	76.2	110	0.3	35.1	19.8	556	3.67	10.7	2.0	5.3	17.1	23	0.9	8.2	0.5	18	0.06	0.044
1145782	Soil	0.8	24.0	20.6	59	<0.1	20.0	10.2	284	2.70	7.9	1.3	1.7	8.5	10	<0.1	1.3	0.3	24	0.05	0.034
1145781	Soil	1.0	25.1	25.3	56	0.2	17.9	6.3	189	2.81	7.4	1.7	2.5	5.3	11	0.2	1.1	0.4	26	0.05	0.037
1145780	Soil	0.9	30.2	23.5	59	0.1	22.8	8.9	217	2.78	10.4	1.9	1.3	7.7	14	0.1	1.5	0.3	26	0.06	0.029
1145779	Soil	0.8	28.8	18.3	65	<0.1	26.5	8.6	238	2.71	8.7	1.5	2.6	7.5	16	0.2	0.9	0.3	29	0.13	0.040
1145785	Soil	1.0	20.3	35.5	65	<0.1	16.6	7.1	251	3.04	10.5	0.9	2.6	8.1	11	0.1	4.8	0.3	35	0.08	0.033
1145777	Soil	1.0	20.3	22.3	63	<0.1	22.7	10.4	546	2.41	10.7	1.1	2.3	5.6	29	0.1	4.7	0.2	31	0.24	0.048
1145776	Soil	0.9	26.0	16.4	66	<0.1	28.0	11.3	435	2.61	9.1	1.1	3.4	7.0	16	0.1	2.2	0.2	32	0.10	0.041
1145778	Soil	1.1	38.2	61.2	73	0.3	28.5	14.0	412	3.33	10.4	2.4	1.3	10.6	16	0.3	2.3	0.5	19	0.08	0.043
1145775	Soil	0.9	13.2	9.8	44	<0.1	15.0	5.0	153	1.61	7.0	0.5	2.3	1.1	15	0.1	0.9	0.2	41	0.13	0.040
1145774	Soil	0.9	27.6	25.6	62	<0.1	24.9	10.9	387	2.67	9.4	1.0	2.9	6.2	24	0.1	1.4	0.3	36	0.26	0.042
1145772	Soil	1.2	18.6	29.6	57	<0.1	18.7	23.5	1722	2.52	7.8	1.3	4.0	2.9	21	0.2	1.4	0.3	23	0.14	0.056
1145771	Soil	2.1	37.4	44.2	107	<0.1	40.5	17.2	1282	3.84	12.3	1.1	5.2	24.1	31	0.2	1.4	0.2	86	0.23	0.081
1151163	Soil	15.7	38.9	117.3	235	0.4	34.7	18.2	2721	5.40	12.3	1.5	11.2	14.9	145	0.2	5.2	1.0	127	0.53	0.101
1151159	Soil	1.7	17.8	16.8	80	<0.1	20.7	9.4	698	2.92	10.8	1.2	9.0	5.1	44	0.3	1.1	0.3	67	0.23	0.071
1151161	Soil	6.4	18.9	316.9	338	0.9	17.6	16.4	5514	8.48	156.7	9.8	25.9	17.5	599	4.0	38.8	0.2	67	2.05	0.513
1151157	Soil	2.6	19.5	34.2	81	<0.1	23.0	9.4	709	2.77	11.0	1.1	3.9	7.5	23	0.4	1.8	0.4	50	0.20	0.076
1151155	Soil	3.2	24.8	67.1	117	0.3	38.3	14.5	1030	3.42	64.9	1.0	16.5	7.2	33	0.7	13.1	0.3	52	0.20	0.065
1151158	Soil	3.0	22.9	10.5	115	0.1	16.1	14.0	1071	5.50	8.5	1.0	19.3	4.9	139	0.3	1.1	0.2	64	0.78	0.182
1151156	Soil	10.0	15.3	26.8	87	<0.1	23.6	11.9	873	3.78	13.6	1.3	2.1	5.3	33	0.2	4.5	0.5	72	0.22	0.051
1151154	Soil	0.6	98.1	22.9	97	0.1	60.3	31.0	1075	5.89	17.0	0.7	3.5	4.5	38	0.6	7.1	<0.1	122	0.32	0.054
1151162	Soil	26.8	19.2	124.0	246	0.2	18.9	12.0	3584	4.72	40.3	1.1	2.7	13.9	137	0.6	4.0	1.2	86	0.86	0.093
1151160	Soil	2.5	14.1	22.7	84	0.1	20.0	7.9	1907	3.53	13.2	1.3	2.1	5.4	98	0.3	3.0	0.2	67	0.39	0.098
1151152	Soil	1.6	35.0	34.4	106	<0.1	30.3	14.2	566	5.12	11.8	0.7	2.1	3.9	17	0.4	2.5	0.2	131	0.08	0.069
1151153	Soil	1.8	22.7	50.7	162	<0.1	24.8	11.0	584	2.99	9.6	2.5	2.2	2.9	100	0.3	1.4	0.2	60	0.47	0.064
1151143	Soil	0.9	15.7	19.9	50	<0.1	14.0	7.4	348	2.60	11.0	0.7	1.2	2.1	7	0.1	0.6	0.3	33	0.06	0.044
1151142	Soil	1.0	12.6	14.3	42	<0.1	12.3	6.7	256	2.36	10.5	0.6	4.0	1.1	7	<0.1	0.6	0.2	36	0.07	0.041
1151145	Soil	0.5	21.2	17.0	65	<0.1	21.6	9.7	309	1.98	9.3	0.9	3.6	5.3	13	0.2	0.6	0.2	23	0.15	0.071
1151147	Soil	1.0	21.3	15.3	62	<0.1	20.2	7.7	263	2.56	10.2	1.1	2.5	2.1	10	0.2	1.0	0.2	42	0.09	0.054

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 29, 2011

CERTIFICATE OF ANALYSIS DAW11000267.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1145784	Soil		41	19	0.64	53	0.008	<1	1.45	0.005	0.04	<0.1	<0.01	1.4	<0.1	<0.05	4	<0.5	<0.2
1145783	Soil		42	18	0.63	80	0.009	19	1.41	0.005	0.05	<0.1	<0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
1145782	Soil		32	19	0.51	75	0.010	<1	1.43	0.003	0.03	0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1145781	Soil		29	18	0.46	62	0.008	<1	1.30	0.004	0.03	0.2	0.03	1.1	<0.1	<0.05	4	<0.5	0.2
1145780	Soil		29	20	0.46	84	0.011	<1	1.35	0.005	0.03	0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1145779	Soil		29	23	0.53	131	0.018	<1	1.36	0.004	0.04	0.2	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
1145785	Soil		23	22	0.47	71	0.015	<1	1.57	0.005	0.04	0.2	0.02	1.9	<0.1	<0.05	5	<0.5	<0.2
1145777	Soil		24	26	0.43	145	0.019	<1	1.32	0.005	0.05	0.1	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1145776	Soil		28	30	0.47	130	0.029	<1	1.27	0.005	0.06	0.2	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
1145778	Soil		39	17	0.51	45	0.007	<1	1.40	0.004	0.04	<0.1	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1145775	Soil		14	24	0.35	121	0.022	1	1.03	0.007	0.04	0.3	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1145774	Soil		24	27	0.51	184	0.021	<1	1.42	0.006	0.07	0.2	0.03	2.7	0.1	<0.05	4	0.7	<0.2
1145772	Soil		27	21	0.47	114	0.009	1	1.23	0.006	0.06	<0.1	0.02	1.4	0.1	<0.05	4	<0.5	<0.2
1145771	Soil		29	68	1.08	232	0.117	<1	1.80	0.005	0.39	0.3	0.01	5.9	0.4	<0.05	7	<0.5	<0.2
1151163	Soil		445	72	1.55	814	0.183	2	1.98	0.010	0.57	0.2	0.06	10.1	0.4	<0.05	8	0.5	0.4
1151159	Soil		28	32	0.54	155	0.059	1	1.49	0.007	0.12	0.2	0.03	3.3	0.1	<0.05	5	<0.5	<0.2
1151161	Soil		112	33	0.47	383	0.034	3	0.97	0.009	0.11	0.4	0.08	2.7	0.2	0.26	5	1.6	0.7
1151157	Soil		42	25	0.45	154	0.061	1	1.15	0.006	0.13	0.3	0.01	2.9	0.1	<0.05	4	<0.5	<0.2
1151155	Soil		43	47	0.59	139	0.059	2	1.30	0.006	0.12	0.2	0.02	5.0	0.1	<0.05	4	<0.5	<0.2
1151158	Soil		24	18	1.17	525	0.233	<1	1.95	0.010	0.90	0.5	0.03	6.4	0.7	0.07	9	0.7	<0.2
1151156	Soil		59	43	0.77	176	0.067	2	1.73	0.006	0.14	0.3	0.02	4.0	0.2	0.06	7	<0.5	0.2
1151154	Soil		16	80	1.87	182	0.077	<1	2.80	0.003	0.22	0.1	0.02	5.6	0.2	<0.05	8	<0.5	<0.2
1151162	Soil		146	39	0.80	291	0.059	2	1.13	0.007	0.37	0.2	0.02	4.6	0.3	0.11	6	0.7	0.2
1151160	Soil		34	34	0.45	213	0.045	1	1.13	0.007	0.07	0.3	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
1151152	Soil		26	61	0.92	112	0.122	2	1.82	0.006	0.29	0.1	0.02	6.3	0.3	0.11	8	<0.5	<0.2
1151153	Soil		21	34	0.58	118	0.049	2	1.35	0.008	0.11	0.2	0.04	4.0	0.1	<0.05	4	0.7	<0.2
1151143	Soil		15	21	0.28	51	0.020	<1	1.05	0.004	0.05	0.2	0.01	1.4	0.1	<0.05	4	<0.5	<0.2
1151142	Soil		15	23	0.26	66	0.018	<1	1.26	0.003	0.04	0.2	0.03	1.5	0.1	<0.05	4	0.6	<0.2
1151145	Soil		20	17	0.31	55	0.025	<1	0.87	0.007	0.07	0.3	0.02	1.5	<0.1	<0.05	2	<0.5	<0.2
1151147	Soil		17	28	0.39	86	0.024	<1	1.36	0.005	0.06	0.3	0.05	2.0	0.1	<0.05	5	<0.5	<0.2

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600 - 666 Burrard St.
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Project: MHR
Report Date: September 29, 2011

CERTIFICATE OF ANALYSIS DAW11000267.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151149	Soil	1.4	61.8	34.9	89	<0.1	31.9	22.8	1604	5.03	5.8	1.5	2.5	3.8	11	0.4	1.7	0.5	14	0.03	0.093
1151151	Soil	0.8	25.4	13.1	63	<0.1	20.3	9.6	380	2.53	11.1	0.7	5.9	2.1	8	0.1	1.1	0.2	38	0.08	0.046
1151148	Soil	0.9	20.1	12.5	54	<0.1	19.8	7.3	237	2.52	9.4	0.8	2.3	2.3	8	<0.1	1.2	0.2	36	0.08	0.046
1151144	Soil	0.7	18.4	14.2	52	<0.1	16.2	6.5	237	2.26	9.5	0.8	1.0	2.4	7	0.1	0.7	0.2	35	0.07	0.041
1151150	Soil	0.8	13.9	13.8	41	0.1	13.2	6.3	253	2.13	7.9	0.5	1.3	1.6	7	0.1	1.0	0.2	35	0.06	0.028
1151140	Soil	0.9	21.1	11.9	68	<0.1	24.0	8.4	353	2.06	9.6	0.7	0.7	3.8	12	0.4	1.4	0.1	26	0.18	0.082
1151146	Soil	0.8	23.8	12.6	63	<0.1	22.9	10.6	357	2.21	9.7	1.0	1.7	3.5	11	0.2	1.5	0.2	30	0.13	0.070
1151141	Soil	0.9	8.2	13.0	36	<0.1	9.3	3.9	135	1.83	9.3	0.5	1.2	0.6	6	<0.1	0.6	0.2	39	0.05	0.046
1099270	Soil	0.9	33.9	16.5	106	0.1	28.6	10.8	476	2.66	14.7	1.1	4.2	3.2	10	0.7	0.6	0.3	40	0.12	0.058
1099268	Soil	0.8	39.5	22.4	91	0.1	93.8	20.4	860	3.77	13.0	0.7	1.7	2.6	15	0.6	0.4	0.2	68	0.17	0.089
1099260	Soil	1.2	32.0	13.0	63	<0.1	31.6	14.4	412	2.78	9.9	0.7	2.7	11.4	12	0.1	0.4	0.5	22	0.05	0.034
1099262	Soil	0.8	39.1	16.3	72	<0.1	30.2	14.1	380	3.10	10.6	1.4	2.3	10.4	8	<0.1	0.4	0.3	28	0.09	0.056
1099264	Soil	0.8	33.0	40.4	74	<0.1	32.2	20.0	1465	3.19	13.1	1.2	10.0	4.2	8	0.3	0.4	0.4	22	0.07	0.061
1099266	Soil	0.8	40.2	16.0	79	0.2	86.1	18.5	647	3.59	18.5	1.0	1.2	4.4	19	0.4	0.5	0.2	58	0.22	0.089
1099267	Soil	0.8	35.4	23.7	225	0.3	54.6	14.3	666	3.24	22.7	1.0	2.1	4.8	12	1.2	0.6	0.3	45	0.13	0.068
1099258	Soil	0.8	27.5	16.1	49	0.1	26.3	9.6	492	2.37	9.8	0.5	1.9	3.3	10	0.2	0.6	0.2	36	0.10	0.035
1099256	Soil	<0.1	95.7	23.3	65	<0.1	35.5	15.8	1144	2.90	<0.5	0.7	0.6	27.0	16	<0.1	<0.1	0.5	18	0.20	0.038
1099271	Soil	0.8	28.0	14.8	78	0.2	23.3	9.8	333	2.66	27.9	1.1	5.0	2.9	9	0.3	0.8	0.2	39	0.10	0.055
1099274	Soil	0.5	27.9	25.2	75	0.2	28.5	11.2	559	2.69	44.1	0.8	5.3	7.3	11	0.1	4.8	0.3	29	0.15	0.044
1099273	Soil	0.7	23.7	17.3	60	0.1	25.0	9.9	435	2.37	26.3	0.8	4.6	3.0	10	0.3	1.0	0.2	32	0.12	0.052
1099265	Soil	0.6	24.8	17.6	104	0.4	58.3	25.8	1078	5.05	59.3	1.5	5.3	16.0	12	0.3	1.2	0.2	27	0.18	0.078
1099263	Soil	0.9	22.7	32.6	78	0.2	23.5	12.5	369	2.64	12.4	0.7	3.0	4.7	9	0.4	0.7	0.2	35	0.10	0.047
1099261	Soil	0.8	34.0	22.0	59	<0.1	41.0	16.3	436	2.89	6.8	0.7	1.8	9.8	9	<0.1	0.4	0.3	30	0.12	0.053
1099259	Soil	0.5	56.8	24.6	73	<0.1	155.1	35.9	774	3.66	26.6	0.7	0.6	8.4	12	<0.1	0.4	0.2	50	0.21	0.079
1099272	Soil	0.6	23.5	12.5	65	0.1	21.0	8.1	295	2.19	54.5	0.8	5.3	2.6	8	0.3	1.1	0.2	31	0.10	0.056
1099269	Soil	0.9	47.6	41.8	156	0.6	56.9	19.3	887	3.31	44.1	1.6	6.6	10.2	15	1.3	1.4	0.3	35	0.20	0.076
1099254	Soil	0.6	27.4	153.9	143	1.1	24.1	12.8	490	3.00	9.4	1.0	1.7	6.3	10	1.1	0.9	0.3	30	0.06	0.038
1099252	Soil	1.0	44.9	134.8	91	0.6	17.3	8.0	345	2.43	10.8	1.7	1.8	6.8	6	0.3	0.6	0.3	21	0.03	0.039
1099255	Soil	0.4	45.1	12.2	84	0.3	33.6	15.2	847	2.87	11.2	1.3	5.8	11.0	10	0.2	0.4	0.2	24	0.09	0.043
1098085	Soil	0.8	45.5	10.3	53	<0.1	19.5	8.4	468	2.25	9.9	0.7	5.4	2.0	8	0.2	0.6	0.2	35	0.09	0.044

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151149	Soil	42	13	0.19	67	0.004	<1	0.77	0.003	0.11	<0.1	0.01	0.7	0.1	<0.05	3	<0.5	<0.2
1151151	Soil	15	28	0.39	85	0.028	<1	1.42	0.003	0.05	0.2	0.03	2.4	<0.1	<0.05	4	0.6	<0.2
1151148	Soil	18	29	0.39	75	0.025	<1	1.27	0.005	0.06	0.2	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1151144	Soil	18	23	0.30	69	0.027	<1	1.22	0.003	0.06	0.2	0.05	1.7	0.1	<0.05	4	0.5	<0.2
1151150	Soil	15	18	0.23	85	0.021	2	0.92	0.004	0.08	0.1	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1151140	Soil	15	20	0.30	58	0.029	1	0.87	0.004	0.05	0.3	0.03	1.7	<0.1	<0.05	2	0.8	<0.2
1151146	Soil	20	22	0.33	65	0.029	<1	1.01	0.004	0.06	0.3	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1151141	Soil	14	18	0.18	56	0.020	1	0.82	0.004	0.05	0.2	0.05	0.9	0.1	<0.05	5	0.9	<0.2
1099270	Soil	27	34	0.58	94	0.029	<1	1.52	0.004	0.05	0.2	0.03	2.7	<0.1	<0.05	5	0.6	<0.2
1099268	Soil	23	125	1.70	107	0.033	<1	2.19	0.003	0.05	0.1	0.03	4.8	0.1	<0.05	7	<0.5	<0.2
1099260	Soil	28	19	0.61	70	0.010	<1	1.35	0.003	0.04	0.1	0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
1099262	Soil	45	27	0.53	94	0.012	<1	1.56	0.003	0.04	0.1	0.02	2.7	<0.1	<0.05	4	0.6	<0.2
1099264	Soil	28	25	0.50	53	0.009	<1	1.36	0.003	0.03	<0.1	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1099266	Soil	23	104	1.42	94	0.029	<1	2.09	0.004	0.05	0.2	0.04	4.0	0.1	<0.05	6	0.6	<0.2
1099267	Soil	28	64	0.92	137	0.017	<1	1.86	0.004	0.04	0.2	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1099258	Soil	15	30	0.42	87	0.028	1	1.23	0.004	0.04	0.2	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1099256	Soil	98	22	0.66	26	0.034	<1	1.05	0.002	0.02	<0.1	<0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
1099271	Soil	26	29	0.50	88	0.025	2	1.47	0.004	0.05	0.2	0.03	2.2	0.1	<0.05	4	0.5	<0.2
1099274	Soil	29	22	0.36	147	0.022	2	1.30	0.004	0.05	0.2	0.02	3.0	0.1	<0.05	3	<0.5	<0.2
1099273	Soil	25	21	0.33	97	0.024	<1	1.22	0.004	0.05	0.2	0.05	2.5	0.1	<0.05	3	0.5	<0.2
1099265	Soil	49	42	0.84	63	0.005	<1	1.83	0.002	0.04	<0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
1099263	Soil	18	24	0.42	88	0.023	1	1.52	0.004	0.04	0.2	0.04	2.0	0.1	<0.05	4	<0.5	<0.2
1099261	Soil	40	43	0.77	81	0.016	<1	1.70	0.003	0.07	<0.1	0.03	2.5	0.1	<0.05	5	0.5	<0.2
1099259	Soil	25	183	1.86	47	0.046	<1	2.24	0.002	0.03	<0.1	0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
1099272	Soil	20	21	0.31	64	0.020	<1	1.16	0.003	0.04	0.2	0.04	1.8	<0.1	<0.05	3	<0.5	<0.2
1099269	Soil	39	46	0.72	94	0.028	1	1.32	0.004	0.05	0.2	0.03	3.3	<0.1	<0.05	4	<0.5	<0.2
1099254	Soil	32	22	0.31	80	0.027	2	1.10	0.004	0.04	0.1	0.04	1.8	0.2	<0.05	3	<0.5	<0.2
1099252	Soil	41	19	0.22	49	0.007	<1	0.97	0.003	0.04	<0.1	0.04	1.5	0.1	<0.05	3	0.6	<0.2
1099255	Soil	45	20	0.56	75	0.011	<1	1.41	0.003	0.03	<0.1	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1098085	Soil	17	22	0.32	79	0.022	<1	1.17	0.004	0.03	0.2	0.05	1.4	<0.1	<0.05	3	0.7	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 29, 2011

CERTIFICATE OF ANALYSIS DAW11000267.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098081	Soil		0.8	41.0	60.7	131	0.3	42.2	20.6	799	3.83	40.2	0.6	2.9	10.5	5	0.5	0.8	0.3	29	0.04	0.030
1098083	Soil		0.9	42.9	14.4	65	<0.1	32.5	21.1	793	3.41	16.1	0.9	4.4	8.5	7	0.2	0.6	0.2	38	0.06	0.030
1098079	Soil		1.4	43.6	90.2	108	0.8	22.6	11.0	369	2.84	15.6	2.0	4.7	3.5	9	1.0	1.0	0.4	33	0.09	0.067
1099257	Soil		<0.1	99.4	26.6	66	<0.1	33.2	15.1	1333	2.73	<0.5	0.9	0.8	26.3	19	<0.1	<0.1	0.6	16	0.22	0.042
1099253	Soil		0.6	46.2	1437	243	8.2	25.9	14.1	753	2.84	19.5	1.2	18.7	10.0	11	0.9	6.1	0.2	20	0.13	0.068
1099251	Soil		0.9	26.3	11.0	59	<0.1	18.1	9.9	824	2.40	6.7	0.8	1.8	2.6	8	0.4	0.5	0.3	29	0.08	0.052
1098084	Soil		1.4	34.7	19.8	69	<0.1	27.8	15.4	938	3.17	10.2	0.9	17.7	8.2	8	0.2	0.7	0.3	32	0.06	0.031
1098082	Soil		0.8	38.7	41.0	107	0.4	39.1	14.9	1336	3.26	21.1	1.5	10.9	12.4	7	0.6	1.4	0.3	20	0.03	0.030
1098080	Soil		0.9	33.2	41.4	114	0.3	33.9	10.1	452	2.89	16.8	0.9	5.1	2.9	7	0.9	0.9	0.3	28	0.07	0.058
1079589	Soil		1.2	22.8	37.0	55	0.3	18.7	6.9	268	2.34	106.5	1.4	59.2	4.2	12	0.2	7.7	0.3	32	0.14	0.067
1079605	Soil		0.8	28.6	78.7	120	1.0	26.6	9.5	216	2.54	206.8	1.5	45.9	8.2	11	1.1	13.7	0.3	22	0.11	0.059
1079600	Soil		0.9	21.8	20.9	56	0.2	16.6	6.1	190	2.35	19.1	1.3	3.9	2.2	10	0.2	2.2	0.3	35	0.11	0.058
1079609	Soil		0.8	19.2	14.6	57	0.2	19.5	6.8	280	2.08	36.2	1.1	8.5	2.5	7	0.3	2.9	0.2	25	0.08	0.051
1079610	Soil		0.9	19.9	15.2	58	0.2	20.0	7.2	286	2.18	36.9	1.1	4.3	2.4	8	0.3	2.9	0.2	27	0.09	0.054
1079601	Soil		0.9	19.8	13.6	56	0.1	17.5	6.1	189	2.32	18.6	1.2	4.7	2.4	11	0.2	1.7	0.2	34	0.12	0.062
1079607	Soil		1.0	25.7	17.3	66	0.3	21.3	7.6	310	2.47	45.1	1.6	16.3	4.4	11	0.3	4.9	0.3	34	0.11	0.054
1079608	Soil		0.8	14.8	11.8	51	<0.1	14.4	6.8	257	1.95	28.3	0.9	4.1	2.5	8	0.2	2.7	0.2	31	0.09	0.049
1079606	Soil		0.8	24.3	14.6	61	0.3	20.0	7.6	249	2.26	42.0	1.3	4.6	4.9	12	0.3	2.5	0.2	34	0.14	0.061
1079587	Soil		1.0	11.9	46.5	18	0.3	4.2	1.4	64	0.99	102.8	3.2	10.5	10.1	26	0.1	2.8	0.1	6	0.25	0.016
1079591	Soil		1.1	20.9	17.7	55	0.3	17.6	6.5	225	2.42	40.7	1.1	25.4	1.9	9	0.2	2.6	0.3	40	0.11	0.066
1079593	Soil		1.0	22.9	15.1	58	0.2	18.5	6.6	240	2.55	21.8	1.4	12.9	4.3	11	0.2	3.0	0.2	39	0.14	0.071
1079592	Soil		1.3	23.9	20.3	70	0.3	19.5	7.4	276	2.91	34.4	1.4	8.2	1.8	11	0.2	3.6	0.3	40	0.12	0.078
1079595	Soil		1.0	17.2	11.0	54	0.1	16.3	6.0	224	2.17	12.8	0.9	11.7	2.0	9	0.2	1.4	0.2	37	0.10	0.050
1079594	Soil		0.8	18.8	12.9	54	0.2	15.2	5.9	207	2.20	15.1	1.1	9.1	3.6	9	0.2	2.2	0.2	33	0.11	0.056
1079597	Soil		0.9	17.0	19.1	51	<0.1	13.6	4.9	165	2.25	13.3	0.9	13.6	2.0	8	0.1	1.3	0.2	31	0.09	0.050
1079590	Soil		1.2	19.5	20.1	58	0.3	17.7	7.0	265	2.54	50.6	1.0	24.2	2.0	9	0.2	3.6	0.2	39	0.09	0.053
1079596	Soil		1.0	17.4	16.1	57	0.1	15.1	6.0	203	2.43	13.1	1.0	2.0	2.2	9	0.1	1.3	0.2	35	0.09	0.050
1079598	Soil		0.9	16.7	19.4	50	<0.1	13.8	4.9	167	2.29	13.2	0.9	9.5	1.8	8	0.1	1.4	0.2	34	0.09	0.049
1079602	Soil		1.0	15.0	13.8	46	0.1	12.8	4.4	135	2.14	15.1	1.0	6.8	1.2	8	0.1	1.2	0.2	34	0.08	0.057
1079588	Soil		1.3	22.5	27.9	63	0.3	18.0	6.9	272	2.87	81.4	1.1	21.3	4.0	12	0.3	11.4	0.2	33	0.12	0.067

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Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 29, 2011

CERTIFICATE OF ANALYSIS DAW11000267.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098081	Soil	34	32	0.69	65	0.010	1	2.05	0.003	0.04	<0.1	0.05	2.1	<0.1	<0.05	6	0.7	<0.2
1098083	Soil	29	26	0.44	88	0.021	<1	1.69	0.005	0.04	0.2	0.04	2.2	<0.1	<0.05	5	<0.5	<0.2
1098079	Soil	28	22	0.40	101	0.019	2	1.52	0.004	0.04	0.2	0.06	2.2	0.1	0.05	4	0.5	<0.2
1099257	Soil	111	18	0.66	31	0.026	<1	1.09	0.003	0.02	<0.1	<0.01	1.6	<0.1	<0.05	3	<0.5	<0.2
1099253	Soil	27	15	0.39	38	0.019	2	1.06	0.004	0.04	0.1	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
1099251	Soil	21	18	0.31	55	0.015	1	1.02	0.003	0.02	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1098084	Soil	25	23	0.45	88	0.024	1	1.59	0.004	0.05	0.2	0.04	1.9	<0.1	<0.05	5	<0.5	<0.2
1098082	Soil	45	14	0.25	70	0.013	1	1.06	0.003	0.03	<0.1	0.06	1.6	0.1	<0.05	3	<0.5	<0.2
1098080	Soil	25	19	0.36	77	0.014	2	1.48	0.004	0.03	0.1	0.05	1.4	0.1	<0.05	4	<0.5	<0.2
1079589	Soil	25	18	0.28	110	0.025	2	0.98	0.004	0.05	0.6	0.32	1.8	0.2	<0.05	3	0.5	<0.2
1079605	Soil	29	13	0.24	104	0.017	2	0.75	0.004	0.05	0.3	0.04	2.4	<0.1	<0.05	2	<0.5	<0.2
1079600	Soil	20	24	0.37	152	0.023	1	1.19	0.005	0.04	0.3	0.04	1.9	0.1	<0.05	4	<0.5	<0.2
1079609	Soil	21	18	0.29	71	0.018	<1	0.97	0.003	0.04	0.2	0.05	1.2	<0.1	<0.05	3	<0.5	<0.2
1079610	Soil	23	18	0.30	71	0.020	1	1.04	0.004	0.04	0.2	0.06	1.3	<0.1	<0.05	3	<0.5	<0.2
1079601	Soil	21	24	0.38	125	0.029	1	1.15	0.005	0.04	0.3	0.04	1.8	0.1	<0.05	3	<0.5	<0.2
1079607	Soil	26	21	0.35	273	0.027	2	1.18	0.005	0.05	0.4	0.06	2.8	0.1	<0.05	4	<0.5	<0.2
1079608	Soil	21	18	0.30	118	0.026	1	1.03	0.004	0.04	0.3	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1079606	Soil	22	19	0.33	260	0.033	2	1.00	0.005	0.04	0.5	0.05	2.4	<0.1	<0.05	3	<0.5	<0.2
1079587	Soil	10	4	0.18	237	0.002	<1	0.69	0.003	0.06	<0.1	0.17	0.7	0.3	0.05	2	<0.5	<0.2
1079591	Soil	16	23	0.37	135	0.027	1	1.36	0.004	0.05	0.4	0.15	2.0	0.2	<0.05	4	<0.5	<0.2
1079593	Soil	24	22	0.34	125	0.027	2	1.00	0.004	0.04	0.7	0.13	2.0	0.2	<0.05	4	<0.5	<0.2
1079592	Soil	21	25	0.38	174	0.023	1	1.38	0.006	0.05	0.4	0.13	1.6	0.3	<0.05	5	<0.5	<0.2
1079595	Soil	18	21	0.31	108	0.027	1	1.07	0.004	0.04	0.4	0.06	1.5	0.1	<0.05	4	<0.5	<0.2
1079594	Soil	21	20	0.33	89	0.025	1	1.07	0.004	0.04	0.5	0.12	1.5	0.2	<0.05	3	<0.5	<0.2
1079597	Soil	19	20	0.34	80	0.019	2	1.15	0.004	0.03	0.3	0.05	1.2	0.1	<0.05	4	<0.5	<0.2
1079590	Soil	17	22	0.34	100	0.025	1	1.19	0.005	0.04	0.6	0.15	1.7	0.2	<0.05	4	<0.5	<0.2
1079596	Soil	22	21	0.35	87	0.023	<1	1.17	0.005	0.04	0.3	0.06	1.4	0.1	<0.05	4	<0.5	<0.2
1079598	Soil	21	21	0.35	73	0.023	1	1.21	0.004	0.03	0.3	0.04	1.2	0.1	<0.05	4	<0.5	<0.2
1079602	Soil	16	24	0.34	79	0.018	<1	1.18	0.004	0.03	0.3	0.04	1.3	0.1	<0.05	4	<0.5	<0.2
1079588	Soil	20	18	0.27	85	0.023	<1	1.05	0.004	0.05	0.4	0.19	1.5	0.1	<0.05	4	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1079599	Soil	0.9	21.5	15.1	58	0.2	18.1	8.4	467	2.34	16.4	1.2	2.6	2.9	12	0.2	1.6	0.2	36	0.12	0.055
1079603	Soil	0.9	15.3	14.5	54	0.2	14.4	6.3	255	2.25	30.1	1.0	4.4	1.6	10	0.2	1.6	0.3	35	0.11	0.055
1079604	Soil	1.2	14.9	32.2	60	0.4	15.4	8.2	359	2.60	68.7	0.9	2.9	1.2	8	0.3	6.0	0.3	41	0.07	0.053
1079575	Soil	0.8	37.1	31.4	81	<0.1	24.2	11.9	296	3.54	50.0	2.2	2.7	16.0	10	0.1	1.3	0.3	17	0.04	0.053
1079577	Soil	1.4	43.5	30.0	91	0.2	39.0	20.1	447	4.33	16.3	2.6	3.1	12.0	11	0.2	2.4	0.4	21	0.05	0.060
1079576	Soil	1.7	46.2	37.7	90	<0.1	24.9	14.9	517	4.83	14.4	2.2	3.0	13.1	8	<0.1	2.0	0.5	18	0.03	0.071
1079580	Soil	0.8	17.5	15.1	49	<0.1	16.2	5.9	123	2.37	11.4	0.9	3.2	2.2	7	<0.1	1.5	0.2	24	0.06	0.051
1079579	Soil	0.9	24.2	15.1	62	0.1	22.6	9.5	246	2.55	12.3	1.3	6.1	5.5	10	0.2	1.9	0.2	27	0.10	0.057
1079578	Soil	1.4	47.9	29.3	99	0.2	47.3	22.4	578	4.08	35.2	2.6	7.0	14.1	10	0.2	3.6	0.5	15	0.06	0.050
1079581	Soil	1.0	38.8	17.4	68	0.1	27.9	12.3	254	3.18	18.4	1.4	2.4	4.7	5	0.2	2.5	0.3	25	0.04	0.045
1079582	Soil	0.9	52.2	32.8	67	<0.1	16.4	7.3	162	3.54	13.8	1.8	2.2	16.1	7	0.1	1.5	0.5	13	0.03	0.045
1079583	Soil	0.9	20.9	18.0	49	0.1	14.2	5.8	165	2.53	17.5	1.0	2.8	3.8	6	0.1	2.0	0.3	27	0.05	0.041
1079584	Soil	1.2	41.3	32.9	68	<0.1	19.5	12.3	265	3.86	10.0	1.9	4.0	11.1	11	0.2	2.4	0.4	19	0.06	0.041
1079586	Soil	12.6	22.8	18.5	23	0.2	4.8	1.5	47	2.04	38.1	0.8	56.4	7.4	6	<0.1	8.7	0.3	13	0.01	0.020
1079585	Soil	12.1	22.3	17.7	23	0.2	4.8	1.5	47	2.01	37.7	0.8	47.2	7.5	6	<0.1	8.4	0.3	13	0.02	0.021
1098371	Soil	0.8	17.1	18.1	47	0.1	25.0	9.7	407	2.34	14.4	0.8	2.8	4.0	22	0.2	0.6	0.2	29	0.38	0.050
1098446	Soil	0.7	40.0	14.0	51	<0.1	42.1	11.6	594	2.37	9.4	0.5	3.9	2.5	12	0.2	0.6	0.2	36	0.14	0.059
1098370	Soil	0.7	17.7	15.1	41	<0.1	22.7	9.3	391	2.69	19.9	0.9	7.4	4.5	9	0.1	0.6	0.2	29	0.13	0.047
1098373	Soil	0.8	14.1	13.2	43	<0.1	16.5	7.1	246	2.38	15.8	0.7	2.9	2.5	8	0.2	0.7	0.2	37	0.08	0.040
1098372	Soil	0.7	19.2	20.3	49	0.1	27.0	12.5	864	2.72	14.1	1.0	2.7	5.8	12	0.2	0.5	0.2	29	0.16	0.049
1098375	Soil	0.8	21.7	29.8	65	0.2	20.1	8.5	314	2.48	39.8	0.9	12.5	5.4	14	0.4	0.9	0.2	21	0.06	0.037
1098377	Soil	1.0	18.4	62.6	62	0.1	15.6	6.4	231	2.39	28.0	0.9	34.4	1.5	6	0.5	0.7	0.3	29	0.05	0.037
1098374	Soil	0.8	17.8	38.4	65	<0.1	19.8	9.2	390	2.36	25.0	0.9	7.1	2.6	9	0.5	0.6	0.2	31	0.08	0.048
1098379	Soil	0.7	24.6	76.2	144	0.8	21.7	9.0	356	2.67	45.3	1.4	13.3	4.9	6	1.2	1.2	0.3	23	0.04	0.036
1098355	Soil	0.9	37.0	132.5	150	0.8	38.8	16.5	932	3.09	47.3	1.2	17.2	5.5	10	2.3	1.7	0.4	32	0.09	0.051
1098353	Soil	0.7	32.6	86.4	105	0.4	23.2	9.8	541	2.47	15.4	0.8	5.4	6.9	8	0.7	1.2	0.3	26	0.07	0.033
1098357	Soil	0.8	40.1	236.4	525	0.6	27.6	16.4	1324	2.58	11.7	0.7	3.8	8.7	6	4.7	0.7	0.5	23	0.06	0.035
1098376	Soil	0.9	18.2	172.5	143	0.5	19.8	9.5	519	2.58	39.7	0.9	6.0	2.7	10	1.4	1.1	0.3	28	0.09	0.046
1098378	Soil	0.9	18.1	60.2	62	0.2	15.0	6.1	221	2.26	27.0	0.9	3.6	1.3	6	0.4	0.7	0.2	28	0.04	0.038
1098380	Soil	0.8	15.8	67.7	105	0.2	16.1	7.6	375	2.26	45.8	0.8	6.9	3.3	6	0.9	0.7	0.2	25	0.06	0.037

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 29, 2011

CERTIFICATE OF ANALYSIS DAW11000267.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1079599	Soil		20	23	0.39	200	0.030	<1	1.16	0.005	0.04	0.3	0.05	2.2	0.1	<0.05	4	<0.5	<0.2
1079603	Soil		20	22	0.38	94	0.027	1	1.17	0.005	0.04	0.3	0.04	1.5	0.1	<0.05	4	<0.5	<0.2
1079604	Soil		17	21	0.29	71	0.024	1	1.17	0.005	0.04	0.2	0.05	1.1	0.1	<0.05	5	<0.5	<0.2
1079575	Soil		37	19	0.54	61	0.008	<1	1.45	0.006	0.03	<0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1079577	Soil		42	19	0.42	58	0.011	1	1.38	0.005	0.04	0.1	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1079576	Soil		47	21	0.50	45	0.009	1	1.41	0.005	0.04	<0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1079580	Soil		21	16	0.28	62	0.012	<1	1.14	0.003	0.03	0.2	0.04	1.1	0.1	<0.05	3	<0.5	<0.2
1079579	Soil		24	17	0.33	75	0.022	<1	1.09	0.004	0.04	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1079578	Soil		31	16	0.29	134	0.007	<1	0.94	0.003	0.03	<0.1	0.02	1.8	<0.1	<0.05	3	0.6	<0.2
1079581	Soil		21	16	0.22	77	0.013	<1	0.91	0.003	0.03	0.2	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
1079582	Soil		22	15	0.41	44	0.005	<1	0.98	0.004	0.03	<0.1	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
1079583	Soil		14	17	0.26	60	0.014	<1	0.98	0.003	0.03	0.2	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
1079584	Soil		18	18	0.45	106	0.007	<1	1.38	0.003	0.03	<0.1	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1079586	Soil		38	7	0.06	48	0.006	<1	0.39	0.002	0.05	0.1	0.07	0.7	0.1	<0.05	2	0.8	<0.2
1079585	Soil		38	7	0.06	46	0.006	1	0.39	0.002	0.05	0.1	0.09	0.8	0.1	<0.05	2	0.6	<0.2
1098371	Soil		17	19	0.30	135	0.016	<1	1.15	0.004	0.03	0.2	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1098446	Soil		11	49	0.62	87	0.020	<1	1.18	0.003	0.03	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1098370	Soil		18	18	0.28	133	0.015	<1	1.19	0.004	0.03	0.2	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
1098373	Soil		12	20	0.27	123	0.017	1	1.24	0.004	0.04	0.2	0.04	1.7	0.1	<0.05	4	<0.5	<0.2
1098372	Soil		19	20	0.28	140	0.016	<1	1.15	0.005	0.03	0.2	0.04	2.4	<0.1	<0.05	3	0.5	<0.2
1098375	Soil		15	15	0.26	67	0.013	1	0.84	0.003	0.06	0.2	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1098377	Soil		12	19	0.25	79	0.013	<1	1.13	0.003	0.04	0.2	0.04	1.4	0.1	<0.05	3	<0.5	<0.2
1098374	Soil		13	20	0.29	132	0.016	1	1.23	0.004	0.04	0.2	0.04	1.7	<0.1	<0.05	3	0.7	<0.2
1098379	Soil		17	17	0.28	75	0.008	<1	1.12	0.003	0.04	0.2	0.04	1.8	0.1	<0.05	3	<0.5	<0.2
1098355	Soil		19	32	0.47	84	0.015	<1	1.32	0.003	0.03	0.2	0.05	2.4	<0.1	<0.05	4	<0.5	<0.2
1098353	Soil		19	19	0.43	51	0.021	<1	1.03	0.002	0.03	0.1	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
1098357	Soil		20	18	0.44	70	0.011	<1	1.19	0.005	0.04	<0.1	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1098376	Soil		14	19	0.26	118	0.013	<1	1.08	0.003	0.04	0.2	0.04	1.6	<0.1	<0.05	3	0.5	<0.2
1098378	Soil		11	18	0.24	76	0.011	<1	1.13	0.004	0.04	0.2	0.03	1.2	0.1	<0.05	3	<0.5	<0.2
1098380	Soil		14	16	0.23	66	0.012	3	0.88	0.005	0.03	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2

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Project: MHR
Report Date: September 29, 2011

CERTIFICATE OF ANALYSIS DAW11000267.1

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098351	Soil	0.8	30.9	25.0	61	<0.1	32.8	13.6	420	2.43	27.3	0.8	4.3	3.3	12	0.3	0.6	0.3	31	0.11	0.039
1098354	Soil	1.2	42.0	340.9	216	2.3	30.2	11.7	653	2.98	37.9	1.2	11.3	5.6	11	1.7	2.0	0.3	35	0.11	0.057
1098356	Soil	0.9	32.5	123.2	190	0.5	26.3	12.3	604	2.70	97.1	1.1	26.3	5.5	13	1.8	3.8	0.5	28	0.14	0.071
1098352	Soil	0.9	28.0	39.7	67	0.2	17.7	8.4	415	2.47	13.0	0.6	12.2	2.7	6	0.4	0.7	0.3	32	0.05	0.037
1097400	Soil	0.8	30.4	27.6	63	<0.1	25.4	12.5	371	2.84	17.9	0.9	3.1	6.3	7	0.2	0.6	0.3	30	0.07	0.045
1098449	Soil	0.8	35.4	19.2	57	0.1	27.4	13.7	595	2.61	23.4	1.0	6.8	5.8	8	0.3	0.6	0.3	30	0.07	0.040
1098447	Soil	0.8	52.4	19.0	56	<0.1	55.4	17.0	912	2.99	16.9	0.6	3.1	4.7	12	0.1	0.6	0.2	46	0.13	0.057
1098448	Soil	0.7	32.1	15.5	48	<0.1	61.8	15.3	505	2.92	24.6	0.5	2.2	3.8	10	<0.1	0.5	0.3	45	0.10	0.043
1098360	Soil	0.5	33.9	91.8	479	0.8	37.3	14.4	951	3.54	91.9	1.1	27.6	10.1	22	7.6	3.9	0.4	11	0.55	0.070
1098358	Soil	0.9	47.7	52.6	80	0.4	30.6	15.1	1315	2.63	10.6	1.0	7.8	7.0	12	0.5	0.6	0.3	27	0.10	0.039
1098368	Soil	0.4	28.2	45.3	77	0.2	31.1	14.8	1111	3.46	8.1	1.2	2.6	6.3	58	0.4	0.5	0.4	4	1.68	0.075
1098369	Soil	0.6	33.3	123.7	72	5.3	31.4	15.1	1060	4.26	1459	1.6	95.3	12.0	15	0.7	21.0	2.9	14	0.14	0.031
1098367	Soil	1.0	36.5	45.7	71	0.1	38.9	23.6	793	3.62	75.7	1.2	3.8	15.1	12	0.2	3.8	0.9	21	0.05	0.040
1098366	Soil	0.4	24.4	35.0	46	0.2	27.6	12.7	1003	3.05	10.0	0.9	2.0	5.4	19	0.3	0.4	0.3	7	0.38	0.059
1098365	Soil	0.5	20.9	21.6	56	0.1	22.4	9.8	607	2.52	15.4	0.8	7.0	3.9	53	0.2	0.5	0.3	18	0.90	0.065
1098364	Soil	0.8	30.6	247.8	179	1.5	31.3	13.1	2744	3.21	118.4	1.3	22.6	4.3	43	3.8	1.6	0.3	14	1.10	0.092
1098362	Soil	0.6	53.9	44.2	97	0.5	61.7	27.5	643	5.09	8.4	2.7	3.6	23.7	183	<0.1	0.6	0.9	3	4.56	0.068
1098363	Soil	0.6	51.5	42.2	94	0.4	58.6	27.1	635	5.04	7.6	2.6	2.0	23.9	170	<0.1	0.6	0.9	2	4.22	0.066
1098361	Soil	0.8	20.0	62.3	136	0.2	20.8	9.6	460	2.57	37.1	0.7	16.9	4.8	8	1.0	0.6	0.4	23	0.12	0.032
1098359	Soil	0.6	36.7	161.4	282	1.0	41.0	16.8	742	3.44	191.0	1.2	45.4	12.0	16	4.4	5.2	0.4	8	0.42	0.055
1099165	Soil	1.8	24.8	23.2	76	0.2	27.6	20.6	910	3.26	26.5	1.2	14.0	4.7	11	0.2	2.7	0.3	32	0.07	0.068
1099168	Soil	1.9	25.8	25.7	76	0.4	24.8	10.5	383	2.82	66.0	1.3	9.9	2.9	10	0.2	2.3	0.3	33	0.08	0.063
1099164	Soil	0.9	30.6	17.7	65	0.1	24.3	12.1	332	2.92	21.4	1.6	3.7	8.3	9	0.2	1.4	0.3	20	0.07	0.052
1099182	Soil	0.9	11.8	11.8	42	<0.1	12.3	6.3	255	2.22	12.9	0.7	17.6	0.8	7	0.1	1.2	0.2	36	0.06	0.047
1099180	Soil	0.9	21.1	11.8	55	0.1	16.0	7.0	224	2.24	13.5	1.0	5.6	2.0	9	0.2	1.5	0.2	32	0.11	0.062
1099178	Soil	0.8	19.0	11.3	51	0.1	15.8	7.5	249	2.14	14.2	1.0	3.9	1.4	8	0.2	1.5	0.2	31	0.09	0.059
1099181	Soil	0.9	16.8	11.1	48	<0.1	14.7	6.3	185	2.08	10.7	0.9	2.3	1.7	8	0.1	1.3	0.2	29	0.08	0.052
1099183	Soil	0.9	17.2	10.6	51	<0.1	16.1	6.4	219	2.15	11.3	0.9	1.5	1.4	8	0.2	1.1	0.2	34	0.08	0.053
1099173	Soil	1.1	33.3	17.6	76	0.2	28.0	13.3	344	2.96	20.6	1.3	3.9	6.5	10	0.3	2.6	0.3	24	0.08	0.056
1099176	Soil	0.5	31.9	8.4	61	0.1	21.2	8.2	338	2.06	14.7	0.7	8.4	4.3	13	0.3	0.9	0.1	29	0.16	0.072

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098351	Soil	16	28	0.46	101	0.016	<1	1.07	0.003	0.03	0.2	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1098354	Soil	19	24	0.48	67	0.021	1	1.38	0.004	0.04	0.2	0.06	1.9	<0.1	<0.05	4	<0.5	<0.2
1098356	Soil	18	20	0.42	70	0.022	1	1.12	0.004	0.03	0.3	0.03	1.7	<0.1	<0.05	3	0.6	<0.2
1098352	Soil	15	20	0.35	60	0.018	<1	1.13	0.003	0.03	0.2	0.03	1.4	<0.1	<0.05	4	0.6	<0.2
1097400	Soil	23	24	0.47	81	0.018	<1	1.32	0.003	0.03	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1098449	Soil	26	27	0.46	119	0.016	<1	1.30	0.004	0.04	0.2	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
1098447	Soil	19	63	0.94	100	0.031	<1	1.65	0.003	0.04	0.2	0.04	3.2	<0.1	<0.05	5	<0.5	<0.2
1098448	Soil	16	80	1.00	80	0.026	<1	1.56	0.003	0.03	0.2	0.03	2.5	<0.1	<0.05	5	<0.5	<0.2
1098360	Soil	30	9	0.16	71	0.007	1	0.56	0.003	0.03	0.1	0.04	2.5	<0.1	<0.05	1	<0.5	<0.2
1098358	Soil	21	20	0.40	93	0.015	1	1.22	0.004	0.03	0.1	0.06	1.9	<0.1	<0.05	3	<0.5	<0.2
1098368	Soil	28	7	0.22	42	0.013	1	0.49	0.003	0.03	<0.1	0.03	1.7	<0.1	<0.05	1	<0.5	<0.2
1098369	Soil	31	11	0.14	107	0.006	<1	0.59	0.003	0.05	0.1	0.06	2.1	0.2	<0.05	2	<0.5	<0.2
1098367	Soil	21	18	0.26	72	0.006	<1	1.45	0.003	0.07	0.1	0.03	1.4	0.1	<0.05	3	0.8	<0.2
1098366	Soil	34	7	0.15	60	0.004	1	0.52	0.002	0.03	<0.1	0.03	1.8	<0.1	<0.05	1	<0.5	<0.2
1098365	Soil	23	12	0.24	89	0.009	<1	0.69	0.004	0.02	0.1	0.03	1.9	<0.1	<0.05	2	0.7	<0.2
1098364	Soil	19	10	0.17	131	0.007	<1	0.63	0.003	0.03	0.1	0.05	1.7	<0.1	<0.05	2	0.9	<0.2
1098362	Soil	22	8	0.36	28	0.004	1	0.61	0.003	0.04	<0.1	<0.01	1.9	<0.1	<0.05	2	<0.5	<0.2
1098363	Soil	22	8	0.33	28	0.002	<1	0.55	0.003	0.04	<0.1	<0.01	1.8	<0.1	<0.05	2	<0.5	<0.2
1098361	Soil	19	15	0.30	89	0.009	<1	1.05	0.003	0.03	0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1098359	Soil	32	9	0.19	42	0.005	<1	0.59	0.003	0.03	<0.1	0.03	2.1	<0.1	<0.05	1	<0.5	<0.2
1099165	Soil	20	20	0.38	75	0.016	1	1.16	0.004	0.04	0.2	0.05	1.5	<0.1	<0.05	4	1.1	<0.2
1099168	Soil	15	21	0.33	118	0.014	<1	1.27	0.004	0.04	0.2	0.03	1.8	0.1	<0.05	4	0.6	<0.2
1099164	Soil	22	15	0.35	74	0.013	1	0.95	0.003	0.03	<0.1	0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
1099182	Soil	13	19	0.28	53	0.018	2	1.03	0.003	0.03	0.3	0.04	1.0	<0.1	<0.05	4	<0.5	<0.2
1099180	Soil	15	19	0.31	95	0.018	<1	1.04	0.004	0.03	0.3	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1099178	Soil	14	18	0.30	71	0.019	1	0.96	0.004	0.03	0.3	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1099181	Soil	14	17	0.27	68	0.015	1	0.94	0.003	0.03	0.3	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1099183	Soil	16	20	0.31	92	0.021	2	1.06	0.003	0.03	0.3	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1099173	Soil	17	15	0.30	71	0.019	<1	0.92	0.003	0.03	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1099176	Soil	14	16	0.29	149	0.031	<1	0.76	0.004	0.03	0.3	0.04	2.6	<0.1	<0.05	3	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 29, 2011

CERTIFICATE OF ANALYSIS DAW11000267.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1099175	Soil	0.7	32.5	9.6	66	0.1	22.0	8.7	368	2.30	14.7	0.9	11.8	6.2	16	0.4	1.0	0.2	32	0.19	0.077
1099174	Soil	1.0	27.3	14.6	66	0.2	22.8	8.9	269	2.50	14.7	1.4	4.6	5.3	11	0.2	1.5	0.3	32	0.10	0.051
1099171	Soil	0.9	28.0	16.2	70	0.4	21.0	8.4	221	2.69	17.1	1.6	7.9	10.6	12	0.2	1.5	0.3	23	0.12	0.055
1099179	Soil	1.0	17.8	13.7	53	0.1	15.4	6.6	227	2.40	15.0	1.1	3.6	1.9	12	0.2	2.0	0.2	36	0.11	0.057
1099177	Soil	1.0	22.7	12.2	61	0.1	18.9	7.7	257	2.41	12.5	1.4	6.7	5.3	13	0.1	1.2	0.2	37	0.13	0.055
1099170	Soil	0.9	21.9	12.3	56	0.1	17.9	6.4	197	2.25	16.7	1.0	4.5	4.6	13	0.2	1.4	0.2	32	0.14	0.059
1099167	Soil	1.9	26.6	32.0	79	0.4	26.9	16.3	489	2.91	74.5	1.5	208.5	4.8	14	0.4	3.4	0.3	33	0.10	0.058
1099169	Soil	1.1	22.2	14.0	67	0.2	20.0	8.5	296	2.66	18.7	1.4	4.9	3.4	12	0.2	1.1	0.2	47	0.11	0.052
1099172	Soil	1.0	26.8	17.6	68	0.2	19.6	8.4	256	2.81	15.0	1.3	6.0	4.6	12	0.1	1.4	0.3	33	0.10	0.050
1099163	Soil	1.0	28.7	17.7	66	<0.1	21.5	12.4	302	3.00	11.7	1.5	5.8	8.0	11	0.2	1.6	0.2	28	0.09	0.049
1099166	Soil	1.4	23.6	57.3	44	0.6	20.3	13.7	299	2.11	145.3	1.3	17.5	9.9	17	0.4	10.5	0.4	17	0.08	0.052
1099155	Soil	0.8	22.8	15.2	54	<0.1	17.7	11.3	263	2.64	16.4	1.2	3.9	6.5	10	0.1	0.8	0.3	28	0.08	0.047
1099158	Soil	1.0	30.9	23.3	77	0.2	23.3	10.7	319	3.29	22.7	1.9	4.5	7.1	14	0.2	1.9	0.4	35	0.10	0.060
1099151	Soil	1.2	39.0	229.6	297	0.4	41.4	19.6	209	3.12	291.5	5.2	38.5	17.8	19	1.0	3.3	1.1	10	0.06	0.039
1099162	Soil	1.1	24.0	16.5	67	<0.1	20.2	9.3	315	3.01	15.0	1.3	12.1	4.5	12	0.2	1.1	0.3	39	0.10	0.048
1099152	Soil	1.7	24.5	24.6	53	<0.1	9.7	3.7	140	2.89	12.7	1.2	1.9	4.4	12	<0.1	0.7	0.5	32	0.03	0.056
1099160	Soil	1.3	29.3	21.5	72	0.2	20.6	8.1	279	3.18	18.3	1.7	8.0	4.8	13	0.2	1.5	0.3	39	0.09	0.058
1099154	Soil	0.7	22.7	25.1	53	0.1	18.5	8.1	157	2.52	20.8	1.4	4.1	4.7	7	0.1	1.0	0.3	23	0.06	0.044
1099156	Soil	1.5	21.5	21.2	52	<0.1	14.0	11.0	454	2.79	16.9	1.4	2.1	2.8	13	0.2	0.7	0.3	33	0.08	0.066
1099153	Soil	1.2	47.4	25.7	85	0.1	28.3	13.2	329	4.23	22.8	2.5	5.1	15.2	24	0.1	0.9	0.5	22	0.07	0.054
1099157	Soil	0.9	30.1	18.5	71	0.1	20.3	9.1	246	2.78	18.2	1.8	2.9	9.1	14	0.1	2.0	0.3	24	0.10	0.055
1099159	Soil	1.0	29.2	20.9	69	0.2	21.3	8.3	260	2.92	16.9	1.8	3.6	6.7	15	0.3	1.4	0.3	37	0.13	0.071
1099161	Soil	1.1	27.2	20.6	73	0.1	21.0	12.8	404	3.27	13.3	1.7	3.8	6.8	14	0.2	1.1	0.3	30	0.08	0.054
1099133	Soil	1.1	21.7	20.6	53	<0.1	20.3	10.7	264	2.91	14.5	0.8	2.6	5.9	10	0.2	0.9	0.3	44	0.07	0.032
1099122	Soil	0.8	16.2	12.8	46	<0.1	18.5	8.5	243	2.49	15.5	0.6	1.7	4.1	10	<0.1	0.8	0.2	39	0.09	0.029
1099121	Soil	0.7	26.4	24.9	72	<0.1	26.1	10.7	409	3.51	15.2	0.8	1.3	9.4	9	0.2	0.6	0.3	35	0.09	0.034
1099126	Soil	1.0	19.8	18.5	58	<0.1	20.1	9.6	346	2.86	15.8	0.7	2.1	5.4	9	0.1	0.8	0.2	43	0.08	0.032
1099123	Soil	0.9	23.1	15.0	63	<0.1	24.4	12.2	393	3.03	12.0	1.1	2.1	9.9	12	0.1	0.6	0.2	44	0.13	0.041
1099124	Soil	0.8	21.3	17.6	54	<0.1	23.4	10.5	388	2.57	13.8	0.5	4.0	4.5	4	0.1	0.5	0.2	29	0.04	0.027
1099125	Soil	1.0	25.6	23.7	56	0.1	25.2	10.8	381	2.99	13.9	0.9	4.9	5.2	6	0.2	0.6	0.2	30	0.06	0.044

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Project: MHR
Report Date: September 29, 2011

CERTIFICATE OF ANALYSIS DAW11000267.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1099175	Soil	20	19	0.35	160	0.042	<1	0.89	0.006	0.04	0.3	0.04	2.8	<0.1	<0.05	3	<0.5	<0.2
1099174	Soil	22	20	0.37	116	0.029	1	1.12	0.005	0.04	0.3	0.04	2.1	<0.1	<0.05	3	0.6	<0.2
1099171	Soil	33	16	0.35	112	0.023	<1	0.97	0.005	0.04	0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1099179	Soil	21	23	0.35	93	0.023	1	1.14	0.005	0.04	0.2	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1099177	Soil	23	23	0.40	145	0.039	<1	1.23	0.006	0.05	0.2	0.04	2.4	<0.1	<0.05	4	<0.5	<0.2
1099170	Soil	22	20	0.35	99	0.031	1	1.11	0.005	0.04	0.3	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1099167	Soil	26	23	0.35	115	0.022	<1	1.23	0.005	0.05	0.2	0.03	1.7	<0.1	<0.05	4	0.7	<0.2
1099169	Soil	18	29	0.48	153	0.039	1	1.52	0.006	0.05	0.2	0.04	2.6	0.1	<0.05	5	0.6	<0.2
1099172	Soil	23	21	0.36	103	0.022	<1	1.24	0.005	0.05	0.2	0.04	1.9	<0.1	<0.05	4	0.5	<0.2
1099163	Soil	30	21	0.43	77	0.022	<1	1.24	0.005	0.04	0.2	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1099166	Soil	40	15	0.18	75	0.013	<1	0.67	0.004	0.08	0.1	0.02	1.7	0.1	0.07	2	0.8	<0.2
1099155	Soil	25	20	0.42	65	0.019	1	1.39	0.005	0.04	0.1	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1099158	Soil	28	23	0.41	116	0.021	<1	1.29	0.005	0.04	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1099151	Soil	43	9	0.21	116	0.005	<1	0.85	0.004	0.05	0.1	0.02	1.4	<0.1	<0.05	2	0.6	<0.2
1099162	Soil	22	24	0.44	91	0.030	2	1.35	0.005	0.05	0.3	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1099152	Soil	38	20	0.38	36	0.013	<1	1.08	0.005	0.04	<0.1	0.04	0.8	<0.1	<0.05	6	<0.5	<0.2
1099160	Soil	23	26	0.43	112	0.020	<1	1.35	0.006	0.04	0.3	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
1099154	Soil	31	17	0.35	63	0.012	<1	1.29	0.004	0.04	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1099156	Soil	34	21	0.39	67	0.019	<1	1.26	0.006	0.05	0.1	0.04	1.0	<0.1	<0.05	5	<0.5	<0.2
1099153	Soil	45	24	0.73	112	0.012	<1	1.73	0.006	0.04	<0.1	0.02	1.6	<0.1	<0.05	5	<0.5	<0.2
1099157	Soil	36	18	0.43	69	0.023	<1	1.13	0.005	0.04	0.2	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1099159	Soil	28	24	0.42	85	0.031	1	1.24	0.006	0.05	0.4	0.04	1.8	<0.1	<0.05	4	<0.5	<0.2
1099161	Soil	30	24	0.52	124	0.019	<1	1.33	0.006	0.04	0.2	0.04	1.6	<0.1	<0.05	5	<0.5	<0.2
1099133	Soil	22	25	0.34	98	0.031	<1	1.66	0.005	0.05	0.1	0.04	1.9	0.1	<0.05	5	<0.5	<0.2
1099122	Soil	15	23	0.36	104	0.024	<1	1.43	0.006	0.04	0.2	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1099121	Soil	33	28	0.57	86	0.021	<1	1.68	0.004	0.04	0.1	0.03	1.6	<0.1	<0.05	6	<0.5	<0.2
1099126	Soil	19	25	0.37	83	0.033	2	1.49	0.006	0.05	0.2	0.03	1.9	<0.1	<0.05	5	<0.5	<0.2
1099123	Soil	31	48	0.63	109	0.053	1	1.90	0.006	0.07	0.2	0.03	2.6	0.1	<0.05	5	0.6	<0.2
1099124	Soil	13	20	0.33	70	0.014	<1	1.35	0.003	0.03	0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1099125	Soil	17	20	0.34	64	0.015	<1	1.35	0.003	0.03	0.1	0.06	1.2	<0.1	<0.05	4	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1099128	Soil	1.2	12.3	9.5	27	<0.1	8.0	3.1	105	2.04	11.9	0.4	1.8	1.9	4	<0.1	0.7	0.2	44	0.04	0.029
1099127	Soil	1.9	55.5	46.0	63	0.2	24.8	10.6	221	4.28	35.0	1.6	7.3	7.6	8	0.2	2.3	0.9	24	0.04	0.045
1099129	Soil	1.1	26.7	31.2	61	0.1	18.9	10.4	428	2.45	19.4	0.9	1.7	0.7	6	0.2	0.7	0.3	30	0.07	0.057
1099130	Soil	0.7	25.5	20.7	58	<0.1	22.7	10.2	354	2.90	16.0	0.7	1.7	5.2	5	0.1	0.6	0.2	27	0.05	0.034
1099131	Soil	0.6	30.5	17.1	61	<0.1	32.8	12.1	402	2.90	15.5	1.1	1.7	8.2	4	<0.1	0.5	0.2	24	0.03	0.023
1099120	Soil	0.4	24.1	14.6	57	0.1	24.2	9.0	286	2.48	32.4	1.1	2.2	8.9	5	<0.1	1.3	0.2	15	0.04	0.032
1099119	Soil	0.9	47.5	23.7	76	0.2	36.1	18.2	311	4.04	31.6	1.7	1.5	11.4	9	0.1	1.2	0.3	15	0.04	0.050
1099132	Soil	1.4	18.9	213.8	51	0.6	15.9	6.5	215	2.79	168.5	0.8	1.7	3.2	5	0.4	1.3	0.3	40	0.04	0.034
1099111	Soil	0.9	15.6	14.8	51	<0.1	15.2	8.2	238	2.56	20.2	0.9	2.6	2.6	9	0.2	0.7	0.2	29	0.09	0.061
1099115	Soil	1.0	32.0	14.1	56	0.2	23.5	13.2	347	2.66	11.9	1.1	5.4	6.3	8	0.1	0.7	0.2	28	0.07	0.046
1099116	Soil	0.9	20.3	22.7	50	<0.1	16.4	9.5	325	2.44	51.5	0.9	2.5	3.8	7	0.2	0.7	0.2	24	0.05	0.044
1099117	Soil	0.8	23.5	12.5	52	<0.1	20.5	10.4	207	2.57	16.3	0.9	3.0	6.6	7	0.1	0.7	0.2	25	0.05	0.027
1099114	Soil	0.6	14.7	11.8	43	<0.1	13.8	5.9	154	2.03	9.9	0.6	1.0	3.3	7	<0.1	0.6	0.2	27	0.08	0.042
1099118	Soil	1.0	19.8	16.0	48	<0.1	18.3	8.0	191	2.36	12.4	0.7	1.4	3.9	7	0.2	0.7	0.2	28	0.06	0.034
1099139	Soil	1.0	14.3	14.5	48	0.2	16.5	9.8	327	2.46	13.9	0.9	3.0	4.3	8	0.2	0.6	0.2	37	0.08	0.031
1099140	Soil	0.7	9.9	15.6	37	<0.1	14.0	5.9	161	2.43	58.4	0.4	1.0	3.0	6	0.2	0.6	0.1	33	0.06	0.026
1099136	Soil	0.9	7.8	13.8	23	<0.1	7.5	3.6	132	1.88	11.1	0.4	3.4	1.9	5	0.1	0.5	0.2	42	0.05	0.020
1099141	Soil	0.9	10.6	17.4	39	<0.1	13.0	5.7	172	2.62	65.4	0.4	2.4	3.1	6	0.2	0.6	0.2	35	0.06	0.026
1099134	Soil	1.0	19.5	25.4	47	0.2	15.5	8.9	230	2.42	23.5	0.7	2.9	3.0	6	0.2	0.6	0.2	33	0.05	0.030
1099135	Soil	0.8	18.5	14.0	49	0.1	20.4	10.8	326	2.39	15.5	0.5	6.1	3.4	7	0.2	0.6	0.2	29	0.06	0.028
1099137	Soil	0.8	13.3	16.3	38	<0.1	12.8	6.2	242	2.13	13.5	0.5	2.5	1.7	6	<0.1	0.4	0.2	30	0.06	0.038
1099138	Soil	0.7	27.1	35.0	81	0.4	28.7	13.5	366	3.03	40.5	1.1	2.1	9.7	4	0.4	1.2	0.2	20	0.04	0.032
1099110	Soil	1.0	32.2	20.8	61	0.2	18.7	8.8	207	2.90	28.9	1.7	3.9	7.4	7	<0.1	1.1	0.4	19	0.06	0.047
1099113	Soil	0.9	14.9	13.7	47	<0.1	13.2	7.4	271	2.47	10.3	0.8	1.8	3.1	8	0.1	0.5	0.2	28	0.07	0.051
1099112	Soil	1.0	21.8	14.6	56	0.1	18.3	11.3	343	2.53	14.6	1.3	2.6	3.6	10	0.1	0.6	0.2	30	0.09	0.063
1099109	Soil	1.0	38.3	19.5	83	0.1	37.7	16.8	219	2.97	24.6	2.4	4.1	14.6	7	0.2	0.7	0.2	11	0.05	0.035
1098110	Soil	0.6	19.5	18.3	40	<0.1	14.4	7.0	280	1.95	34.7	1.0	4.0	1.1	11	<0.1	0.9	0.2	18	0.12	0.043
1098111	Soil	0.7	15.9	17.9	44	<0.1	12.7	4.6	138	1.87	25.8	0.8	12.5	1.0	8	0.2	0.7	0.2	23	0.06	0.031
1098108	Soil	0.7	28.5	18.5	96	<0.1	30.5	13.5	388	2.51	27.4	1.5	8.0	8.8	6	<0.1	0.9	0.2	6	0.02	0.028
1098115	Soil	0.7	11.7	15.5	46	<0.1	11.4	4.7	182	1.89	37.6	0.5	4.6	2.7	7	0.2	0.7	0.2	27	0.06	0.031

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600 - 666 Burrard St.
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Project: MHR
Report Date: September 29, 2011

CERTIFICATE OF ANALYSIS DAW11000267.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1099128	Soil	10	10	0.08	38	0.028	<1	0.57	0.003	0.02	0.2	0.05	0.6	<0.1	<0.05	5	<0.5	<0.2
1099127	Soil	19	22	0.35	64	0.012	<1	1.65	0.005	0.04	0.1	0.05	1.6	<0.1	<0.05	4	0.6	0.3
1099129	Soil	14	18	0.26	57	0.011	<1	0.91	0.004	0.03	0.1	0.03	0.7	<0.1	<0.05	4	<0.5	<0.2
1099130	Soil	20	23	0.45	65	0.012	<1	1.40	0.003	0.03	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1099131	Soil	21	25	0.48	82	0.011	<1	1.60	0.003	0.02	<0.1	0.03	1.6	<0.1	<0.05	5	<0.5	<0.2
1099120	Soil	29	17	0.39	78	0.005	<1	1.05	0.002	0.02	<0.1	0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
1099119	Soil	25	16	0.39	80	0.006	<1	1.33	0.003	0.03	<0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1099132	Soil	15	17	0.26	51	0.016	<1	1.13	0.003	0.04	0.2	0.04	1.0	<0.1	<0.05	5	0.5	<0.2
1099111	Soil	14	18	0.33	67	0.014	<1	1.18	0.004	0.04	0.2	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
1099115	Soil	14	20	0.38	107	0.017	<1	1.29	0.004	0.04	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1099116	Soil	14	15	0.24	48	0.011	<1	0.94	0.003	0.02	0.1	0.03	0.9	<0.1	<0.05	3	<0.5	<0.2
1099117	Soil	16	19	0.39	84	0.018	<1	1.36	0.003	0.04	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1099114	Soil	11	18	0.31	69	0.018	<1	1.32	0.004	0.03	0.1	0.04	1.5	<0.1	<0.05	3	<0.5	<0.2
1099118	Soil	13	17	0.26	69	0.016	<1	1.04	0.004	0.03	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1099139	Soil	11	25	0.38	103	0.024	<1	1.73	0.005	0.03	0.2	0.06	2.3	0.1	<0.05	4	<0.5	<0.2
1099140	Soil	9	18	0.25	66	0.020	<1	1.13	0.003	0.02	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1099136	Soil	10	12	0.15	65	0.020	<1	0.77	0.003	0.02	0.1	0.04	0.9	<0.1	<0.05	5	<0.5	<0.2
1099141	Soil	9	18	0.25	67	0.020	<1	1.12	0.003	0.02	0.2	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
1099134	Soil	12	18	0.23	62	0.013	<1	1.20	0.004	0.03	0.1	0.05	1.2	<0.1	<0.05	4	<0.5	<0.2
1099135	Soil	10	20	0.33	106	0.016	<1	1.46	0.004	0.03	0.2	0.04	1.5	<0.1	<0.05	3	0.5	<0.2
1099137	Soil	11	15	0.24	52	0.014	<1	0.84	0.003	0.02	0.2	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
1099138	Soil	22	19	0.35	63	0.008	<1	1.52	0.003	0.04	0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1099110	Soil	26	16	0.40	71	0.007	<1	1.15	0.003	0.04	<0.1	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
1099113	Soil	11	19	0.33	61	0.014	<1	1.20	0.004	0.03	0.2	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1099112	Soil	16	19	0.39	126	0.014	<1	1.32	0.004	0.04	0.2	0.05	1.6	<0.1	<0.05	4	<0.5	<0.2
1099109	Soil	39	10	0.24	71	0.004	<1	0.70	0.003	0.03	<0.1	0.01	1.5	<0.1	<0.05	2	<0.5	<0.2
1098110	Soil	19	12	0.18	148	0.008	<1	0.76	0.004	0.04	0.2	0.03	0.8	<0.1	<0.05	2	<0.5	<0.2
1098111	Soil	17	12	0.16	90	0.010	<1	0.68	0.004	0.04	0.2	0.02	0.6	<0.1	<0.05	3	<0.5	<0.2
1098108	Soil	36	6	0.07	40	0.002	<1	0.32	0.002	0.04	<0.1	<0.01	0.8	<0.1	<0.05	1	<0.5	<0.2
1098115	Soil	15	12	0.16	61	0.015	<1	0.59	0.003	0.03	0.3	0.03	0.8	<0.1	<0.05	3	<0.5	<0.2

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Project: MHR
Report Date: September 29, 2011

CERTIFICATE OF ANALYSIS DAW11000267.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098113	Soil	0.5	17.7	12.1	51	<0.1	17.0	7.2	271	1.97	16.5	0.8	2.3	4.7	10	0.1	0.7	0.1	22	0.11	0.049
1098112	Soil	0.7	17.7	13.7	48	<0.1	16.9	6.6	263	1.97	17.7	0.8	4.3	3.7	10	<0.1	0.7	0.2	25	0.12	0.050
1098114	Soil	0.8	13.2	17.7	45	<0.1	14.6	6.7	409	2.04	60.9	0.6	2.5	4.0	6	0.1	0.9	0.2	25	0.05	0.034
1098116	Soil	0.6	12.6	22.9	43	<0.1	12.6	5.6	187	2.33	16.6	0.6	12.4	2.6	9	0.2	0.6	0.2	30	0.10	0.040
1098109	Soil	0.7	23.7	21.3	64	0.1	22.8	10.0	334	2.68	48.4	1.0	7.7	5.9	13	0.1	1.2	0.4	23	0.14	0.055
1096398	Soil	0.6	32.8	39.7	109	<0.1	34.3	16.3	750	3.59	21.4	1.0	5.2	13.5	5	0.6	1.3	0.2	13	0.03	0.025
1096397	Soil	0.8	17.9	30.8	64	<0.1	17.7	8.0	361	2.88	28.2	0.8	6.8	6.8	7	0.2	1.2	0.2	26	0.05	0.030
1096394	Soil	0.8	15.4	30.2	66	<0.1	18.8	9.9	345	2.65	49.8	0.9	68.3	3.6	6	0.4	0.7	0.2	18	0.09	0.055
1098104	Soil	0.8	27.9	17.3	65	<0.1	31.3	13.7	383	3.47	15.2	0.9	3.6	9.8	5	0.1	1.0	0.2	16	0.04	0.023
1098107	Soil	1.0	19.5	25.6	72	<0.1	20.4	10.5	459	3.35	26.5	0.9	4.8	8.8	7	0.1	1.1	0.3	25	0.06	0.040
1098102	Soil	1.1	14.0	20.1	41	<0.1	17.9	9.9	193	3.08	13.2	0.6	5.9	4.2	10	0.1	0.6	0.2	42	0.09	0.035
1096396	Soil	0.7	19.1	15.0	42	<0.1	13.8	5.4	154	1.91	11.6	0.8	6.0	0.9	7	0.2	0.8	0.2	24	0.09	0.043
1098101	Soil	2.3	54.1	125.0	224	1.1	33.5	15.3	1794	3.65	45.1	1.3	10.0	14.2	20	3.1	6.5	0.3	11	0.31	0.063
1098106	Soil	0.6	7.4	17.0	28	<0.1	9.1	3.2	92	1.48	11.7	0.5	4.5	1.2	7	<0.1	0.5	0.2	30	0.07	0.028
1096395	Soil	2.1	22.5	62.2	184	0.8	20.7	10.2	483	2.85	33.3	1.2	30.4	6.2	22	2.2	2.8	0.3	10	0.08	0.040
1098103	Soil	0.9	16.0	19.6	54	<0.1	18.3	8.3	282	3.09	34.0	0.7	5.9	3.8	6	0.1	0.9	0.2	34	0.05	0.024
1098105	Soil	0.7	18.3	21.8	49	<0.1	16.7	7.5	270	2.42	47.4	1.0	4.1	4.2	7	<0.1	0.9	0.2	28	0.08	0.045
1096392	Soil	1.9	69.4	18.2	74	0.2	28.7	20.5	1298	3.82	739.6	1.9	477.1	10.1	16	0.3	1.1	0.5	25	0.09	0.049
1096391	Soil	3.0	37.9	21.1	63	0.2	24.1	21.9	1563	3.62	838.0	1.4	807.2	10.6	17	0.1	1.4	0.5	23	0.12	0.060
1096388	Soil	0.3	28.0	21.9	67	0.3	22.4	13.6	349	3.18	23.2	1.0	5.1	19.0	23	0.1	0.4	0.2	7	0.62	0.033

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098113	Soil	15	15	0.25	93	0.018	<1	0.76	0.004	0.03	0.2	0.02	1.3	<0.1	<0.05	2	<0.5	<0.2
1098112	Soil	16	15	0.26	110	0.017	<1	0.85	0.004	0.03	0.2	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1098114	Soil	17	13	0.11	52	0.013	<1	0.57	0.003	0.03	0.2	0.02	0.8	<0.1	<0.05	3	<0.5	<0.2
1098116	Soil	11	16	0.23	78	0.017	<1	0.85	0.003	0.03	0.3	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1098109	Soil	26	17	0.22	98	0.012	<1	0.78	0.004	0.05	0.1	0.02	1.8	<0.1	<0.05	2	<0.5	<0.2
1096398	Soil	48	14	0.34	72	0.002	2	1.01	0.002	0.06	<0.1	0.02	1.7	0.1	<0.05	3	<0.5	<0.2
1096397	Soil	24	17	0.19	87	0.012	<1	0.96	0.003	0.05	0.1	0.04	1.7	0.1	<0.05	3	0.7	<0.2
1096394	Soil	16	13	0.18	62	0.005	<1	0.79	0.004	0.06	0.2	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1098104	Soil	22	17	0.42	78	0.008	<1	1.63	0.003	0.07	<0.1	0.05	1.7	0.1	<0.05	3	<0.5	<0.2
1098107	Soil	30	14	0.12	49	0.011	<1	0.84	0.003	0.05	<0.1	0.03	1.3	0.1	<0.05	3	<0.5	<0.2
1098102	Soil	13	25	0.32	130	0.023	<1	1.56	0.005	0.04	0.2	<0.01	2.1	0.1	<0.05	5	0.7	<0.2
1096396	Soil	15	17	0.26	54	0.012	<1	0.93	0.003	0.03	0.1	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1098101	Soil	54	10	0.09	109	0.002	1	0.50	0.003	0.05	<0.1	0.03	2.6	0.1	<0.05	2	0.8	<0.2
1098106	Soil	16	16	0.16	50	0.015	1	0.89	0.004	0.03	0.2	0.05	1.2	0.1	<0.05	4	<0.5	<0.2
1096395	Soil	34	11	0.11	64	0.006	1	0.63	0.004	0.06	<0.1	0.02	1.2	0.2	<0.05	2	0.5	<0.2
1098103	Soil	14	20	0.25	59	0.020	<1	0.96	0.003	0.05	0.1	0.01	1.6	0.1	<0.05	4	0.5	<0.2
1098105	Soil	18	19	0.26	94	0.015	1	1.27	0.004	0.04	0.1	0.04	2.1	0.1	<0.05	3	0.7	<0.2
1096392	Soil	28	21	0.45	129	0.017	<1	1.28	0.004	0.05	0.1	0.05	2.4	<0.1	<0.05	4	<0.5	0.2
1096391	Soil	23	20	0.41	82	0.013	<1	1.29	0.004	0.05	0.1	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
1096388	Soil	53	7	0.05	91	0.001	<1	0.38	0.003	0.08	<0.1	0.02	1.7	0.2	<0.05	1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 29, 2011

QUALITY CONTROL REPORT DAW11000267.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1078079	Soil	0.9	19.0	12.3	58	<0.1	17.9	10.0	408	2.53	12.0	0.9	2.3	2.1	8	0.1	1.0	0.2	39	0.07	0.044
REP 1078079	QC	0.9	19.5	12.5	61	<0.1	18.9	10.2	414	2.59	12.1	0.9	3.7	2.3	8	<0.1	1.1	0.2	39	0.07	0.046
1050893	Soil	1.1	43.9	23.6	72	0.6	69.9	33.2	1189	5.30	43.0	2.3	10.0	17.1	30	<0.1	6.4	0.6	9	0.03	0.034
REP 1050893	QC	1.0	40.7	24.5	68	0.6	65.0	29.9	1164	4.94	41.5	2.3	14.8	17.5	30	0.1	6.2	0.7	8	0.03	0.034
1099044	Soil	0.8	11.5	16.1	37	<0.1	13.1	5.7	183	2.68	24.2	0.7	<0.5	1.3	6	<0.1	0.5	0.2	47	0.07	0.042
REP 1099044	QC	0.7	11.7	15.9	37	<0.1	11.8	5.5	174	2.51	23.7	0.6	0.9	1.2	6	<0.1	0.4	0.2	44	0.07	0.042
1149682	Soil	1.6	11.3	11.7	53	<0.1	14.5	7.3	428	2.26	9.8	0.6	2.9	1.3	41	0.2	0.7	0.2	35	0.30	0.052
REP 1149682	QC	1.5	12.0	11.5	51	<0.1	15.0	7.8	419	2.19	9.2	0.6	1.4	1.3	40	<0.1	0.6	0.2	36	0.30	0.051
1149578	Soil	2.3	36.6	56.4	101	0.2	26.3	13.3	676	3.51	35.0	0.8	4.0	4.4	31	0.5	16.9	0.6	29	0.11	0.072
REP 1149578	QC	2.4	36.1	55.8	100	0.2	25.7	12.8	660	3.41	35.5	0.8	4.1	4.1	30	0.4	16.9	0.6	29	0.11	0.071
1037433	Soil	1.1	25.0	10.8	70	0.1	23.4	9.3	322	2.26	9.1	0.9	1.8	3.6	24	0.3	0.8	0.2	39	0.27	0.071
REP 1037433	QC	0.9	26.5	11.0	71	0.1	25.2	10.4	345	2.46	9.8	0.9	1.9	3.8	24	0.4	0.8	0.2	41	0.29	0.074
1151156	Soil	10.0	15.3	26.8	87	<0.1	23.6	11.9	873	3.78	13.6	1.3	2.1	5.3	33	0.2	4.5	0.5	72	0.22	0.051
REP 1151156	QC	10.4	15.8	27.1	89	<0.1	24.1	11.4	904	3.98	14.5	1.3	6.1	5.0	34	0.1	4.5	0.4	70	0.22	0.056
1151151	Soil	0.8	25.4	13.1	63	<0.1	20.3	9.6	380	2.53	11.1	0.7	5.9	2.1	8	0.1	1.1	0.2	38	0.08	0.046
REP 1151151	QC	0.9	25.9	13.1	66	<0.1	20.8	9.9	391	2.62	11.6	0.8	3.7	2.0	9	0.2	1.1	0.2	39	0.08	0.049
1099255	Soil	0.4	45.1	12.2	84	0.3	33.6	15.2	847	2.87	11.2	1.3	5.8	11.0	10	0.2	0.4	0.2	24	0.09	0.043
REP 1099255	QC	0.5	44.2	12.3	80	0.3	34.4	15.6	841	2.84	11.1	1.3	12.9	11.1	9	0.1	0.5	0.3	23	0.09	0.042
1079609	Soil	0.8	19.2	14.6	57	0.2	19.5	6.8	280	2.08	36.2	1.1	8.5	2.5	7	0.3	2.9	0.2	25	0.08	0.051
REP 1079609	QC	0.8	18.9	14.2	56	0.2	19.5	6.9	273	2.01	35.4	1.1	8.9	2.2	7	0.3	2.9	0.2	26	0.08	0.051
1079594	Soil	0.8	18.8	12.9	54	0.2	15.2	5.9	207	2.20	15.1	1.1	9.1	3.6	9	0.2	2.2	0.2	33	0.11	0.056
REP 1079594	QC	0.8	18.3	13.1	53	0.2	15.2	6.1	207	2.21	14.9	1.1	6.6	3.5	9	0.2	2.2	0.2	33	0.11	0.055
1098372	Soil	0.7	19.2	20.3	49	0.1	27.0	12.5	864	2.72	14.1	1.0	2.7	5.8	12	0.2	0.5	0.2	29	0.16	0.049
REP 1098372	QC	0.7	18.7	20.4	46	0.1	26.5	12.3	824	2.65	13.6	1.0	2.9	5.8	12	0.2	0.5	0.2	27	0.16	0.050
1098358	Soil	0.9	47.7	52.6	80	0.4	30.6	15.1	1315	2.63	10.6	1.0	7.8	7.0	12	0.5	0.6	0.3	27	0.10	0.039
REP 1098358	QC	1.1	48.1	49.2	82	0.4	31.7	15.3	1303	2.64	10.3	1.0	176.9	6.8	12	0.5	0.7	0.3	27	0.10	0.040
1099180	Soil	0.9	21.1	11.8	55	0.1	16.0	7.0	224	2.24	13.5	1.0	5.6	2.0	9	0.2	1.5	0.2	32	0.11	0.062
REP 1099180	QC	0.9	20.7	11.8	55	0.1	16.5	7.0	221	2.24	13.6	1.0	4.0	1.9	9	0.2	1.6	0.2	32	0.11	0.063

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Project: MHR
Report Date: September 29, 2011

QUALITY CONTROL REPORT DAW11000267.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1078079	Soil	15	24	0.36	94	0.026	1	1.47	0.003	0.04	0.3	0.04	1.9	<0.1	<0.05	4	0.7	<0.2
REP 1078079	QC	16	25	0.38	96	0.027	1	1.49	0.004	0.04	0.2	0.04	2.0	<0.1	<0.05	4	0.5	<0.2
1050893	Soil	43	8	0.04	61	<0.001	<1	0.39	0.003	0.06	<0.1	0.03	2.3	0.2	<0.05	1	0.6	<0.2
REP 1050893	QC	40	8	0.04	61	<0.001	1	0.41	0.002	0.05	<0.1	0.02	2.2	0.3	<0.05	1	<0.5	<0.2
1099044	Soil	19	19	0.26	73	0.019	<1	1.21	0.003	0.03	<0.1	0.01	1.1	<0.1	<0.05	5	1.0	<0.2
REP 1099044	QC	19	20	0.26	72	0.020	<1	1.20	0.003	0.03	0.1	<0.01	1.0	0.1	<0.05	5	<0.5	<0.2
1149682	Soil	13	20	0.32	120	0.019	2	0.96	0.004	0.04	0.2	0.04	1.3	<0.1	0.07	3	<0.5	<0.2
REP 1149682	QC	12	20	0.31	118	0.018	1	0.94	0.006	0.04	0.1	0.02	1.7	<0.1	0.08	3	<0.5	<0.2
1149578	Soil	15	18	0.28	88	0.008	2	0.89	0.008	0.06	0.2	0.03	2.1	<0.1	0.06	3	<0.5	0.2
REP 1149578	QC	16	18	0.29	87	0.011	1	0.92	0.008	0.07	0.2	0.03	2.1	0.1	0.06	3	0.6	<0.2
1037433	Soil	14	23	0.48	257	0.032	<1	1.18	0.009	0.04	0.2	0.03	2.9	<0.1	<0.05	3	<0.5	<0.2
REP 1037433	QC	15	25	0.49	281	0.036	<1	1.24	0.010	0.04	0.2	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
1151156	Soil	59	43	0.77	176	0.067	2	1.73	0.006	0.14	0.3	0.02	4.0	0.2	0.06	7	<0.5	0.2
REP 1151156	QC	58	43	0.79	190	0.065	2	1.81	0.006	0.15	0.3	0.02	4.1	0.3	0.07	7	<0.5	<0.2
1151151	Soil	15	28	0.39	85	0.028	<1	1.42	0.003	0.05	0.2	0.03	2.4	<0.1	<0.05	4	0.6	<0.2
REP 1151151	QC	15	28	0.39	85	0.030	<1	1.44	0.004	0.05	0.2	0.02	2.4	<0.1	<0.05	4	0.5	<0.2
1099255	Soil	45	20	0.56	75	0.011	<1	1.41	0.003	0.03	<0.1	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
REP 1099255	QC	44	20	0.55	75	0.011	<1	1.36	0.004	0.03	0.1	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1079609	Soil	21	18	0.29	71	0.018	<1	0.97	0.003	0.04	0.2	0.05	1.2	<0.1	<0.05	3	<0.5	<0.2
REP 1079609	QC	22	17	0.28	70	0.018	<1	0.96	0.003	0.04	0.3	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1079594	Soil	21	20	0.33	89	0.025	1	1.07	0.004	0.04	0.5	0.12	1.5	0.2	<0.05	3	<0.5	<0.2
REP 1079594	QC	21	19	0.33	91	0.025	1	1.05	0.004	0.04	0.5	0.09	1.5	0.2	<0.05	3	<0.5	<0.2
1098372	Soil	19	20	0.28	140	0.016	<1	1.15	0.005	0.03	0.2	0.04	2.4	<0.1	<0.05	3	0.5	<0.2
REP 1098372	QC	19	19	0.28	141	0.017	<1	1.12	0.005	0.03	0.2	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1098358	Soil	21	20	0.40	93	0.015	1	1.22	0.004	0.03	0.1	0.06	1.9	<0.1	<0.05	3	<0.5	<0.2
REP 1098358	QC	22	20	0.40	99	0.016	<1	1.23	0.003	0.03	0.1	0.06	1.9	<0.1	<0.05	3	<0.5	<0.2
1099180	Soil	15	19	0.31	95	0.018	<1	1.04	0.004	0.03	0.3	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
REP 1099180	QC	15	19	0.31	99	0.019	2	1.05	0.003	0.03	0.3	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2

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Project: MHR
Report Date: September 29, 2011

QUALITY CONTROL REPORT DAW11000267.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1099126	Soil	1.0	19.8	18.5	58	<0.1	20.1	9.6	346	2.86	15.8	0.7	2.1	5.4	9	0.1	0.8	0.2	43	0.08	0.032
REP 1099126	QC	1.0	20.0	18.3	56	<0.1	19.4	9.2	345	2.78	15.3	0.7	1.0	5.3	9	0.1	0.9	0.2	43	0.08	0.031
1099114	Soil	0.6	14.7	11.8	43	<0.1	13.8	5.9	154	2.03	9.9	0.6	1.0	3.3	7	<0.1	0.6	0.2	27	0.08	0.042
REP 1099114	QC	0.7	16.2	12.3	49	<0.1	14.1	6.6	167	2.17	10.3	0.6	3.8	3.3	8	0.1	0.5	0.2	28	0.08	0.045
1098114	Soil	0.8	13.2	17.7	45	<0.1	14.6	6.7	409	2.04	60.9	0.6	2.5	4.0	6	0.1	0.9	0.2	25	0.05	0.034
REP 1098114	QC	1.0	12.8	17.5	43	<0.1	14.5	7.0	418	2.06	61.3	0.6	3.0	4.2	6	0.2	0.9	0.2	26	0.05	0.033
1096397	Soil	0.8	17.9	30.8	64	<0.1	17.7	8.0	361	2.88	28.2	0.8	6.8	6.8	7	0.2	1.2	0.2	26	0.05	0.030
REP 1096397	QC	0.7	19.4	31.4	71	<0.1	19.1	8.4	378	2.99	29.2	0.9	8.0	6.7	7	0.3	1.2	0.2	29	0.05	0.032
Reference Materials																					
STD DS8	Standard	11.8	112.5	124.5	309	1.7	38.2	7.4	587	2.36	25.1	2.8	116.8	6.3	58	2.3	5.5	6.8	42	0.65	0.077
STD DS8	Standard	13.7	104.6	129.4	311	1.7	38.3	7.4	618	2.53	24.9	2.7	108.7	7.1	65	2.3	5.7	6.5	42	0.73	0.078
STD DS8	Standard	11.5	111.8	120.4	310	1.8	37.5	7.4	601	2.41	24.8	2.6	101.1	5.9	64	2.2	5.7	6.7	41	0.64	0.076
STD DS8	Standard	13.5	108.4	129.8	315	1.8	39.1	7.4	627	2.53	24.2	2.8	114.5	6.5	64	2.3	5.6	6.6	43	0.71	0.080
STD DS8	Standard	14.0	118.1	120.2	316	1.9	40.4	7.9	619	2.47	23.7	2.9	122.2	7.6	64	2.3	5.5	6.2	44	0.72	0.075
STD DS8	Standard	13.4	111.3	115.5	303	1.8	37.8	7.3	613	2.43	25.2	2.7	112.2	6.9	61	2.4	5.4	6.3	43	0.72	0.076
STD DS8	Standard	10.6	101.2	122.0	294	1.8	33.8	6.9	541	2.18	24.1	2.4	109.1	5.6	52	2.4	5.0	6.2	35	0.59	0.077
STD DS8	Standard	14.3	114.8	133.1	327	1.8	39.3	7.8	648	2.60	26.1	3.0	115.3	8.0	74	2.4	6.1	7.9	43	0.74	0.082
STD DS8	Standard	12.8	116.2	132.5	319	1.8	38.0	8.3	621	2.85	26.5	2.8	137.8	6.8	64	2.4	5.3	6.3	42	0.72	0.087
STD DS8	Standard	13.1	102.1	123.7	303	1.8	36.6	6.8	582	2.53	25.1	2.8	115.5	6.5	61	2.3	5.1	6.0	40	0.69	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 29, 2011

QUALITY CONTROL REPORT DAW11000267.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1099126	Soil	19	25	0.37	83	0.033	2	1.49	0.006	0.05	0.2	0.03	1.9	<0.1	<0.05	5	<0.5	<0.2
REP 1099126	QC	19	25	0.37	80	0.030	1	1.46	0.006	0.05	0.2	0.03	1.9	<0.1	<0.05	5	0.6	<0.2
1099114	Soil	11	18	0.31	69	0.018	<1	1.32	0.004	0.03	0.1	0.04	1.5	<0.1	<0.05	3	<0.5	<0.2
REP 1099114	QC	11	20	0.34	74	0.018	<1	1.45	0.004	0.03	0.2	0.05	1.5	<0.1	<0.05	3	0.5	<0.2
1098114	Soil	17	13	0.11	52	0.013	<1	0.57	0.003	0.03	0.2	0.02	0.8	<0.1	<0.05	3	<0.5	<0.2
REP 1098114	QC	17	14	0.11	51	0.013	<1	0.55	0.004	0.03	0.2	0.02	0.8	<0.1	<0.05	3	<0.5	<0.2
1096397	Soil	24	17	0.19	87	0.012	<1	0.96	0.003	0.05	0.1	0.04	1.7	0.1	<0.05	3	0.7	<0.2
REP 1096397	QC	24	17	0.21	85	0.010	<1	1.00	0.003	0.05	<0.1	0.03	1.9	0.1	<0.05	3	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	11	117	0.59	256	0.105	3	0.85	0.093	0.40	3.0	0.19	2.4	5.4	0.16	4	5.6	5.0
STD DS8	Standard	17	112	0.62	285	0.124	3	0.94	0.099	0.42	3.1	0.18	4.5	5.9	0.25	5	6.7	5.6
STD DS8	Standard	13	111	0.58	265	0.105	2	0.86	0.081	0.40	2.9	0.19	2.3	5.2	<0.05	5	4.9	4.7
STD DS8	Standard	15	122	0.60	289	0.116	2	0.92	0.092	0.44	3.2	0.20	1.9	5.7	0.19	5	5.4	5.0
STD DS8	Standard	16	122	0.62	284	0.117	3	0.96	0.108	0.43	3.2	0.20	2.9	5.4	0.16	5	4.7	4.9
STD DS8	Standard	17	120	0.62	297	0.117	3	0.90	0.094	0.42	3.2	0.20	2.1	5.3	0.18	5	5.0	4.5
STD DS8	Standard	11	101	0.54	236	0.086	2	0.75	0.067	0.38	2.8	0.20	1.6	5.3	0.14	4	5.0	4.3
STD DS8	Standard	18	123	0.65	293	0.129	2	0.97	0.096	0.44	3.1	0.21	2.4	5.5	0.16	5	5.3	5.4
STD DS8	Standard	15	122	0.59	280	0.117	4	0.94	0.090	0.42	2.9	0.20	2.5	5.6	0.12	5	5.3	5.2
STD DS8	Standard	15	111	0.57	260	0.118	2	0.93	0.077	0.40	2.8	0.20	2.1	5.3	0.21	5	4.8	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 29, 2011

QUALITY CONTROL REPORT DAW11000267.1

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

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		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: September 05, 2011
Report Date: September 23, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS DAW11000269.1

CLIENT JOB INFORMATION

Project: ALP
Shipment ID: ALP2011-01
P.O. Number
Number of Samples: 124

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	124	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	124	Dry at 60C			WHI
1DX2	123	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: ALP
Report Date: September 23, 2011

CERTIFICATE OF ANALYSIS DAW11000269.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151317	Soil	0.7	18.4	22.2	71	<0.1	16.7	6.5	219	2.30	12.2	0.9	2.5	2.6	7	0.4	0.5	0.3	27	0.07	0.049
1151316	Soil	0.8	22.1	25.5	65	0.1	16.7	6.4	185	2.76	19.9	1.2	7.9	3.7	9	0.3	0.5	0.3	31	0.10	0.053
1151319	Soil	0.7	18.5	103.7	194	0.3	21.0	8.2	330	2.78	34.3	0.8	5.5	4.1	9	1.4	1.3	0.2	29	0.08	0.046
1151318	Soil	0.8	22.1	26.9	98	<0.1	20.7	9.5	370	2.68	18.2	1.1	5.0	6.1	9	0.5	0.5	0.3	29	0.09	0.053
1151321	Soil	0.6	28.7	106.6	223	0.7	27.0	11.1	399	3.08	39.8	1.1	5.9	6.5	10	2.1	2.5	0.2	23	0.12	0.045
1151320	Soil	0.7	28.4	111.2	220	0.6	27.8	10.7	389	3.11	40.4	1.1	7.5	6.4	9	2.1	2.5	0.2	22	0.13	0.044
1151322	Soil	0.8	50.8	79.8	236	0.3	70.1	16.8	1318	4.06	324.1	1.2	19.1	24.6	14	2.9	2.3	0.7	<2	0.28	0.120
1151323	Soil	0.7	29.6	1227	284	3.3	28.5	11.6	327	3.23	118.7	1.0	17.7	7.4	9	1.4	5.7	0.7	22	0.09	0.050
1151324	Soil	0.9	12.5	46.5	89	0.7	14.9	5.9	248	2.06	39.5	0.6	40.0	3.2	8	0.5	5.0	0.2	29	0.08	0.044
1151326	Soil	0.6	28.4	198.9	231	0.8	33.4	10.9	584	2.93	53.3	1.5	3.2	9.4	12	2.6	1.1	0.4	18	0.16	0.050
1151330	Soil	0.7	24.4	30.8	78	<0.1	25.3	11.1	406	2.76	14.4	0.9	5.9	4.8	11	0.4	0.7	0.2	35	0.13	0.058
1151327	Soil	0.6	35.1	67.6	193	0.3	40.9	17.0	810	3.62	29.2	2.1	1.1	13.7	13	2.1	0.6	0.4	15	0.15	0.054
1151328	Soil	1.0	11.2	28.2	40	<0.1	11.2	4.4	154	1.99	12.0	0.6	1.9	1.4	7	0.2	0.5	0.3	38	0.06	0.033
1151325	Soil	0.7	35.5	331.9	782	2.8	32.8	11.9	655	3.83	165.3	2.4	3.5	12.5	13	8.1	1.8	0.7	18	0.14	0.060
1151329	Soil	0.7	23.5	43.5	169	0.2	28.0	11.3	399	2.68	60.8	1.2	6.9	4.7	12	0.9	2.4	0.3	30	0.15	0.059
1151332	Soil	0.3	21.8	28.8	133	<0.1	28.0	14.1	562	2.66	14.0	0.6	2.0	10.4	7	1.3	0.4	0.2	13	0.05	0.028
1151331	Soil	0.4	22.0	27.6	125	<0.1	27.3	14.2	555	2.60	13.6	0.6	3.0	10.7	7	1.3	0.3	0.2	12	0.05	0.026
1078273	Soil	0.4	21.8	19.3	62	0.1	28.4	12.1	415	2.91	6.0	0.9	4.0	6.5	158	0.2	0.3	0.3	11	4.32	0.071
1151333	Soil	0.5	24.2	30.3	61	0.1	27.4	12.9	278	2.82	18.5	1.2	2.5	10.6	21	<0.1	0.2	0.4	9	0.17	0.058
1151302	Soil	0.9	25.8	150.4	598	0.3	27.7	11.5	425	2.88	33.2	1.1	6.1	7.7	9	2.3	1.5	0.4	28	0.11	0.049
1151301	Soil	0.4	29.3	51.0	122	0.2	22.3	8.9	344	2.25	28.3	1.3	6.6	8.2	10	0.9	2.4	0.2	25	0.12	0.040
1151306	Soil	0.5	24.5	71.1	609	0.2	28.3	14.1	634	3.05	46.1	0.8	5.5	7.1	9	4.2	0.8	0.3	23	0.07	0.036
1151307	Soil	1.7	43.6	157.4	349	0.5	39.3	16.6	423	3.31	25.2	1.3	2.6	9.2	15	3.3	0.9	0.3	17	0.10	0.052
1151308	Soil	0.5	26.7	66.5	389	0.2	22.0	12.1	279	2.80	64.3	1.0	8.3	8.7	7	1.6	0.5	0.5	15	0.04	0.034
1151310	Soil	0.9	16.1	24.0	63	<0.1	16.4	7.9	276	2.22	12.4	0.7	4.3	2.9	9	0.6	0.6	0.2	37	0.09	0.044
1151309	Soil	0.7	17.3	64.9	157	0.1	20.0	7.4	242	2.54	15.8	0.7	4.8	4.6	8	1.1	0.5	0.3	30	0.09	0.046
1151312	Soil	0.6	41.9	57.2	127	0.5	49.4	19.3	934	3.63	53.2	3.3	4.2	15.3	16	0.7	0.5	0.5	22	0.20	0.063
1151315	Soil	0.9	29.5	27.6	88	0.1	27.6	13.1	447	3.36	18.7	1.8	5.5	6.1	13	0.4	0.7	0.4	37	0.16	0.056
1151311	Soil	0.9	22.8	27.6	80	0.1	20.3	8.4	273	2.67	14.4	1.2	3.4	4.8	10	0.6	0.7	0.2	36	0.11	0.051
1151313	Soil	0.8	28.8	61.4	161	0.2	28.6	15.0	693	3.64	51.0	1.8	3.8	6.4	10	1.3	0.5	0.4	26	0.10	0.058

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Project: ALP
Report Date: September 23, 2011

CERTIFICATE OF ANALYSIS DAW11000269.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151317	Soil	22	17	0.35	57	0.012	<1	1.23	0.003	0.04	0.1	0.03	1.3	0.1	<0.05	3	<0.5	<0.2
1151316	Soil	25	19	0.40	51	0.016	<1	1.24	0.004	0.04	0.1	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1151319	Soil	21	18	0.33	58	0.014	<1	1.19	0.003	0.04	0.2	0.03	1.5	0.1	<0.05	3	<0.5	<0.2
1151318	Soil	25	18	0.38	68	0.013	<1	1.28	0.004	0.04	0.1	0.03	1.8	0.1	<0.05	3	<0.5	<0.2
1151321	Soil	28	15	0.24	99	0.010	<1	0.87	0.003	0.06	0.1	0.02	2.1	0.1	<0.05	2	<0.5	<0.2
1151320	Soil	29	15	0.24	97	0.009	<1	0.87	0.003	0.05	0.1	0.04	2.1	0.1	<0.05	2	<0.5	<0.2
1151322	Soil	60	3	0.08	88	0.002	<1	0.22	0.002	0.03	<0.1	<0.01	2.8	<0.1	<0.05	<1	<0.5	<0.2
1151323	Soil	26	17	0.36	48	0.011	<1	1.20	0.003	0.06	0.1	0.04	1.6	0.1	<0.05	3	<0.5	<0.2
1151324	Soil	17	16	0.26	56	0.015	<1	0.98	0.003	0.04	0.2	0.04	1.3	0.2	<0.05	3	0.5	<0.2
1151326	Soil	32	15	0.34	58	0.012	<1	0.99	0.004	0.04	0.1	0.03	1.7	<0.1	<0.05	2	<0.5	<0.2
1151330	Soil	21	22	0.43	98	0.026	<1	1.31	0.005	0.04	0.2	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
1151327	Soil	43	16	0.44	66	0.009	<1	1.15	0.003	0.05	<0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1151328	Soil	15	15	0.19	53	0.017	<1	0.90	0.003	0.03	0.1	0.03	1.0	<0.1	<0.05	4	<0.5	<0.2
1151325	Soil	42	15	0.37	65	0.008	<1	1.02	0.003	0.05	0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1151329	Soil	22	19	0.36	98	0.019	1	1.17	0.005	0.04	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1151332	Soil	25	15	0.45	90	0.008	<1	1.19	0.003	0.06	<0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1151331	Soil	26	14	0.44	86	0.007	<1	1.15	0.003	0.06	0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
1078273	Soil	34	9	0.25	47	0.008	1	0.64	0.003	0.03	<0.1	0.02	2.1	<0.1	<0.05	1	<0.5	<0.2
1151333	Soil	26	12	0.40	83	0.004	<1	1.07	0.007	0.05	<0.1	0.01	1.0	<0.1	<0.05	2	<0.5	<0.2
1151302	Soil	24	20	0.36	71	0.015	<1	1.32	0.003	0.06	0.1	0.03	2.0	0.1	<0.05	3	<0.5	<0.2
1151301	Soil	28	16	0.29	79	0.016	<1	0.96	0.004	0.05	0.2	0.04	3.0	0.1	<0.05	2	<0.5	<0.2
1151306	Soil	24	17	0.37	73	0.010	<1	1.17	0.002	0.05	<0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1151307	Soil	27	17	0.42	60	0.010	<1	1.17	0.003	0.05	<0.1	0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
1151308	Soil	27	15	0.40	60	0.006	<1	1.22	0.003	0.07	<0.1	0.03	1.0	0.1	<0.05	3	<0.5	<0.2
1151310	Soil	17	22	0.35	79	0.023	<1	1.29	0.004	0.04	0.2	0.04	1.7	0.1	<0.05	4	<0.5	<0.2
1151309	Soil	20	19	0.39	57	0.015	<1	1.32	0.003	0.05	0.1	0.03	1.4	0.1	<0.05	3	<0.5	<0.2
1151312	Soil	57	18	0.46	97	0.016	<1	1.28	0.005	0.05	0.2	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1151315	Soil	33	23	0.42	108	0.024	<1	1.38	0.005	0.04	0.2	0.04	1.8	<0.1	<0.05	4	<0.5	<0.2
1151311	Soil	24	21	0.41	60	0.024	<1	1.23	0.004	0.04	0.2	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1151313	Soil	43	20	0.41	57	0.013	<1	1.37	0.004	0.04	0.2	0.01	1.3	<0.1	<0.05	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: September 23, 2011

CERTIFICATE OF ANALYSIS DAW11000269.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151314	Soil	0.7	29.1	29.0	93	0.3	28.3	13.0	445	2.78	43.5	1.8	<0.5	8.7	13	0.6	0.6	0.3	21	0.14	0.067
1151201	Soil	1.0	45.9	81.8	107	0.3	37.6	19.2	681	3.18	109.7	1.9	17.5	6.7	31	1.3	0.9	0.7	21	0.13	0.058
1151203	Soil	0.6	30.2	31.0	65	0.2	27.9	13.9	567	2.41	262.7	1.9	9.3	7.9	19	0.3	0.7	0.5	20	0.10	0.057
1151202	Soil	0.8	38.3	34.1	80	0.2	35.9	19.0	950	2.91	73.4	1.9	3.7	7.2	20	0.4	0.5	0.4	16	0.12	0.064
1151204	Soil	1.2	43.3	42.1	107	0.2	37.5	20.3	900	3.32	169.6	2.8	<0.5	8.4	17	0.7	0.6	0.6	22	0.14	0.074
1151205	Soil	1.0	44.8	29.8	101	0.2	34.6	24.4	1007	3.37	355.6	2.4	4.6	9.1	19	0.5	0.6	1.3	19	0.14	0.062
1151207	Soil	1.2	23.0	18.5	67	<0.1	21.8	10.9	355	2.45	101.7	1.0	1.8	1.7	11	0.3	0.7	0.2	37	0.11	0.064
1151206	Soil	1.0	26.3	14.6	71	0.2	26.2	11.9	499	2.48	87.4	1.5	1.8	3.9	13	0.4	0.8	0.4	33	0.14	0.064
1151209	Soil	0.8	99.6	53.9	118	3.1	17.4	7.5	365	2.70	394.4	1.7	6.8	5.1	11	0.9	1.7	4.3	23	0.08	0.061
1151208	Soil	0.9	15.9	24.5	51	<0.1	16.6	6.7	286	2.21	73.0	0.6	4.3	2.4	10	0.2	0.7	0.2	33	0.12	0.055
1151210	Soil	0.6	31.8	20.6	86	0.2	26.9	12.9	533	2.73	92.4	1.5	6.4	6.6	11	0.4	0.7	0.2	18	0.08	0.047
1151211	Soil	0.7	27.5	34.5	122	0.3	27.5	11.4	563	2.75	42.7	1.0	<0.5	7.6	8	0.7	0.7	0.2	22	0.09	0.049
1151212	Soil	1.7	38.7	39.7	85	0.7	32.4	13.2	184	3.89	48.9	1.2	4.3	15.5	4	0.5	1.0	0.5	6	0.03	0.042
1151214	Soil	1.4	24.4	17.9	55	0.2	14.5	7.2	327	2.24	18.2	0.9	<0.5	1.7	6	0.2	0.6	0.3	39	0.05	0.051
1151213	Soil	1.1	19.6	15.1	53	0.6	15.2	6.4	243	2.63	21.2	0.7	1.2	2.3	6	0.2	0.9	0.3	37	0.05	0.034
1151216	Soil	0.8	24.1	30.8	57	0.1	21.1	9.2	331	2.95	60.3	0.9	1.6	5.3	9	0.3	0.7	0.3	24	0.06	0.041
1151215	Soil	0.8	32.1	146.3	88	2.3	18.2	8.9	460	2.66	1476	0.8	49.1	8.7	26	0.8	4.2	4.2	17	0.05	0.027
1151217	Soil	0.8	17.3	21.1	50	<0.1	17.8	7.1	241	2.32	30.8	0.6	3.4	4.2	8	0.1	0.7	0.2	31	0.07	0.033
1151218	Soil	0.5	16.1	16.7	45	<0.1	17.2	6.6	223	2.27	19.1	0.5	<0.5	3.3	7	0.1	0.5	0.2	28	0.07	0.038
1151223	Soil	0.6	19.6	27.5	77	0.2	25.2	9.5	897	2.50	19.1	1.1	6.8	3.5	14	0.7	0.6	0.2	23	0.18	0.060
1151222	Soil	0.6	22.5	31.2	111	0.2	30.1	12.5	673	2.45	37.8	0.9	1.8	5.8	17	0.9	1.2	0.2	22	0.19	0.050
1151221	Soil	0.7	18.5	24.5	56	0.1	25.3	8.8	494	2.46	59.6	0.7	2.8	4.5	11	0.3	0.8	0.2	28	0.14	0.043
1151224	Soil	0.4	17.6	19.6	63	<0.1	18.2	6.7	343	2.22	28.9	1.1	<0.5	2.8	16	0.2	0.4	0.3	26	0.17	0.049
1151220	Soil	0.8	14.9	16.3	52	<0.1	15.5	5.8	229	2.05	30.6	0.5	1.4	1.2	8	0.2	0.8	0.2	29	0.09	0.040
1151219	Soil	0.5	25.4	33.1	87	0.1	29.8	12.9	446	2.89	22.8	0.7	<0.5	7.4	8	0.4	1.3	0.3	18	0.10	0.046
1151225	Soil	0.7	21.5	67.8	212	0.4	22.1	9.4	613	2.95	14.8	0.8	<0.5	2.3	13	2.7	0.5	0.8	31	0.17	0.057
1151226	Soil	0.6	21.4	25.9	111	0.2	27.2	9.9	658	2.80	67.2	0.8	1.9	5.1	19	1.2	0.7	0.2	26	0.27	0.040
1151227	Soil	0.7	20.1	29.5	74	0.2	24.9	10.2	745	2.58	38.2	0.9	6.8	6.3	17	0.6	0.7	0.1	25	0.24	0.053
1151229	Soil	0.6	15.2	81.8	305	0.5	19.1	6.5	296	2.22	24.2	0.5	2.9	3.6	10	1.3	0.8	0.2	27	0.12	0.036
1151228	Soil	0.7	44.1	138.3	1444	2.1	36.9	15.5	1714	3.83	449.9	1.2	51.5	11.6	14	25.2	12.1	1.9	12	0.18	0.048

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Project: ALP
Report Date: September 23, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151314	Soil	32	16	0.39	88	0.014	1	1.14	0.003	0.04	0.2	0.04	1.5	<0.1	<0.05	3	1.0	<0.2
1151201	Soil	21	19	0.40	74	0.014	2	1.17	0.006	0.04	0.1	0.03	1.4	<0.1	<0.05	3	1.0	<0.2
1151203	Soil	20	15	0.35	88	0.016	2	0.98	0.004	0.08	0.2	0.03	1.4	<0.1	<0.05	3	0.9	<0.2
1151202	Soil	19	19	0.43	66	0.010	2	1.18	0.005	0.08	0.1	0.05	1.4	<0.1	<0.05	3	0.8	<0.2
1151204	Soil	23	24	0.59	62	0.016	1	1.45	0.007	0.07	0.1	0.03	2.1	0.1	<0.05	4	1.6	<0.2
1151205	Soil	19	24	0.56	65	0.011	<1	1.40	0.007	0.06	0.1	0.05	1.5	<0.1	<0.05	4	0.7	<0.2
1151207	Soil	14	20	0.35	71	0.020	<1	1.33	0.004	0.04	0.2	0.05	1.2	0.1	<0.05	4	0.6	<0.2
1151206	Soil	16	20	0.38	90	0.025	1	1.18	0.004	0.04	0.3	0.05	1.6	<0.1	<0.05	3	1.2	<0.2
1151209	Soil	18	14	0.23	51	0.013	<1	0.86	0.003	0.05	0.2	0.05	1.1	0.1	<0.05	3	<0.5	<0.2
1151208	Soil	12	18	0.31	62	0.021	<1	1.07	0.003	0.03	0.2	0.04	1.5	0.1	<0.05	3	0.6	<0.2
1151210	Soil	19	16	0.32	77	0.009	<1	0.95	0.003	0.07	0.2	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
1151211	Soil	24	18	0.36	55	0.013	<1	0.99	0.002	0.04	<0.1	0.04	1.6	<0.1	<0.05	3	0.9	<0.2
1151212	Soil	36	9	0.10	77	0.001	<1	0.47	0.001	0.06	0.2	0.02	1.3	0.1	<0.05	2	1.3	<0.2
1151214	Soil	15	18	0.23	39	0.018	2	1.07	0.004	0.03	0.2	0.05	0.9	<0.1	<0.05	5	1.0	<0.2
1151213	Soil	11	17	0.24	49	0.020	<1	1.05	0.003	0.03	0.2	0.06	1.2	<0.1	<0.05	4	<0.5	<0.2
1151216	Soil	18	19	0.38	65	0.011	<1	1.33	0.003	0.05	0.2	0.04	1.2	<0.1	<0.05	4	1.1	<0.2
1151215	Soil	24	11	0.22	95	0.006	<1	0.82	0.003	0.08	0.2	0.04	1.4	0.2	<0.05	2	<0.5	<0.2
1151217	Soil	17	20	0.34	65	0.018	<1	1.31	0.008	0.05	0.2	0.04	1.4	<0.1	<0.05	4	0.8	<0.2
1151218	Soil	14	18	0.34	59	0.013	1	1.21	0.003	0.03	0.1	0.03	1.2	0.1	<0.05	4	1.4	<0.2
1151223	Soil	20	16	0.26	126	0.011	<1	1.03	0.004	0.05	0.2	0.05	1.7	<0.1	<0.05	3	2.3	<0.2
1151222	Soil	18	15	0.28	114	0.012	<1	0.93	0.004	0.05	0.2	0.05	1.6	<0.1	<0.05	3	1.1	<0.2
1151221	Soil	16	16	0.28	123	0.019	<1	1.11	0.005	0.04	0.3	0.05	1.9	<0.1	<0.05	3	1.0	<0.2
1151224	Soil	18	17	0.30	147	0.014	<1	1.11	0.004	0.05	0.3	0.04	1.4	<0.1	<0.05	3	1.8	<0.2
1151220	Soil	13	15	0.24	79	0.014	1	0.98	0.004	0.03	0.4	0.04	1.1	<0.1	<0.05	3	0.8	<0.2
1151219	Soil	23	15	0.37	77	0.007	1	1.18	0.003	0.04	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1151225	Soil	16	19	0.31	96	0.016	<1	1.09	0.004	0.04	0.3	0.05	1.6	<0.1	<0.05	4	1.1	<0.2
1151226	Soil	17	15	0.30	112	0.016	<1	0.96	0.004	0.04	0.2	0.05	2.2	0.1	<0.05	3	2.3	<0.2
1151227	Soil	22	14	0.30	131	0.019	<1	0.98	0.004	0.06	0.3	0.03	2.4	0.1	<0.05	2	0.8	<0.2
1151229	Soil	12	13	0.29	63	0.017	<1	1.03	0.003	0.03	0.2	0.04	1.6	0.1	<0.05	3	0.9	<0.2
1151228	Soil	23	9	0.23	106	0.008	<1	0.72	0.003	0.05	0.2	0.05	2.1	0.1	<0.05	2	0.9	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151230	Soil	0.8	15.8	131.2	825	0.9	19.0	8.0	704	2.36	260.0	0.6	3.0	6.0	9	13.5	3.5	0.4	17	0.07	0.036
1078330	Soil	0.4	32.8	62.2	181	0.5	32.7	14.1	782	3.10	60.7	1.2	11.0	12.0	17	1.5	2.3	0.3	9	0.26	0.058
1078331	Soil	0.4	25.0	65.9	384	0.5	28.5	12.9	736	3.02	138.2	1.1	6.0	13.2	17	3.9	1.7	0.4	5	0.33	0.054
1078318	Soil	0.4	35.1	11.1	82	<0.1	25.0	7.5	284	2.13	10.2	0.7	0.6	9.4	8	0.5	0.6	0.3	19	0.11	0.050
1078320	Soil	0.7	27.7	26.8	120	0.2	29.1	10.9	521	2.77	78.9	1.3	3.0	6.2	14	1.0	0.9	0.3	20	0.23	0.054
1078317	Soil	0.9	24.8	25.5	179	0.2	25.9	10.3	391	2.73	27.6	0.8	1.1	4.3	9	1.3	1.5	0.4	23	0.10	0.052
1078319	Soil	1.0	33.8	44.3	95	0.4	32.9	13.4	653	2.84	73.0	1.0	5.6	8.1	12	0.5	1.4	0.4	27	0.16	0.068
1078324	Soil	0.5	12.3	22.4	55	0.1	13.5	5.6	282	1.80	32.5	0.7	2.6	1.7	6	0.2	0.5	0.2	20	0.06	0.058
1078322	Soil	0.7	16.6	16.0	123	<0.1	18.8	7.5	440	2.14	40.2	0.8	1.2	3.6	8	0.5	0.9	0.2	21	0.10	0.043
1078321	Soil	0.7	21.7	20.0	85	<0.1	22.5	8.5	473	2.32	48.9	0.8	3.7	4.1	9	0.4	0.7	0.2	23	0.12	0.044
1078323	Soil	0.5	24.7	22.3	88	0.1	27.3	10.9	636	2.59	35.0	0.9	3.7	6.5	9	0.6	0.6	0.3	19	0.10	0.052
1078325	Soil	0.8	13.0	18.2	55	<0.1	14.6	5.8	239	2.18	17.4	0.5	2.1	2.3	7	0.3	0.6	0.2	27	0.07	0.032
1078326	Soil	0.6	24.1	28.3	154	0.2	23.6	8.1	395	2.67	42.0	0.9	2.5	5.7	8	1.0	0.8	0.3	21	0.10	0.053
1078327	Soil	0.8	17.5	43.5	368	0.3	18.4	6.2	393	2.16	68.2	0.6	3.4	3.3	7	2.5	1.1	0.3	25	0.07	0.045
1078328	Soil	0.9	11.8	53.6	65	0.1	13.3	5.4	260	2.16	10.6	0.5	<0.5	2.1	6	0.4	0.7	0.3	34	0.05	0.035
1078329	Soil	0.6	23.2	115.8	175	0.5	22.5	8.8	379	2.67	24.2	0.8	<0.5	4.5	7	1.2	1.1	0.3	21	0.08	0.049
1078302	Soil	0.7	31.6	50.8	120	0.7	28.3	10.9	557	2.69	244.5	1.7	15.0	8.4	13	1.0	0.7	0.5	16	0.15	0.050
1078301	Soil	0.6	41.4	68.3	226	3.1	32.4	16.8	810	3.31	308.4	1.9	15.7	12.5	18	1.7	1.4	1.5	20	0.12	0.056
1078303	Soil	0.8	34.0	46.1	124	0.4	25.6	14.2	764	2.97	226.2	1.7	7.2	8.1	14	0.3	0.7	0.5	18	0.06	0.043
1078304	Soil	0.5	34.3	36.5	98	0.6	27.5	12.4	648	2.94	170.9	1.9	8.0	9.0	13	0.3	0.7	0.5	18	0.09	0.052
1078305	Soil	0.5	22.8	34.3	84	0.2	20.4	9.6	498	2.30	118.3	1.0	6.5	6.2	9	0.4	0.6	0.3	14	0.06	0.048
1078307	Soil	0.8	27.1	25.4	83	0.3	25.0	10.4	566	2.53	92.6	1.3	4.6	5.8	10	0.3	0.6	0.3	28	0.11	0.045
1078306	Soil	0.5	32.8	39.2	131	0.6	26.1	11.3	774	2.73	193.4	1.6	9.0	10.4	11	1.0	0.7	0.4	19	0.12	0.048
1078308	Soil	1.0	29.5	32.1	81	0.2	22.8	12.4	777	2.78	126.5	1.6	6.4	2.2	13	0.4	0.7	0.4	33	0.12	0.071
1078309	Soil	0.6	27.4	19.2	80	0.2	24.1	10.7	452	2.44	47.7	1.1	10.3	4.2	10	0.4	0.6	0.2	27	0.12	0.052
1078310	Soil	0.9	27.2	31.2	99	0.2	23.0	11.0	569	2.69	67.4	1.3	4.6	4.5	9	0.5	0.7	0.3	34	0.10	0.062
1078311	Soil	0.7	37.0	21.9	134	0.2	30.1	12.7	573	2.67	42.3	1.6	2.1	6.4	9	0.8	0.6	0.3	28	0.12	0.068
1078312	Soil	0.4	42.0	23.2	244	0.4	34.5	17.0	899	3.04	50.3	1.5	1.3	12.1	8	3.9	1.2	0.3	14	0.14	0.046
1078313	Soil	0.8	24.9	25.7	83	0.2	20.1	7.5	303	2.23	139.2	0.9	1.6	5.2	10	0.5	0.9	0.3	27	0.10	0.051
1078314	Soil	0.7	19.0	18.6	75	<0.1	17.8	10.0	373	2.54	60.2	0.7	2.7	3.6	7	0.4	1.0	0.2	32	0.06	0.046

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: September 23, 2011

CERTIFICATE OF ANALYSIS DAW11000269.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151230	Soil	21	11	0.17	60	0.011	1	0.64	0.003	0.06	0.2	0.04	1.1	0.1	<0.05	2	0.9	<0.2
1078330	Soil	34	6	0.12	43	0.006	1	0.47	0.003	0.03	<0.1	0.02	1.5	<0.1	<0.05	1	0.8	<0.2
1078331	Soil	27	5	0.12	47	0.004	<1	0.52	0.004	0.06	<0.1	0.03	1.7	<0.1	<0.05	1	0.8	<0.2
1078318	Soil	28	15	0.46	92	0.013	<1	1.05	0.003	0.04	0.2	0.04	1.9	<0.1	<0.05	3	0.9	<0.2
1078320	Soil	21	16	0.38	98	0.008	<1	1.24	0.003	0.05	1.0	0.04	1.5	<0.1	<0.05	3	1.2	<0.2
1078317	Soil	19	15	0.30	89	0.011	<1	1.03	0.003	0.05	0.2	0.04	1.3	0.1	<0.05	3	1.0	<0.2
1078319	Soil	32	19	0.36	116	0.018	2	1.18	0.005	0.06	0.2	0.03	2.3	0.1	<0.05	3	<0.5	<0.2
1078324	Soil	11	12	0.18	64	0.005	2	0.84	0.003	0.04	0.1	0.02	0.7	<0.1	<0.05	3	0.9	0.2
1078322	Soil	13	13	0.25	86	0.007	1	0.86	0.003	0.03	0.2	0.01	1.1	<0.1	<0.05	2	<0.5	<0.2
1078321	Soil	14	16	0.30	93	0.008	2	0.99	0.003	0.03	0.2	0.03	1.4	<0.1	<0.05	3	1.3	<0.2
1078323	Soil	16	15	0.33	85	0.008	<1	0.96	0.003	0.03	0.2	0.02	1.2	<0.1	<0.05	3	0.8	<0.2
1078325	Soil	8	15	0.26	73	0.013	<1	0.86	0.003	0.02	0.2	0.02	1.1	<0.1	<0.05	3	1.1	<0.2
1078326	Soil	15	15	0.32	113	0.005	1	1.01	0.003	0.03	0.1	0.01	1.4	<0.1	<0.05	3	1.1	<0.2
1078327	Soil	12	15	0.26	67	0.013	<1	0.98	0.003	0.03	0.2	0.04	1.5	<0.1	<0.05	3	0.8	<0.2
1078328	Soil	9	15	0.21	62	0.013	<1	0.98	0.003	0.03	0.2	0.04	1.1	<0.1	<0.05	4	0.9	<0.2
1078329	Soil	13	14	0.25	67	0.006	1	1.00	0.003	0.03	0.1	0.02	1.2	<0.1	<0.05	3	0.8	0.2
1078302	Soil	16	16	0.42	72	0.006	<1	1.03	0.003	0.04	0.3	<0.01	1.5	<0.1	<0.05	3	0.8	<0.2
1078301	Soil	21	27	0.56	65	0.007	2	1.29	0.003	0.06	0.1	0.03	1.9	<0.1	<0.05	4	0.6	<0.2
1078303	Soil	17	18	0.52	97	0.005	<1	1.33	0.003	0.06	0.2	<0.01	1.4	<0.1	<0.05	4	0.9	<0.2
1078304	Soil	15	19	0.46	115	0.004	2	1.29	0.003	0.05	0.1	0.02	1.5	0.1	<0.05	4	0.8	<0.2
1078305	Soil	14	14	0.31	50	0.005	1	0.86	0.003	0.04	0.2	0.02	0.7	<0.1	<0.05	3	<0.5	<0.2
1078307	Soil	16	20	0.45	99	0.012	1	1.26	0.003	0.04	0.2	0.03	1.8	<0.1	<0.05	4	0.8	<0.2
1078306	Soil	22	16	0.41	76	0.006	<1	0.96	0.002	0.04	0.1	<0.01	1.6	<0.1	<0.05	3	0.7	<0.2
1078308	Soil	12	21	0.37	144	0.010	<1	1.23	0.004	0.04	0.2	0.03	1.3	0.1	<0.05	4	1.1	<0.2
1078309	Soil	13	18	0.33	76	0.014	<1	0.94	0.003	0.03	0.3	0.02	1.3	<0.1	<0.05	3	1.0	<0.2
1078310	Soil	15	22	0.41	87	0.017	1	1.24	0.003	0.03	0.3	0.01	1.7	<0.1	<0.05	4	0.8	<0.2
1078311	Soil	15	18	0.46	60	0.016	<1	1.12	0.003	0.04	0.2	0.03	1.7	<0.1	<0.05	3	0.6	<0.2
1078312	Soil	27	12	0.23	73	0.003	<1	0.57	0.002	0.05	0.2	0.01	1.9	<0.1	<0.05	2	0.7	<0.2
1078313	Soil	15	17	0.30	71	0.014	<1	0.95	0.003	0.05	0.4	0.04	1.4	<0.1	<0.05	3	1.2	<0.2
1078314	Soil	11	20	0.31	66	0.012	<1	1.18	0.004	0.04	0.2	0.03	1.6	0.1	<0.05	3	1.0	<0.2

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Project: ALP
Report Date: September 23, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078315	Soil	0.8	14.4	27.8	68	0.3	11.2	4.9	164	2.03	39.1	0.7	4.9	1.2	6	0.4	1.3	0.3	24	0.06	0.045
1078316	Soil	0.7	26.8	38.6	112	0.2	19.3	6.9	246	2.48	49.5	1.0	5.9	4.9	7	0.5	1.2	0.3	26	0.07	0.048
1076378	Soil	0.8	12.0	17.9	63	<0.1	13.7	5.4	211	2.25	18.5	0.6	1.1	2.8	7	0.1	0.6	0.2	28	0.08	0.045
1076376	Soil	0.7	20.7	1287	776	4.2	17.1	5.9	363	2.45	89.1	0.9	6.4	6.8	9	1.8	5.7	0.2	22	0.12	0.048
1076373	Soil	0.5	25.3	55.5	214	0.4	25.9	11.6	681	2.72	150.6	1.1	4.1	6.3	20	2.7	1.1	0.4	13	0.33	0.057
1076374	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1076380	Soil	0.9	30.9	25.5	80	0.2	25.7	9.3	436	2.81	12.0	0.9	2.2	2.7	11	0.5	0.6	0.4	30	0.14	0.057
1076381	Soil	0.8	28.7	45.6	191	0.3	29.5	11.9	798	3.08	15.1	1.0	<0.5	5.9	11	1.5	0.9	0.6	24	0.15	0.050
1076377	Soil	0.7	16.9	140.0	150	0.4	18.4	7.2	269	2.37	35.3	0.6	3.3	4.9	7	0.7	2.3	0.2	22	0.07	0.029
1076362	Soil	0.4	31.7	23.4	95	0.3	33.8	14.7	758	3.16	27.6	1.4	<0.5	13.1	9	1.0	0.7	0.2	6	0.04	0.032
1076379	Soil	0.7	24.1	21.6	61	<0.1	23.8	10.9	337	2.64	11.7	0.7	3.3	6.7	8	0.3	0.6	0.3	32	0.07	0.036
1076382	Soil	0.7	24.1	24.1	222	0.6	21.0	7.0	362	2.80	192.8	1.1	4.7	6.5	10	1.1	1.4	0.8	23	0.08	0.041
1076375	Soil	0.5	18.8	45.5	83	0.6	26.4	7.7	344	2.22	32.6	0.8	2.4	6.5	19	0.4	2.8	0.3	21	0.25	0.045
1076364	Soil	0.6	26.9	38.0	51	1.3	8.3	2.6	77	2.35	66.0	1.2	33.3	7.2	5	0.1	2.3	0.8	16	0.03	0.045
1076365	Soil	0.8	34.1	38.2	65	0.5	17.0	6.7	190	2.83	124.6	1.6	9.9	6.9	5	0.2	3.0	0.4	13	0.03	0.044
1076372	Soil	0.6	27.9	47.3	143	0.5	24.6	8.2	339	2.62	221.9	1.0	6.4	9.7	12	1.0	1.2	0.4	20	0.16	0.049
1076368	Soil	0.6	22.0	26.9	57	0.1	17.8	5.7	130	2.18	31.0	0.8	8.2	4.1	9	0.2	1.0	0.2	27	0.10	0.050
1076367	Soil	0.8	20.0	101.0	101	0.4	16.3	5.5	211	2.54	92.8	0.8	6.7	2.7	8	0.3	1.8	0.7	30	0.08	0.055
1076371	Soil	0.6	21.2	20.5	69	0.1	22.9	7.1	255	2.49	44.9	0.6	2.3	3.6	9	0.1	1.2	0.2	28	0.12	0.047
1076370	Soil	0.5	20.8	22.3	70	<0.1	20.6	6.7	212	2.45	14.8	0.7	3.9	4.3	7	0.2	0.7	0.2	24	0.08	0.049
1076369	Soil	0.7	23.8	93.5	110	0.3	19.9	7.0	247	2.36	20.0	0.8	4.9	6.1	10	0.5	1.2	0.2	27	0.12	0.059
1076366	Soil	0.8	21.7	87.1	113	0.5	16.6	6.0	224	2.58	129.5	0.8	8.2	3.0	9	0.6	1.9	0.7	30	0.09	0.054
1076354	Soil	1.3	31.7	41.5	102	0.4	35.0	16.0	656	3.07	176.9	1.7	9.4	7.4	16	0.6	0.7	0.5	20	0.10	0.063
1076358	Soil	0.9	33.9	53.5	96	0.3	29.6	13.0	571	2.67	136.5	1.5	8.3	5.2	15	0.6	0.8	0.3	32	0.17	0.069
1076356	Soil	0.8	33.6	36.2	99	0.4	31.4	13.3	695	2.84	100.3	1.8	6.5	7.5	14	0.6	0.8	0.5	24	0.16	0.077
1076353	Soil	0.6	35.4	40.4	106	0.4	32.2	16.1	724	3.29	219.7	1.8	8.1	7.3	24	0.8	0.5	0.4	16	0.19	0.062
1076351	Soil	0.7	50.0	74.0	143	0.7	40.4	17.0	652	3.36	421.1	2.8	16.8	13.0	19	1.1	0.8	0.6	18	0.13	0.060
1076360	Soil	0.9	39.1	73.2	157	0.4	28.5	12.0	274	2.93	48.0	1.6	4.9	5.3	10	0.7	1.1	0.3	39	0.12	0.061
1076359	Soil	0.9	18.4	23.5	56	0.1	19.8	8.0	296	2.32	45.1	0.8	2.6	4.2	10	0.3	0.8	0.3	38	0.12	0.045
1076357	Soil	0.5	29.9	29.1	99	0.2	28.3	16.0	738	2.90	151.0	1.8	12.3	9.6	12	0.7	0.5	0.7	15	0.10	0.050

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078315	Soil	13	14	0.20	79	0.006	<1	0.81	0.003	0.03	0.2	0.04	0.6	0.1	<0.05	3	0.5	0.2
1078316	Soil	19	18	0.30	70	0.011	<1	1.11	0.003	0.04	0.2	0.03	1.8	0.1	<0.05	3	1.1	<0.2
1076378	Soil	12	15	0.27	85	0.013	<1	1.08	0.003	0.04	0.2	0.02	1.1	0.1	<0.05	4	<0.5	<0.2
1076376	Soil	16	13	0.24	38	0.011	<1	0.81	0.003	0.05	0.2	0.04	1.2	<0.1	<0.05	2	0.9	<0.2
1076373	Soil	15	11	0.23	66	0.008	1	0.67	0.007	0.05	0.3	0.05	1.5	<0.1	<0.05	2	1.0	<0.2
1076374	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1076380	Soil	21	21	0.36	88	0.010	<1	1.20	0.004	0.04	0.2	0.04	1.0	<0.1	<0.05	4	1.1	<0.2
1076381	Soil	21	18	0.38	83	0.011	<1	1.18	0.004	0.04	0.1	0.04	1.2	<0.1	<0.05	4	0.8	<0.2
1076377	Soil	15	13	0.21	52	0.010	<1	0.83	0.003	0.03	0.2	0.03	1.3	<0.1	<0.05	3	1.0	<0.2
1076362	Soil	34	7	0.05	83	0.001	<1	0.26	0.002	0.07	0.1	<0.01	0.9	<0.1	<0.05	2	<0.5	<0.2
1076379	Soil	17	19	0.34	92	0.015	<1	1.42	0.003	0.03	0.2	0.03	1.6	<0.1	<0.05	4	1.2	<0.2
1076382	Soil	20	17	0.33	79	0.007	1	1.13	0.003	0.04	0.2	0.02	1.5	<0.1	<0.05	3	1.1	<0.2
1076375	Soil	21	14	0.27	101	0.008	2	1.05	0.004	0.05	0.1	0.05	2.1	0.1	<0.05	2	<0.5	<0.2
1076364	Soil	31	13	0.19	62	0.003	<1	0.78	0.003	0.05	0.2	0.03	1.1	0.2	<0.05	3	0.6	<0.2
1076365	Soil	39	12	0.22	39	0.004	<1	0.73	0.002	0.06	0.1	0.04	0.9	0.1	0.05	2	<0.5	<0.2
1076372	Soil	27	15	0.39	109	0.012	2	1.02	0.004	0.06	0.2	0.04	1.7	<0.1	0.05	3	<0.5	<0.2
1076368	Soil	20	18	0.40	92	0.014	<1	1.23	0.004	0.06	0.2	0.03	1.6	0.1	0.05	3	<0.5	<0.2
1076367	Soil	18	19	0.36	76	0.012	<1	1.31	0.004	0.05	0.2	0.05	1.4	0.2	0.05	4	<0.5	<0.2
1076371	Soil	17	17	0.41	105	0.012	<1	1.23	0.004	0.06	0.2	0.04	1.5	0.1	<0.05	3	0.7	<0.2
1076370	Soil	20	16	0.39	86	0.010	1	1.27	0.003	0.04	0.1	0.01	1.2	0.1	<0.05	3	<0.5	<0.2
1076369	Soil	20	18	0.39	93	0.015	<1	1.31	0.004	0.05	0.1	0.05	1.7	0.1	<0.05	3	<0.5	<0.2
1076366	Soil	19	19	0.37	79	0.013	<1	1.25	0.004	0.05	0.2	0.04	1.5	0.1	<0.05	4	<0.5	<0.2
1076354	Soil	23	26	0.52	89	0.010	1	1.30	0.004	0.07	0.2	0.04	1.1	<0.1	<0.05	4	<0.5	<0.2
1076358	Soil	22	21	0.46	118	0.027	1	1.15	0.005	0.05	0.3	0.03	1.8	<0.1	<0.05	3	0.6	<0.2
1076356	Soil	26	19	0.42	83	0.016	<1	1.04	0.004	0.06	0.3	0.05	1.3	<0.1	<0.05	3	<0.5	<0.2
1076353	Soil	15	22	0.60	116	0.004	<1	1.45	0.005	0.07	0.2	0.05	1.0	<0.1	<0.05	4	0.5	<0.2
1076351	Soil	30	19	0.60	70	0.012	<1	1.28	0.003	0.05	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1076360	Soil	20	28	0.54	71	0.027	<1	1.48	0.005	0.05	0.2	0.05	2.5	0.1	<0.05	4	0.7	<0.2
1076359	Soil	17	19	0.35	88	0.027	<1	1.14	0.004	0.03	0.3	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1076357	Soil	24	18	0.49	67	0.006	<1	1.13	0.003	0.06	0.1	0.03	0.9	<0.1	<0.05	3	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: September 23, 2011

CERTIFICATE OF ANALYSIS DAW11000269.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1076355	Soil	1.2	37.9	63.2	179	0.8	31.2	13.2	867	3.08	264.9	1.5	33.6	4.6	11	1.9	1.3	0.6	19	0.10	0.072
1076352	Soil	0.6	43.2	54.6	157	0.6	37.9	19.6	982	3.39	222.1	1.8	11.5	6.9	26	1.3	0.6	0.6	21	0.17	0.062
1076363	Soil	0.7	39.3	20.5	92	0.2	30.4	12.4	520	3.02	87.8	1.2	18.7	6.6	8	0.4	1.1	0.3	28	0.08	0.044
1076361	Soil	0.8	29.2	15.6	68	<0.1	22.1	8.6	312	2.38	19.3	0.9	4.0	4.0	12	0.2	0.7	0.2	37	0.14	0.061

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Project: ALP
Report Date: September 23, 2011

CERTIFICATE OF ANALYSIS DAW11000269.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1076355	Soil	32	17	0.25	67	0.006	<1	0.77	0.003	0.06	0.1	0.05	1.3	0.1	<0.05	3	0.6	<0.2
1076352	Soil	21	22	0.62	134	0.006	<1	1.56	0.006	0.06	0.2	0.05	1.3	<0.1	<0.05	4	<0.5	<0.2
1076363	Soil	31	20	0.41	96	0.012	<1	1.17	0.003	0.05	0.2	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
1076361	Soil	17	22	0.48	71	0.033	<1	1.30	0.005	0.04	0.2	0.05	2.0	<0.1	<0.05	4	0.6	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: September 23, 2011

QUALITY CONTROL REPORT DAW11000269.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1151327	Soil	0.6	35.1	67.6	193	0.3	40.9	17.0	810	3.62	29.2	2.1	1.1	13.7	13	2.1	0.6	0.4	15	0.15	0.054
REP 1151327	QC	0.5	34.0	66.0	192	0.4	41.2	17.8	833	3.63	29.3	2.2	0.9	13.5	13	2.2	0.6	0.4	15	0.16	0.055
1151325	Soil	0.7	35.5	331.9	782	2.8	32.8	11.9	655	3.83	165.3	2.4	3.5	12.5	13	8.1	1.8	0.7	18	0.14	0.060
REP 1151325	QC	0.5	36.1	326.0	771	2.8	31.4	11.7	650	3.89	167.3	2.3	12.8	12.8	13	7.3	1.7	0.7	18	0.13	0.060
1151214	Soil	1.4	24.4	17.9	55	0.2	14.5	7.2	327	2.24	18.2	0.9	<0.5	1.7	6	0.2	0.6	0.3	39	0.05	0.051
REP 1151214	QC	1.2	24.9	18.5	56	0.2	13.8	6.8	329	2.22	18.2	0.9	1.5	1.5	7	0.2	0.7	0.4	39	0.06	0.049
1151218	Soil	0.5	16.1	16.7	45	<0.1	17.2	6.6	223	2.27	19.1	0.5	<0.5	3.3	7	0.1	0.5	0.2	28	0.07	0.038
REP 1151218	QC	0.6	16.3	17.6	47	<0.1	18.4	6.8	222	2.28	19.3	0.5	4.6	3.1	7	0.1	0.5	0.2	27	0.07	0.040
1078324	Soil	0.5	12.3	22.4	55	0.1	13.5	5.6	282	1.80	32.5	0.7	2.6	1.7	6	0.2	0.5	0.2	20	0.06	0.058
REP 1078324	QC	0.5	11.7	22.0	56	0.1	13.3	5.7	291	1.85	30.8	0.6	1.7	1.4	6	0.3	0.5	0.2	19	0.05	0.056
1076373	Soil	0.5	25.3	55.5	214	0.4	25.9	11.6	681	2.72	150.6	1.1	4.1	6.3	20	2.7	1.1	0.4	13	0.33	0.057
REP 1076373	QC	0.5	24.1	56.2	209	0.3	24.0	11.5	656	2.59	145.0	1.1	<0.5	7.1	20	2.8	1.1	0.4	14	0.33	0.058
1076370	Soil	0.5	20.8	22.3	70	<0.1	20.6	6.7	212	2.45	14.8	0.7	3.9	4.3	7	0.2	0.7	0.2	24	0.08	0.049
REP 1076370	QC	0.6	20.5	22.5	69	<0.1	21.7	6.8	217	2.50	15.0	0.7	2.4	4.1	7	0.2	0.7	0.2	24	0.08	0.049
1076352	Soil	0.6	43.2	54.6	157	0.6	37.9	19.6	982	3.39	222.1	1.8	11.5	6.9	26	1.3	0.6	0.6	21	0.17	0.062
REP 1076352	QC	0.8	42.6	52.6	158	0.5	35.8	19.3	957	3.32	218.5	1.9	12.3	6.5	26	1.4	0.7	0.5	21	0.17	0.061
Reference Materials																					
STD DS8	Standard	14.4	119.2	127.6	329	1.8	41.2	8.0	644	2.59	26.0	2.8	136.0	7.2	69	2.3	6.0	6.7	45	0.78	0.081
STD DS8	Standard	12.3	111.2	122.4	311	1.6	38.0	7.9	628	2.44	24.8	2.6	108.3	6.8	65	2.0	5.8	6.7	42	0.67	0.076
STD DS8	Standard	11.2	98.7	116.5	287	1.5	33.9	6.9	574	2.26	21.7	2.6	96.3	6.0	59	2.0	4.9	6.1	38	0.59	0.069
STD DS8	Standard	12.9	113.2	130.2	314	1.8	40.6	7.9	615	2.56	25.2	2.7	124.7	6.6	65	2.4	5.3	6.8	44	0.69	0.080
STD DS8	Standard	14.2	110.7	128.8	322	1.9	39.1	7.7	638	2.58	25.4	2.8	114.9	6.7	66	2.3	5.8	6.7	43	0.70	0.086
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: September 23, 2011

QUALITY CONTROL REPORT DAW11000269.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1151327	Soil	43	16	0.44	66	0.009	<1	1.15	0.003	0.05	<0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
REP 1151327	QC	44	17	0.44	66	0.009	<1	1.16	0.004	0.05	<0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1151325	Soil	42	15	0.37	65	0.008	<1	1.02	0.003	0.05	0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
REP 1151325	QC	42	15	0.37	67	0.008	<1	1.03	0.003	0.05	0.2	0.02	1.9	<0.1	<0.05	2	<0.5	<0.2
1151214	Soil	15	18	0.23	39	0.018	2	1.07	0.004	0.03	0.2	0.05	0.9	<0.1	<0.05	5	1.0	<0.2
REP 1151214	QC	15	18	0.23	38	0.020	<1	1.07	0.004	0.03	0.1	0.06	0.9	<0.1	<0.05	5	1.8	<0.2
1151218	Soil	14	18	0.34	59	0.013	1	1.21	0.003	0.03	0.1	0.03	1.2	0.1	<0.05	4	1.4	<0.2
REP 1151218	QC	14	19	0.36	61	0.013	<1	1.26	0.003	0.04	0.2	0.04	1.3	<0.1	<0.05	4	1.0	<0.2
1078324	Soil	11	12	0.18	64	0.005	2	0.84	0.003	0.04	0.1	0.02	0.7	<0.1	<0.05	3	0.9	0.2
REP 1078324	QC	11	12	0.19	63	0.005	1	0.81	0.003	0.04	0.1	0.02	0.5	<0.1	<0.05	3	1.5	<0.2
1076373	Soil	15	11	0.23	66	0.008	1	0.67	0.007	0.05	0.3	0.05	1.5	<0.1	<0.05	2	1.0	<0.2
REP 1076373	QC	16	11	0.22	69	0.011	1	0.67	0.008	0.06	0.4	0.05	1.4	<0.1	<0.05	2	2.6	0.3
1076370	Soil	20	16	0.39	86	0.010	1	1.27	0.003	0.04	0.1	0.01	1.2	0.1	<0.05	3	<0.5	<0.2
REP 1076370	QC	20	17	0.39	85	0.010	<1	1.29	0.003	0.04	0.1	0.03	1.3	0.1	<0.05	3	0.8	<0.2
1076352	Soil	21	22	0.62	134	0.006	<1	1.56	0.006	0.06	0.2	0.05	1.3	<0.1	<0.05	4	<0.5	<0.2
REP 1076352	QC	21	22	0.62	132	0.007	<1	1.52	0.005	0.06	0.2	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	126	0.67	286	0.125	2	0.97	0.092	0.42	3.0	0.22	2.3	5.5	0.18	5	5.6	5.1
STD DS8	Standard	14	117	0.60	266	0.111	<1	0.91	0.081	0.39	3.2	0.20	2.2	5.3	0.05	5	5.6	5.2
STD DS8	Standard	12	108	0.53	243	0.097	<1	0.82	0.073	0.37	2.9	0.16	2.1	5.0	<0.05	4	4.8	4.6
STD DS8	Standard	15	122	0.63	273	0.116	3	0.97	0.091	0.41	3.2	0.20	2.7	5.5	0.10	5	4.6	5.0
STD DS8	Standard	16	123	0.60	293	0.120	3	0.92	0.088	0.41	3.2	0.20	2.1	5.7	0.16	5	5.3	5.0
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: September 05, 2011
Report Date: September 23, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS DAW11000270.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-09
P.O. Number
Number of Samples: 160

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	160	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	160	Dry at 60C			WHI
1DX2	159	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 23, 2011

CERTIFICATE OF ANALYSIS DAW11000270.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1149651	Soil		1.0	12.6	13.6	55	<0.1	15.0	5.6	239	2.65	12.0	0.5	5.7	2.8	9	0.1	1.0	0.2	51	0.08	0.027
1149594	Soil		1.8	22.5	23.0	43	0.1	14.7	4.6	107	2.35	8.1	1.2	0.8	0.3	12	0.2	1.1	0.3	34	0.06	0.102
1149599	Soil		0.7	20.9	29.6	53	<0.1	17.7	6.3	110	2.02	7.2	1.0	1.8	5.6	10	<0.1	4.4	0.3	25	0.11	0.054
1149598	Soil		0.5	21.3	20.1	41	<0.1	14.2	4.6	89	1.77	3.9	1.1	2.9	6.0	8	<0.1	1.2	0.2	22	0.09	0.049
1149600	Soil		1.0	29.8	17.7	59	<0.1	22.7	9.5	233	2.40	8.3	1.5	1.8	7.9	13	0.2	2.1	0.3	27	0.12	0.057
1149597	Soil		0.7	16.4	16.0	51	<0.1	17.6	6.2	166	2.45	8.0	0.7	1.1	6.4	12	0.1	1.6	0.2	28	0.15	0.059
1149652	Soil		0.7	15.3	9.7	50	<0.1	21.0	9.1	297	2.09	11.2	0.5	1.8	3.1	8	0.1	0.7	0.2	33	0.08	0.028
1149596	Soil		0.6	17.8	15.8	54	<0.1	17.8	5.9	171	2.42	7.8	0.7	2.2	6.5	12	0.2	1.6	0.2	28	0.15	0.062
1149595	Soil		1.1	18.1	14.9	24	0.4	10.2	3.2	70	1.28	3.8	1.8	0.7	0.2	14	0.1	0.7	0.2	16	0.12	0.156
1149653	Soil		1.1	20.6	36.7	72	<0.1	18.3	6.1	245	2.73	12.8	1.1	4.8	3.9	16	0.2	2.8	0.3	22	0.08	0.055
1037435	Soil		0.6	24.1	13.7	52	<0.1	19.8	9.6	225	2.69	8.5	0.9	3.7	1.9	10	0.2	1.8	0.2	30	0.08	0.054
1037434	Soil		1.0	27.8	11.3	46	0.4	21.8	6.3	224	2.33	7.9	0.9	1.9	0.7	9	0.2	2.4	0.1	17	0.07	0.109
1037443	Soil		0.8	32.0	22.1	78	<0.1	41.3	17.3	586	3.40	14.8	1.1	4.8	6.0	15	0.2	7.6	0.2	27	0.16	0.074
1037436	Soil		0.9	34.1	15.8	65	0.1	30.3	9.7	309	2.79	10.1	1.2	3.8	5.2	11	0.1	1.8	0.2	31	0.10	0.049
1037441	Soil		0.7	11.7	11.9	34	<0.1	11.9	3.6	99	1.82	7.2	0.5	1.9	1.3	8	<0.1	1.0	0.2	35	0.09	0.040
1037439	Soil		0.9	26.2	19.8	66	<0.1	21.8	9.4	352	2.66	9.3	1.1	1.6	6.5	10	0.1	0.9	0.3	32	0.09	0.042
1037446	Soil		0.8	24.2	40.5	72	<0.1	22.0	6.9	231	2.35	39.3	0.7	5.0	4.5	13	0.3	11.4	0.2	30	0.16	0.058
1037442	Soil		0.8	32.6	21.8	80	<0.1	32.1	13.0	378	3.03	18.7	1.1	1.0	6.0	17	<0.1	10.3	0.2	25	0.10	0.055
1037440	Soil		0.6	20.9	16.6	53	<0.1	17.4	6.0	175	2.30	8.3	0.8	3.6	5.8	10	<0.1	2.1	0.2	26	0.09	0.044
1037438	Soil		1.0	15.2	21.2	47	<0.1	15.4	7.0	298	2.22	9.4	0.8	4.2	3.5	8	0.1	0.8	0.2	39	0.08	0.033
1037444	Soil		0.8	26.5	57.0	89	<0.1	22.1	8.3	281	2.53	33.4	0.8	5.2	4.7	10	0.3	11.7	0.2	33	0.11	0.049
1037437	Soil		1.0	17.3	15.7	52	0.1	19.0	9.3	248	2.43	11.8	1.0	1.9	4.3	10	0.2	0.8	0.2	39	0.10	0.047
1037445	Soil		0.8	24.5	47.9	83	<0.1	20.5	7.2	232	2.44	30.6	0.9	2.0	3.7	11	0.3	9.9	0.2	33	0.12	0.054
1049587	Soil		0.8	22.8	16.0	58	<0.1	22.2	6.8	200	2.54	6.7	1.1	9.2	8.5	19	0.1	1.4	0.3	30	0.23	0.070
1149583	Soil		0.8	21.7	15.5	50	<0.1	19.8	7.4	256	2.70	9.0	0.6	3.1	2.3	11	0.1	0.9	0.2	34	0.10	0.044
1149589	Soil		1.0	28.6	19.3	68	0.2	35.2	10.1	382	2.91	11.3	1.1	1.7	3.0	15	0.2	1.3	0.3	35	0.15	0.063
1149585	Soil		1.1	20.6	14.2	42	<0.1	17.2	7.3	278	2.33	7.9	0.7	2.4	0.9	8	<0.1	1.1	0.2	39	0.07	0.055
1149584	Soil		0.7	21.4	11.4	53	<0.1	20.0	6.7	187	2.45	7.5	0.6	2.9	1.8	13	0.2	1.0	0.2	33	0.13	0.056
1149588	Soil		0.8	18.5	14.8	50	<0.1	18.7	6.9	249	2.46	8.6	0.8	1.3	2.7	10	<0.1	1.2	0.2	32	0.10	0.047
1149586	Soil		0.9	16.8	13.8	33	0.3	15.2	4.3	178	1.60	4.9	0.9	2.6	0.1	13	0.2	0.7	0.2	28	0.14	0.145

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1149651	Soil	11	20	0.31	82	0.038	2	1.07	0.004	0.04	0.2	0.05	1.7	<0.1	<0.05	5	<0.5	<0.2
1149594	Soil	20	15	0.18	111	0.005	1	1.22	0.005	0.05	0.1	0.05	0.5	0.2	0.09	5	<0.5	<0.2
1149599	Soil	27	17	0.37	71	0.013	1	1.14	0.004	0.04	0.1	0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
1149598	Soil	28	16	0.40	62	0.009	1	1.16	0.004	0.05	0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1149600	Soil	35	18	0.38	128	0.022	2	1.13	0.004	0.05	0.2	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1149597	Soil	24	18	0.44	55	0.020	1	1.21	0.004	0.04	0.1	0.02	1.6	<0.1	<0.05	3	1.0	<0.2
1149652	Soil	11	19	0.35	82	0.025	1	1.34	0.005	0.04	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1149596	Soil	25	19	0.46	56	0.020	<1	1.25	0.004	0.04	0.1	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1149595	Soil	15	14	0.12	140	0.004	3	0.73	0.008	0.05	<0.1	0.13	0.8	<0.1	0.16	2	0.6	<0.2
1149653	Soil	26	12	0.21	65	0.008	2	0.99	0.005	0.06	0.1	0.03	1.2	0.1	<0.05	2	0.8	<0.2
1037435	Soil	22	20	0.35	73	0.010	1	1.37	0.004	0.07	0.1	0.04	1.5	0.1	<0.05	4	<0.5	<0.2
1037434	Soil	24	16	0.20	88	0.006	1	0.88	0.005	0.08	<0.1	0.09	0.8	<0.1	0.07	3	0.9	<0.2
1037443	Soil	34	21	0.30	88	0.013	<1	0.80	0.004	0.09	<0.1	0.01	2.8	<0.1	<0.05	2	<0.5	<0.2
1037436	Soil	31	29	0.49	122	0.014	1	1.40	0.004	0.08	0.1	0.03	2.7	0.1	<0.05	4	<0.5	<0.2
1037441	Soil	14	18	0.27	60	0.018	<1	1.07	0.004	0.04	0.1	0.02	1.7	0.1	<0.05	4	0.5	<0.2
1037439	Soil	30	20	0.36	68	0.017	<1	1.27	0.005	0.07	0.2	0.02	2.0	0.1	<0.05	3	<0.5	<0.2
1037446	Soil	20	19	0.33	84	0.023	1	1.11	0.006	0.07	0.2	0.03	2.1	0.1	<0.05	3	<0.5	<0.2
1037442	Soil	35	18	0.27	76	0.011	1	0.87	0.004	0.09	0.1	0.03	2.0	0.1	<0.05	2	<0.5	<0.2
1037440	Soil	32	16	0.26	63	0.017	1	0.96	0.005	0.07	0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1037438	Soil	20	17	0.28	60	0.024	<1	1.04	0.004	0.06	0.2	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
1037444	Soil	25	20	0.31	89	0.016	1	1.20	0.004	0.06	0.1	0.03	2.6	0.1	<0.05	3	<0.5	<0.2
1037437	Soil	21	20	0.36	110	0.021	<1	1.40	0.005	0.05	0.2	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1037445	Soil	24	20	0.32	94	0.020	2	1.24	0.005	0.07	0.1	0.03	2.6	0.1	<0.05	3	<0.5	<0.2
1049587	Soil	30	19	0.36	83	0.025	1	0.94	0.006	0.08	0.3	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1149583	Soil	18	21	0.40	65	0.022	1	1.10	0.004	0.05	0.2	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1149589	Soil	27	34	0.47	133	0.017	1	1.07	0.005	0.10	0.2	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
1149585	Soil	19	19	0.20	58	0.014	1	0.95	0.004	0.05	0.1	0.03	1.5	0.1	0.06	4	<0.5	<0.2
1149584	Soil	18	22	0.43	66	0.023	<1	1.22	0.005	0.06	0.2	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
1149588	Soil	23	19	0.33	86	0.019	1	1.01	0.005	0.07	0.2	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1149586	Soil	12	18	0.15	161	0.007	1	1.00	0.007	0.07	0.1	0.09	0.9	0.1	0.17	3	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1149582	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1149590	Soil	1.2	33.7	20.6	76	0.2	31.7	10.8	415	3.16	11.3	1.2	5.2	2.7	14	0.2	1.4	0.3	40	0.10	0.067
1149591	Soil	0.9	26.9	15.6	65	0.1	26.2	8.8	307	2.82	9.8	1.1	7.3	4.4	14	0.2	1.4	0.2	30	0.12	0.063
1149593	Soil	1.1	26.6	16.6	71	<0.1	28.2	9.0	283	2.71	8.7	1.2	2.2	4.7	18	0.2	1.5	0.2	33	0.18	0.075
1149592	Soil	1.3	17.9	18.6	62	0.1	19.8	10.1	610	2.73	10.8	0.9	2.6	2.5	12	0.2	1.6	0.3	34	0.12	0.062
1098318	Soil	1.2	24.2	21.2	69	0.1	26.8	10.8	479	2.99	15.1	0.9	3.9	3.6	31	0.1	5.8	0.3	36	0.28	0.057
1098313	Soil	1.2	16.1	23.3	56	<0.1	18.0	8.2	552	2.44	11.5	0.8	2.3	0.4	9	1.0	7.9	0.2	33	0.06	0.072
1098315	Soil	0.9	18.8	23.4	65	<0.1	23.3	8.9	294	2.98	11.9	0.9	2.5	2.0	43	0.2	4.0	0.3	39	0.35	0.071
1098314	Soil	1.0	17.6	17.5	55	<0.1	21.5	9.1	287	2.63	9.7	0.8	<0.5	1.1	17	0.1	2.4	0.2	38	0.14	0.063
1098316	Soil	1.1	17.4	15.1	44	0.2	19.2	7.0	405	2.03	6.8	0.8	<0.5	0.5	38	0.2	1.5	0.2	30	0.40	0.047
1098319	Soil	1.2	13.7	24.0	43	<0.1	14.9	5.4	156	1.76	17.0	0.5	1.8	1.3	11	0.1	13.2	0.2	32	0.07	0.031
1098320	Soil	0.9	16.0	17.2	44	0.1	18.6	6.1	154	2.06	10.2	0.8	5.1	0.9	13	<0.1	2.6	0.2	36	0.11	0.046
1098324	Soil	1.1	24.6	30.0	77	0.1	27.1	13.1	476	2.88	12.4	1.0	1.9	4.4	39	0.2	2.6	0.2	44	0.31	0.076
1098317	Soil	0.9	11.7	15.7	23	0.3	8.0	2.8	64	1.83	12.2	0.6	1.0	0.7	5	0.2	3.9	0.2	34	0.04	0.042
1098322	Soil	1.1	28.5	27.6	73	0.2	33.2	12.8	532	3.10	14.7	1.1	2.5	3.7	60	0.2	2.6	0.2	44	0.70	0.066
1098321	Soil	1.3	29.4	31.1	77	0.2	33.4	11.7	382	3.12	15.0	1.2	2.7	4.0	43	0.1	4.9	0.2	45	0.34	0.052
1098323	Soil	1.1	28.3	21.6	67	0.2	29.1	12.0	786	2.58	13.2	1.0	1.1	3.7	63	0.2	4.4	0.2	33	0.69	0.075
1098303	Soil	13.0	11.8	31.7	73	<0.1	12.7	4.5	607	1.94	3.6	0.7	0.8	4.1	32	0.2	0.5	0.2	61	0.14	0.067
1098304	Soil	4.5	29.8	41.0	115	<0.1	30.7	16.4	1189	3.57	17.9	3.3	5.2	7.0	60	0.3	5.8	0.4	55	0.26	0.095
1098306	Soil	2.1	20.9	19.4	79	<0.1	31.8	14.3	767	3.10	15.5	0.8	<0.5	3.5	17	0.2	2.7	0.2	48	0.14	0.045
1098308	Soil	0.9	14.1	9.8	48	<0.1	15.6	6.1	274	1.97	9.5	0.6	1.3	0.5	15	0.2	0.7	0.2	35	0.13	0.051
1098305	Soil	8.9	19.1	37.9	76	0.2	28.2	13.0	1651	3.36	8.5	1.2	4.4	3.9	78	0.2	1.2	0.5	87	0.40	0.084
1098301	Soil	3.6	27.6	41.1	86	0.1	31.8	13.8	789	3.27	15.4	2.9	2.6	5.2	36	0.2	2.8	0.3	56	0.22	0.070
1098310	Soil	0.9	39.5	26.1	82	0.2	39.8	13.3	429	3.40	13.1	2.2	3.0	6.1	48	0.1	2.1	0.4	30	0.42	0.065
1098309	Soil	0.5	10.1	10.1	28	<0.1	9.8	3.7	127	1.42	7.3	0.5	<0.5	0.4	8	<0.1	0.5	0.2	36	0.07	0.030
1098311	Soil	1.3	38.6	31.3	87	0.2	42.8	27.1	1514	3.62	14.6	1.5	<0.5	6.6	55	0.3	3.1	0.4	30	0.56	0.062
1098307	Soil	1.0	11.4	11.4	48	<0.1	15.6	7.4	322	2.11	9.6	0.6	1.6	1.2	14	<0.1	0.7	0.2	41	0.13	0.040
1098312	Soil	0.7	9.1	14.6	35	0.3	12.0	4.7	184	1.32	7.6	0.6	<0.5	0.4	25	<0.1	2.8	0.2	27	0.21	0.053
1098302	Soil	5.8	22.9	38.0	91	0.2	25.5	10.9	1030	3.35	12.9	2.2	0.7	2.9	60	0.1	3.6	0.4	54	0.24	0.091
1098327	Soil	1.0	16.0	35.1	61	0.3	16.5	7.0	291	1.98	11.5	0.6	4.6	1.5	18	0.4	10.7	0.2	37	0.14	0.055

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 23, 2011

CERTIFICATE OF ANALYSIS DAW11000270.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1149582	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1149590	Soil	24	28	0.41	146	0.015	2	1.45	0.006	0.09	0.2	0.05	2.2	0.1	<0.05	4	<0.5	<0.2
1149591	Soil	31	23	0.44	104	0.017	<1	1.14	0.005	0.08	0.1	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1149593	Soil	28	20	0.42	100	0.029	1	1.11	0.006	0.07	0.2	0.02	1.9	<0.1	0.07	3	<0.5	<0.2
1149592	Soil	27	21	0.35	123	0.017	1	1.07	0.005	0.08	0.2	0.04	1.7	<0.1	0.05	4	0.8	<0.2
1098318	Soil	22	26	0.47	151	0.023	1	1.16	0.008	0.08	0.2	0.02	2.5	0.1	<0.05	4	<0.5	<0.2
1098313	Soil	20	28	0.37	109	0.008	1	1.08	0.003	0.05	0.1	0.02	0.6	<0.1	<0.05	4	0.6	<0.2
1098315	Soil	23	28	0.57	107	0.018	2	1.28	0.005	0.07	0.2	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
1098314	Soil	22	33	0.51	96	0.016	<1	1.31	0.004	0.06	0.1	0.03	1.3	<0.1	<0.05	4	0.8	<0.2
1098316	Soil	24	25	0.43	138	0.012	2	0.96	0.005	0.05	0.1	0.04	1.0	<0.1	<0.05	4	<0.5	<0.2
1098319	Soil	18	20	0.27	58	0.016	<1	0.81	0.005	0.06	0.2	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1098320	Soil	17	33	0.42	94	0.020	<1	1.24	0.005	0.05	0.2	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1098324	Soil	26	38	0.63	200	0.030	<1	1.39	0.006	0.13	0.2	0.03	3.3	0.2	<0.05	5	0.6	<0.2
1098317	Soil	16	23	0.14	39	0.011	<1	0.94	0.003	0.04	0.1	0.05	1.3	0.1	0.06	5	0.5	<0.2
1098322	Soil	21	36	0.59	214	0.024	1	1.46	0.006	0.09	0.2	0.03	3.2	0.1	<0.05	4	0.7	<0.2
1098321	Soil	25	43	0.67	180	0.018	1	1.56	0.007	0.08	0.2	0.04	3.5	0.1	<0.05	5	0.6	<0.2
1098323	Soil	21	31	0.52	243	0.017	1	1.21	0.006	0.06	0.1	0.05	2.6	<0.1	<0.05	4	0.6	<0.2
1098303	Soil	39	46	0.44	133	0.054	2	0.67	0.014	0.27	0.2	0.03	3.3	0.2	<0.05	5	0.7	<0.2
1098304	Soil	81	42	0.73	151	0.049	2	1.52	0.007	0.17	0.2	0.02	3.6	0.2	<0.05	5	0.6	<0.2
1098306	Soil	17	51	0.57	123	0.042	1	1.42	0.006	0.08	0.1	0.03	3.2	0.1	<0.05	4	0.6	<0.2
1098308	Soil	14	20	0.30	178	0.017	<1	1.06	0.004	0.04	0.1	0.03	1.1	0.1	<0.05	4	0.6	<0.2
1098305	Soil	28	68	0.73	365	0.070	1	1.39	0.008	0.21	0.2	0.03	5.5	0.2	<0.05	6	0.7	<0.2
1098301	Soil	39	48	0.66	171	0.055	1	1.40	0.007	0.14	0.2	0.03	4.4	0.2	<0.05	5	0.7	<0.2
1098310	Soil	34	71	0.90	94	0.021	<1	1.70	0.006	0.17	<0.1	0.02	2.7	0.2	<0.05	5	0.6	<0.2
1098309	Soil	13	19	0.22	68	0.014	<1	0.96	0.003	0.03	<0.1	0.04	1.3	<0.1	<0.05	4	0.6	<0.2
1098311	Soil	32	68	0.90	102	0.022	1	1.65	0.005	0.17	<0.1	0.02	2.4	0.2	<0.05	5	<0.5	<0.2
1098307	Soil	16	28	0.35	103	0.024	<1	1.18	0.005	0.05	0.2	0.03	1.7	0.1	<0.05	4	0.9	<0.2
1098312	Soil	17	23	0.35	62	0.008	<1	0.84	0.006	0.05	0.1	0.04	0.9	0.1	<0.05	3	<0.5	<0.2
1098302	Soil	56	41	0.58	153	0.033	<1	1.27	0.007	0.12	0.1	0.03	2.6	0.2	<0.05	5	0.7	<0.2
1098327	Soil	18	21	0.35	122	0.022	<1	0.92	0.005	0.09	0.2	0.05	1.8	0.1	<0.05	4	<0.5	<0.2

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Project: MHR
Report Date: September 23, 2011

CERTIFICATE OF ANALYSIS DAW11000270.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098325	Soil		1.3	25.3	25.3	72	<0.1	30.2	11.6	343	3.11	12.9	0.8	6.7	7.1	24	0.1	3.0	0.3	49	0.14	0.060
1098328	Soil		1.6	52.9	44.3	124	0.2	66.4	31.2	1803	4.91	31.1	2.0	4.1	7.1	80	0.5	9.3	0.4	46	0.50	0.092
1098326	Soil		0.9	18.5	15.6	56	<0.1	20.0	9.7	393	2.25	9.9	1.0	2.2	2.3	20	<0.1	1.0	0.2	35	0.21	0.056
1098213	Soil		1.5	24.8	11.8	77	<0.1	31.3	12.3	426	3.44	10.4	0.7	17.6	5.7	25	0.2	1.6	0.2	62	0.20	0.066
1096471	Soil		6.2	14.2	58.6	101	0.2	24.0	9.7	998	3.15	12.3	0.9	3.0	8.5	33	0.9	10.6	0.4	66	0.14	0.047
1098215	Soil		2.3	57.0	10.2	113	0.2	104.0	30.4	1963	8.49	6.3	1.2	7.1	3.0	86	0.4	6.1	<0.1	100	0.64	0.210
1098214	Soil		2.8	33.0	22.7	120	0.2	44.3	19.4	1104	3.83	9.2	1.1	2.9	9.2	77	0.4	1.2	0.4	71	0.37	0.109
1098216	Soil		1.8	21.7	15.6	68	0.1	24.8	11.3	479	3.13	13.4	1.0	1.4	4.5	22	0.1	1.9	0.2	50	0.16	0.064
1098217	Soil		1.2	21.7	13.7	66	<0.1	21.9	9.0	380	2.64	14.5	1.0	1.3	3.5	14	0.2	2.6	0.2	41	0.11	0.059
1098218	Soil		2.0	15.2	12.9	43	<0.1	15.2	6.3	339	1.98	11.1	0.6	2.7	1.0	12	0.2	3.0	0.2	33	0.09	0.047
1098219	Soil		2.6	22.7	26.7	103	0.2	100.8	35.4	2533	8.49	38.2	0.8	5.0	8.7	94	0.2	5.8	0.2	126	0.77	0.153
1098220	Soil		1.7	20.6	14.7	66	<0.1	30.4	13.1	767	3.93	15.7	0.7	6.6	3.4	30	0.2	1.3	0.2	61	0.20	0.070
1098221	Soil		1.0	10.0	10.0	19	<0.1	7.7	3.0	73	1.00	3.8	0.5	1.4	0.1	4	<0.1	0.4	0.2	34	0.03	0.055
1098222	Soil		0.9	24.1	14.4	54	<0.1	22.1	9.5	314	2.41	10.8	0.8	5.8	2.1	8	0.2	0.8	0.2	36	0.08	0.050
1098223	Soil		0.9	28.0	151.7	117	0.2	25.5	10.1	479	2.65	125.3	0.7	10.0	2.4	11	0.8	26.2	0.2	30	0.10	0.053
1098202	Soil		1.3	11.8	20.2	49	<0.1	12.3	4.5	187	2.25	10.5	0.4	2.5	1.4	6	<0.1	0.8	0.2	45	0.05	0.024
1098201	Soil		1.3	18.9	19.8	77	<0.1	18.6	8.5	407	2.42	10.4	0.6	3.0	2.0	8	0.3	1.5	0.2	39	0.07	0.035
1098203	Soil		2.1	16.4	18.0	59	<0.1	15.2	7.2	349	2.68	11.5	0.7	5.8	1.0	6	0.2	4.0	0.2	47	0.05	0.060
1098206	Soil		1.3	20.9	26.8	82	0.2	23.1	10.9	798	2.71	18.1	0.8	4.4	4.1	12	0.4	5.3	0.2	39	0.09	0.052
1098204	Soil		2.4	26.0	114.5	154	0.2	25.7	10.2	754	2.95	45.0	0.9	6.3	1.6	9	0.9	27.1	0.2	35	0.06	0.054
1098205	Soil		7.4	76.5	34.4	138	0.3	95.2	42.5	2180	7.82	23.4	1.0	10.3	12.2	112	0.3	31.7	0.1	141	0.81	0.207
1098208	Soil		3.0	78.0	204.3	404	1.3	61.4	33.1	2239	8.03	252.1	2.1	18.3	11.8	86	2.0	43.5	0.3	85	0.57	0.177
1098207	Soil		1.2	25.2	17.2	62	<0.1	20.4	11.7	557	3.39	12.7	0.6	3.3	3.8	10	<0.1	1.6	0.2	86	0.08	0.033
1098209	Soil		1.9	69.5	41.2	163	0.2	122.6	40.9	1831	7.86	17.6	0.9	6.8	10.2	120	0.3	4.3	0.1	209	0.87	0.178
1098210	Soil		1.7	23.5	37.4	66	<0.1	24.3	10.5	508	2.99	13.4	0.8	4.0	3.3	10	0.2	1.7	0.2	45	0.08	0.047
1098211	Soil		2.2	28.5	27.0	103	<0.1	37.4	15.7	922	3.65	19.7	1.5	5.7	4.2	29	0.2	4.9	0.2	70	0.15	0.070
1098212	Soil		2.1	28.9	26.2	103	<0.1	37.1	15.3	863	3.55	19.4	1.6	8.0	4.0	27	0.2	4.7	0.2	68	0.14	0.067
1098224	Soil		1.9	27.1	79.5	129	0.1	29.4	10.1	501	2.89	45.5	0.9	5.2	3.5	19	0.5	26.6	0.2	38	0.17	0.064
1098225	Soil		1.0	25.3	25.8	91	0.2	29.0	10.7	549	2.42	17.3	0.9	15.8	5.5	18	0.5	4.7	0.1	34	0.22	0.084
1098226	Soil		1.2	18.5	13.9	52	<0.1	22.6	7.9	392	2.16	10.8	0.7	15.5	1.2	15	0.2	2.3	0.2	34	0.14	0.057

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098325	Soil		29	38	0.63	114	0.047	<1	1.49	0.006	0.13	0.1	0.04	3.3	0.2	<0.05	5	0.8	<0.2
1098328	Soil		31	46	1.00	119	0.047	1	1.88	0.005	0.28	0.1	0.04	4.2	0.3	<0.05	6	1.0	<0.2
1098326	Soil		21	22	0.42	180	0.018	<1	1.18	0.007	0.06	0.2	0.04	2.1	0.1	<0.05	4	0.6	<0.2
1098213	Soil		22	41	0.68	117	0.091	<1	1.30	0.007	0.18	0.3	0.03	3.8	0.2	<0.05	5	0.6	<0.2
1096471	Soil		30	49	0.44	180	0.069	1	1.24	0.006	0.09	0.3	0.04	4.0	0.1	<0.05	5	0.5	<0.2
1098215	Soil		14	70	1.39	361	0.138	1	2.01	0.006	0.70	0.2	0.05	11.9	0.8	<0.05	6	<0.5	<0.2
1098214	Soil		36	62	0.78	278	0.122	1	1.39	0.009	0.30	0.2	0.05	5.1	0.3	<0.05	5	0.8	<0.2
1098216	Soil		26	30	0.50	131	0.048	<1	1.34	0.005	0.09	0.2	0.03	2.8	0.1	<0.05	4	0.6	<0.2
1098217	Soil		20	23	0.38	112	0.032	1	1.22	0.005	0.06	0.2	0.05	2.5	0.1	<0.05	4	<0.5	<0.2
1098218	Soil		18	16	0.19	67	0.017	<1	0.71	0.003	0.04	0.3	0.05	1.3	<0.1	<0.05	3	0.6	<0.2
1098219	Soil		27	178	2.05	252	0.100	<1	2.39	0.006	0.75	0.2	0.03	13.0	0.3	<0.05	8	0.6	<0.2
1098220	Soil		21	44	0.51	181	0.036	<1	1.40	0.006	0.08	0.2	0.01	3.5	0.2	<0.05	5	0.5	<0.2
1098221	Soil		9	15	0.13	45	0.005	<1	0.82	0.003	0.04	<0.1	0.05	0.1	<0.1	<0.05	4	<0.5	<0.2
1098222	Soil		15	24	0.33	144	0.014	<1	1.35	0.004	0.04	0.2	0.05	2.2	<0.1	<0.05	4	<0.5	<0.2
1098223	Soil		14	20	0.30	95	0.012	<1	0.99	0.003	0.05	0.2	0.05	2.0	<0.1	<0.05	3	<0.5	<0.2
1098202	Soil		10	18	0.22	54	0.020	<1	1.06	0.003	0.04	0.2	0.07	1.1	<0.1	<0.05	4	0.8	<0.2
1098201	Soil		12	19	0.27	80	0.017	<1	1.21	0.004	0.05	0.2	0.04	1.7	0.1	<0.05	4	<0.5	<0.2
1098203	Soil		12	22	0.15	75	0.017	1	0.81	0.004	0.04	0.3	0.08	1.3	<0.1	<0.05	4	<0.5	<0.2
1098206	Soil		16	21	0.26	93	0.023	<1	0.98	0.003	0.06	0.3	0.06	2.3	<0.1	<0.05	3	0.6	<0.2
1098204	Soil		14	23	0.17	65	0.013	2	0.84	0.004	0.07	0.3	0.10	1.4	<0.1	<0.05	3	0.7	<0.2
1098205	Soil		17	162	1.30	272	0.221	1	1.70	0.007	0.77	0.2	0.05	16.7	0.6	<0.05	7	0.6	<0.2
1098208	Soil		36	54	0.62	241	0.050	<1	1.36	0.005	0.24	0.2	0.07	11.2	0.2	0.07	5	<0.5	<0.2
1098207	Soil		19	28	0.50	124	0.085	<1	1.43	0.005	0.11	0.2	0.06	3.1	0.2	0.06	5	0.5	<0.2
1098209	Soil		25	239	2.13	644	0.335	1	2.72	0.008	1.31	<0.1	0.05	16.8	1.0	<0.05	13	<0.5	<0.2
1098210	Soil		16	26	0.38	217	0.032	<1	1.26	0.005	0.08	0.2	0.05	2.2	0.1	<0.05	4	<0.5	<0.2
1098211	Soil		23	59	0.57	154	0.054	<1	1.38	0.005	0.12	0.2	0.05	3.9	0.1	<0.05	5	<0.5	<0.2
1098212	Soil		26	56	0.56	161	0.051	1	1.40	0.005	0.11	0.2	0.04	3.6	0.2	0.05	5	<0.5	<0.2
1098224	Soil		20	24	0.38	140	0.021	<1	1.17	0.005	0.06	0.2	0.05	2.2	<0.1	<0.05	3	0.6	<0.2
1098225	Soil		18	21	0.39	115	0.037	<1	0.99	0.006	0.05	0.4	0.06	2.2	<0.1	<0.05	3	<0.5	<0.2
1098226	Soil		17	21	0.31	103	0.021	<1	0.88	0.005	0.05	0.2	0.04	1.5	<0.1	<0.05	3	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 23, 2011

CERTIFICATE OF ANALYSIS DAW11000270.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098227	Soil		1.2	20.3	13.0	56	<0.1	21.4	8.1	402	2.44	11.6	0.9	8.2	2.1	14	<0.1	1.5	0.2	36	0.14	0.056
1098228	Soil		1.2	21.7	14.4	61	<0.1	23.0	8.9	415	2.48	11.3	1.0	5.2	2.0	19	0.2	1.8	0.2	38	0.16	0.062
1098230	Soil		1.8	53.1	36.3	87	0.3	45.8	21.3	864	3.46	10.2	1.5	14.9	6.0	37	0.2	3.1	0.5	32	0.30	0.075
1098229	Soil		1.6	52.7	36.7	89	0.2	46.3	22.0	892	3.47	10.7	1.4	22.8	5.9	38	0.3	3.0	0.5	33	0.31	0.077
1098231	Soil		1.1	17.4	18.4	54	<0.1	19.2	8.9	390	2.58	10.8	0.8	<0.5	2.1	17	0.2	1.3	0.3	37	0.12	0.063
1098232	Soil		1.9	44.8	38.3	122	0.2	44.2	22.6	1265	4.82	19.2	1.3	26.7	6.8	59	0.3	2.4	0.4	66	0.44	0.109
1098234	Soil		1.5	29.4	32.8	88	<0.1	25.5	12.3	309	2.85	13.2	1.6	1.8	5.6	18	0.3	5.2	0.3	27	0.11	0.060
1098233	Soil		1.1	26.4	25.5	84	<0.1	23.8	10.9	640	2.66	10.5	0.9	3.2	5.0	28	0.3	0.8	0.3	42	0.21	0.069
1099301	Soil		1.1	53.5	24.3	80	0.2	35.0	14.8	472	3.79	19.4	0.9	4.6	5.4	19	0.3	9.7	0.3	49	0.09	0.047
1099302	Soil		1.3	27.5	23.4	64	0.1	25.5	10.0	506	3.01	12.4	1.3	2.0	1.7	23	0.1	3.3	0.4	34	0.15	0.074
1099303	Soil		0.9	33.0	29.4	60	0.1	18.8	10.1	314	3.03	8.5	2.6	0.5	10.7	22	<0.1	3.4	0.6	13	0.05	0.054
1099304	Soil		0.9	17.8	23.8	54	<0.1	15.5	7.6	334	2.56	10.6	0.9	4.6	2.4	7	0.2	1.6	0.3	37	0.06	0.039
1099305	Soil		1.6	14.1	19.8	46	<0.1	14.7	6.5	278	2.45	13.4	1.0	4.3	1.3	7	<0.1	1.1	0.2	37	0.05	0.051
1099308	Soil		0.8	25.5	13.9	61	0.2	20.8	8.9	319	2.46	7.9	0.8	3.8	4.3	14	0.2	1.9	0.2	34	0.15	0.049
1099306	Soil		0.9	30.0	21.4	82	<0.1	29.0	13.3	505	2.74	15.6	1.0	1.6	5.4	11	0.2	2.3	0.3	36	0.11	0.044
1099307	Soil		1.0	43.0	33.9	103	0.2	36.6	16.1	1224	3.71	20.9	1.2	18.2	8.9	28	0.5	7.3	0.2	39	0.25	0.128
1099310	Soil		0.9	29.6	10.6	65	0.1	28.0	9.6	305	2.72	7.2	0.8	2.3	5.8	21	0.1	1.7	0.2	31	0.19	0.068
1099309	Soil		1.2	25.3	11.0	55	<0.1	23.6	9.1	299	2.86	10.6	0.6	2.6	1.2	11	<0.1	3.6	0.2	36	0.10	0.053
1099312	Soil		2.6	46.5	24.0	66	0.2	31.4	19.2	892	4.29	23.2	1.6	6.0	18.0	48	0.1	8.3	0.4	19	0.25	0.077
1099311	Soil		5.1	53.5	63.3	93	0.1	54.7	28.3	1508	7.71	105.3	1.1	4.1	9.3	40	0.2	23.8	0.3	23	0.15	0.120
1099314	Soil		1.1	39.3	27.7	59	0.2	29.9	15.3	607	3.28	17.5	2.1	3.2	12.4	27	0.2	7.7	0.6	11	0.14	0.048
1099316	Soil		1.5	35.4	67.8	83	0.3	32.0	13.8	951	3.78	17.4	1.6	3.8	2.8	57	0.4	7.2	0.4	30	0.48	0.103
1099313	Soil		2.1	37.8	22.5	68	0.1	28.0	16.2	695	3.95	17.7	1.8	2.5	9.5	71	0.2	5.8	0.4	16	0.53	0.079
1099315	Soil		1.2	31.3	25.3	65	0.2	23.8	11.8	577	3.04	14.1	1.8	10.7	5.6	45	0.1	4.9	0.3	18	0.35	0.066
1099317	Soil		1.5	39.4	47.8	79	0.3	30.3	14.0	664	3.96	31.4	2.2	5.7	11.3	55	0.4	8.2	0.5	16	0.17	0.075
1099319	Soil		1.3	24.5	57.5	89	0.2	26.2	12.1	453	3.32	18.4	1.6	22.9	6.9	23	0.2	8.8	0.4	35	0.14	0.052
1099318	Soil		1.4	36.3	35.9	69	0.2	26.0	13.5	620	3.80	15.7	2.1	0.9	6.6	34	0.2	3.4	0.6	22	0.14	0.059
1099320	Soil		1.1	40.5	48.1	99	0.2	35.9	15.0	808	3.25	18.0	2.2	4.1	9.8	20	0.4	6.9	0.4	27	0.15	0.062
1099322	Soil		1.1	42.7	40.8	107	0.2	49.9	21.9	906	4.41	13.9	1.7	8.6	8.6	58	0.4	2.9	0.3	80	0.48	0.117
1099323	Soil		1.5	40.3	50.2	107	0.2	42.2	21.8	1516	4.76	12.6	2.0	4.3	7.0	50	0.2	2.3	0.4	80	0.37	0.073

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098227	Soil		18	22	0.34	110	0.025	<1	1.09	0.005	0.05	0.2	0.05	1.8	<0.1	<0.05	3	<0.5	<0.2
1098228	Soil		17	24	0.36	127	0.026	<1	1.11	0.005	0.06	0.2	0.06	1.8	<0.1	<0.05	3	<0.5	<0.2
1098230	Soil		17	22	0.46	233	0.046	<1	0.90	0.009	0.16	0.2	0.04	2.9	0.1	0.09	3	<0.5	<0.2
1098229	Soil		16	22	0.47	239	0.047	<1	0.91	0.009	0.16	0.2	0.04	3.1	0.1	0.09	3	<0.5	<0.2
1098231	Soil		13	22	0.37	95	0.024	2	1.02	0.005	0.07	0.3	0.04	1.9	0.1	0.10	3	0.9	<0.2
1098232	Soil		18	39	0.72	211	0.053	2	1.46	0.006	0.20	0.4	0.06	5.4	0.2	0.09	5	1.1	<0.2
1098234	Soil		26	17	0.27	74	0.018	2	0.75	0.004	0.08	0.2	0.03	1.5	0.1	0.12	3	0.8	<0.2
1098233	Soil		17	24	0.42	129	0.034	2	0.96	0.004	0.07	0.6	0.03	2.5	0.1	0.08	3	<0.5	<0.2
1099301	Soil		21	30	0.56	104	0.025	1	1.08	0.005	0.06	0.3	0.04	3.1	0.1	0.09	4	<0.5	0.2
1099302	Soil		21	18	0.23	163	0.010	2	0.88	0.006	0.08	0.4	0.05	1.6	<0.1	0.11	3	0.7	<0.2
1099303	Soil		62	9	0.11	79	0.003	2	0.52	0.005	0.12	0.1	0.04	1.7	0.1	0.07	<1	<0.5	<0.2
1099304	Soil		21	18	0.24	60	0.017	1	1.03	0.004	0.05	0.2	0.06	1.3	0.1	0.07	3	0.8	<0.2
1099305	Soil		17	20	0.18	56	0.017	1	0.79	0.003	0.05	0.3	0.05	1.1	0.1	0.08	4	<0.5	<0.2
1099308	Soil		15	20	0.34	174	0.027	2	1.01	0.005	0.06	0.2	0.05	3.0	<0.1	<0.05	3	0.6	<0.2
1099306	Soil		19	20	0.35	80	0.032	2	1.09	0.005	0.06	0.4	0.05	2.2	0.1	<0.05	3	<0.5	<0.2
1099307	Soil		20	22	0.34	187	0.030	2	1.06	0.006	0.06	0.3	0.06	5.2	0.1	<0.05	3	0.9	<0.2
1099310	Soil		26	21	0.42	128	0.026	1	0.99	0.005	0.08	0.2	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
1099309	Soil		16	21	0.29	72	0.015	1	1.00	0.004	0.07	0.1	0.05	1.6	0.1	<0.05	3	<0.5	<0.2
1099312	Soil		57	9	0.26	45	0.009	2	0.54	0.003	0.12	0.1	0.03	2.9	0.1	<0.05	2	0.5	<0.2
1099311	Soil		21	14	0.13	119	0.004	2	0.54	0.009	0.08	0.2	0.10	4.4	0.1	0.11	2	<0.5	<0.2
1099314	Soil		45	9	0.15	59	0.003	1	0.44	0.003	0.10	<0.1	0.03	1.7	<0.1	<0.05	1	<0.5	<0.2
1099316	Soil		18	31	0.44	164	0.011	2	1.10	0.005	0.10	0.1	0.07	2.3	0.1	0.13	3	1.4	<0.2
1099313	Soil		39	11	0.32	54	0.005	3	0.62	0.006	0.10	<0.1	0.04	2.2	0.1	0.12	2	<0.5	<0.2
1099315	Soil		26	15	0.26	106	0.009	2	0.63	0.006	0.10	0.2	0.04	2.0	<0.1	0.10	2	0.6	<0.2
1099317	Soil		36	16	0.22	78	0.007	1	0.54	0.009	0.10	0.1	0.02	2.3	0.1	0.13	1	0.5	<0.2
1099319	Soil		28	29	0.38	95	0.019	2	0.98	0.004	0.09	0.4	0.05	2.3	0.1	0.07	3	<0.5	<0.2
1099318	Soil		33	19	0.32	122	0.006	1	0.87	0.006	0.10	0.2	0.04	1.8	<0.1	0.10	2	<0.5	<0.2
1099320	Soil		33	19	0.37	121	0.023	1	0.90	0.004	0.09	0.3	0.04	2.8	0.1	<0.05	3	<0.5	<0.2
1099322	Soil		21	78	1.05	180	0.162	<1	1.59	0.007	0.32	0.3	0.04	6.4	0.4	<0.05	5	<0.5	<0.2
1099323	Soil		23	65	1.00	264	0.104	2	1.87	0.017	0.27	0.3	0.07	6.1	0.4	0.06	6	0.9	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1099321	Soil	1.1	31.3	131.5	115	0.3	32.9	13.9	639	3.21	13.7	1.3	0.8	5.6	15	0.9	4.0	0.5	39	0.14	0.056
1099324	Soil	1.4	40.9	38.4	108	0.2	69.5	23.4	1052	4.69	10.1	1.7	6.7	8.8	54	0.3	1.9	0.4	79	0.41	0.101
1099325	Soil	1.6	29.7	38.9	75	0.2	30.7	13.6	587	3.67	13.7	1.5	3.9	3.5	14	<0.1	1.5	0.4	57	0.12	0.062
1099326	Soil	1.2	29.1	38.1	74	0.2	30.0	13.1	555	3.72	14.0	1.5	2.2	3.3	16	<0.1	1.5	0.4	57	0.12	0.065
1099327	Soil	1.3	26.6	20.5	88	0.1	33.5	12.4	602	3.09	12.1	1.3	24.9	5.6	23	0.8	1.6	0.3	45	0.24	0.088
1099328	Soil	1.7	9.5	10.8	21	<0.1	7.9	2.6	109	1.17	4.5	0.6	<0.5	0.2	7	<0.1	0.5	0.2	36	0.05	0.059
1099329	Soil	1.3	40.4	36.5	103	0.2	32.9	17.2	909	3.44	11.7	1.6	7.1	5.8	32	0.3	3.5	0.6	47	0.25	0.085
1099413	Soil	0.6	74.2	11.1	59	<0.1	34.9	18.3	744	4.02	9.7	0.6	3.9	2.6	10	0.1	0.7	0.1	64	0.13	0.054
1099424	Soil	0.8	23.0	15.2	53	<0.1	18.5	7.2	205	2.69	8.4	1.2	2.8	2.5	9	<0.1	0.8	0.3	31	0.07	0.043
1099422	Soil	1.0	27.7	17.9	56	<0.1	20.8	8.1	237	2.76	9.1	1.5	1.6	4.0	10	0.1	1.1	0.2	29	0.08	0.046
1099418	Soil	0.5	32.0	16.5	49	<0.1	19.6	9.8	137	2.38	11.2	0.5	3.7	5.4	6	<0.1	4.5	0.3	33	0.08	0.026
1099415	Soil	0.6	104.1	10.0	68	<0.1	50.3	25.4	692	4.80	5.5	0.6	15.9	4.7	10	0.1	2.0	0.2	51	0.17	0.055
1099416	Soil	0.7	48.6	9.9	52	<0.1	30.1	13.8	392	3.03	9.6	0.5	2.9	2.7	8	<0.1	1.3	0.2	44	0.11	0.045
1099423	Soil	1.2	32.6	20.7	62	0.2	25.5	8.0	265	2.95	8.3	1.7	2.9	6.6	12	<0.1	0.9	0.3	28	0.09	0.050
1099421	Soil	1.1	25.7	16.7	55	<0.1	21.2	7.6	223	2.66	9.5	1.2	2.6	3.5	10	0.1	1.1	0.3	36	0.09	0.049
1099414	Soil	0.7	76.6	8.8	61	0.1	36.3	15.0	534	3.71	9.1	0.7	4.6	2.6	9	0.1	5.8	0.2	49	0.13	0.052
1099420	Soil	1.3	42.2	23.3	61	0.2	32.9	10.8	270	3.40	10.6	1.6	3.2	3.9	14	0.1	1.4	0.4	39	0.12	0.065
1099417	Soil	0.9	36.4	11.7	48	<0.1	23.0	10.5	314	3.19	10.6	0.5	3.0	1.7	8	<0.1	2.1	0.2	48	0.09	0.054
1099419	Soil	0.9	28.3	13.8	49	<0.1	25.1	8.9	224	2.81	10.2	0.9	1.6	3.8	10	<0.1	1.1	0.2	41	0.11	0.042
1099404	Soil	1.0	37.2	21.9	107	0.2	27.7	10.6	469	3.20	12.6	0.7	5.5	5.5	17	0.3	5.3	0.2	34	0.19	0.067
1099401	Soil	1.1	33.8	16.7	78	0.2	31.6	10.9	429	3.10	10.7	0.9	4.2	5.0	18	0.2	2.3	0.2	38	0.18	0.052
1099407	Soil	1.0	20.5	16.6	76	<0.1	23.1	9.7	376	2.60	10.3	0.6	2.4	2.7	11	0.2	1.5	0.2	40	0.12	0.045
1099408	Soil	0.8	131.1	12.0	101	0.1	75.9	34.8	1159	6.78	11.5	0.7	7.0	6.0	18	0.1	3.5	0.2	93	0.28	0.068
1099405	Soil	1.1	29.4	19.0	82	0.2	25.9	10.9	530	2.99	33.3	0.7	5.6	4.3	22	0.2	6.9	0.1	29	0.23	0.071
1099402	Soil	0.9	28.1	12.9	67	0.1	25.7	8.2	286	2.54	10.9	0.8	4.8	2.9	13	0.4	1.4	0.2	44	0.16	0.065
1099411	Soil	0.7	104.2	10.6	59	0.1	46.0	21.3	698	4.05	8.8	0.5	4.4	5.3	13	0.2	0.7	0.2	68	0.20	0.055
1099410	Soil	0.4	194.9	8.6	77	0.2	75.5	39.1	914	5.93	5.1	0.5	6.1	7.0	11	0.2	0.9	0.2	86	0.18	0.059
1099406	Soil	1.0	33.7	16.9	123	0.1	28.8	14.1	453	3.07	15.1	0.8	4.7	4.7	11	0.3	4.7	0.2	33	0.11	0.055
1099403	Soil	0.9	28.5	11.2	71	0.1	24.1	8.3	239	2.42	9.5	0.8	1.2	4.1	15	0.2	1.7	0.2	37	0.19	0.068
1099412	Soil	0.7	124.1	9.7	65	0.1	61.9	26.4	793	4.97	5.1	0.6	4.5	5.5	11	0.1	0.7	0.1	64	0.15	0.048

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600 - 666 Burrard St.
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Project: MHR
Report Date: September 23, 2011

CERTIFICATE OF ANALYSIS DAW11000270.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1099321	Soil	25	22	0.39	150	0.024	1	1.07	0.004	0.07	0.5	0.05	2.3	0.1	0.05	3	<0.5	<0.2
1099324	Soil	34	137	1.13	170	0.099	2	1.78	0.007	0.26	0.3	0.05	6.0	0.4	<0.05	6	0.5	<0.2
1099325	Soil	25	45	0.56	208	0.033	1	1.69	0.006	0.09	0.3	0.05	3.4	0.2	<0.05	5	<0.5	<0.2
1099326	Soil	24	46	0.57	215	0.034	<1	1.72	0.005	0.10	0.3	0.04	3.2	0.2	<0.05	6	<0.5	<0.2
1099327	Soil	23	30	0.42	149	0.039	2	1.13	0.006	0.08	0.9	0.06	2.5	0.1	<0.05	3	<0.5	<0.2
1099328	Soil	10	14	0.06	45	0.019	2	0.58	0.005	0.04	0.2	0.06	1.0	<0.1	0.10	4	1.3	<0.2
1099329	Soil	29	29	0.52	196	0.032	1	1.24	0.005	0.11	0.4	0.04	3.4	0.1	<0.05	4	<0.5	<0.2
1099413	Soil	14	40	0.78	125	0.014	1	1.68	0.004	0.04	0.1	0.04	4.0	<0.1	<0.05	6	0.6	<0.2
1099424	Soil	24	23	0.44	62	0.015	<1	1.20	0.004	0.03	0.1	0.04	1.5	<0.1	0.07	4	<0.5	<0.2
1099422	Soil	23	23	0.42	91	0.017	<1	1.16	0.004	0.04	0.1	0.03	1.9	<0.1	0.09	4	<0.5	<0.2
1099418	Soil	21	20	0.38	77	0.004	1	1.09	0.003	0.04	0.1	0.03	1.8	0.1	0.06	3	<0.5	<0.2
1099415	Soil	17	33	0.59	93	0.008	1	1.25	0.004	0.07	<0.1	0.03	4.4	0.1	<0.05	4	<0.5	<0.2
1099416	Soil	13	28	0.52	121	0.013	1	1.32	0.003	0.04	0.2	0.04	2.6	0.1	<0.05	4	<0.5	<0.2
1099423	Soil	26	27	0.53	100	0.012	<1	1.27	0.003	0.03	0.1	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1099421	Soil	21	26	0.45	72	0.017	1	1.15	0.004	0.03	0.1	0.02	1.5	<0.1	0.05	4	<0.5	<0.2
1099414	Soil	14	32	0.60	120	0.010	1	1.43	0.004	0.04	0.1	0.04	3.8	<0.1	<0.05	4	<0.5	<0.2
1099420	Soil	27	44	0.66	114	0.013	<1	1.53	0.005	0.04	0.1	0.02	1.8	<0.1	0.06	5	<0.5	<0.2
1099417	Soil	15	27	0.45	110	0.010	<1	1.39	0.003	0.04	0.2	0.04	2.0	0.1	<0.05	5	<0.5	<0.2
1099419	Soil	18	30	0.48	91	0.019	<1	1.23	0.004	0.03	0.2	0.02	1.7	<0.1	0.06	4	<0.5	<0.2
1099404	Soil	19	22	0.32	182	0.026	<1	0.97	0.006	0.07	0.1	0.04	3.0	<0.1	<0.05	3	<0.5	<0.2
1099401	Soil	18	28	0.39	185	0.034	1	1.12	0.007	0.06	0.1	0.04	3.0	0.1	<0.05	3	<0.5	<0.2
1099407	Soil	15	22	0.33	103	0.022	1	1.16	0.005	0.04	0.2	0.03	1.7	0.1	0.10	4	<0.5	<0.2
1099408	Soil	19	59	1.45	111	0.058	<1	2.44	0.003	0.13	<0.1	0.01	5.4	0.2	<0.05	7	<0.5	<0.2
1099405	Soil	17	18	0.29	161	0.019	1	0.85	0.006	0.05	0.1	0.04	2.6	<0.1	<0.05	3	<0.5	<0.2
1099402	Soil	17	26	0.41	192	0.030	<1	1.26	0.006	0.05	0.2	0.04	2.7	0.1	<0.05	4	<0.5	<0.2
1099411	Soil	17	48	0.96	100	0.020	<1	1.91	0.004	0.04	0.1	0.05	4.6	<0.1	<0.05	6	<0.5	<0.2
1099410	Soil	21	60	1.65	120	0.021	<1	2.67	0.003	0.07	<0.1	<0.01	6.5	<0.1	<0.05	9	<0.5	<0.2
1099406	Soil	18	22	0.33	104	0.016	<1	1.19	0.004	0.05	0.2	0.06	2.3	0.1	<0.05	3	<0.5	<0.2
1099403	Soil	18	22	0.40	113	0.034	1	1.26	0.006	0.06	0.2	0.04	2.8	<0.1	<0.05	3	0.6	<0.2
1099412	Soil	16	51	0.97	90	0.009	<1	1.72	0.003	0.03	<0.1	0.03	5.9	<0.1	<0.05	6	<0.5	<0.2

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Project: MHR
Report Date: September 23, 2011

CERTIFICATE OF ANALYSIS DAW11000270.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1099409	Soil	0.8	105.3	17.3	94	0.1	58.5	26.5	844	5.18	13.5	0.9	5.5	4.9	12	0.2	6.3	0.2	77	0.15	0.056
1099427	Soil	1.0	19.4	11.9	51	<0.1	19.4	6.1	174	2.19	8.2	1.0	3.1	1.7	9	<0.1	1.0	0.2	36	0.11	0.049
1099429	Soil	0.8	32.1	14.6	61	<0.1	29.7	9.6	235	2.66	9.3	1.3	6.9	4.1	12	0.1	1.6	0.2	37	0.13	0.057
1099431	Soil	0.9	28.1	16.0	60	<0.1	33.8	8.8	199	2.79	9.3	1.2	2.1	5.3	10	<0.1	1.4	0.2	35	0.08	0.043
1099425	Soil	1.1	28.7	15.8	63	<0.1	23.8	8.1	209	2.85	8.6	1.4	6.4	3.4	10	0.1	0.8	0.2	33	0.08	0.051
1099426	Soil	1.1	27.2	15.4	61	<0.1	23.6	7.7	200	2.71	8.0	1.4	2.3	3.0	9	0.1	0.8	0.2	31	0.07	0.047
1099432	Soil	0.9	31.5	16.9	64	<0.1	21.7	8.4	235	2.68	8.3	1.5	10.4	8.2	11	0.1	1.7	0.2	27	0.10	0.046
1099430	Soil	1.0	26.0	17.2	60	<0.1	21.8	7.0	166	2.83	8.9	1.3	2.7	5.0	10	<0.1	2.1	0.3	32	0.07	0.042
1099428	Soil	0.9	31.4	14.2	58	<0.1	29.6	8.8	217	2.61	8.2	1.3	7.7	2.6	11	<0.1	1.3	0.2	35	0.12	0.058
1099433	Soil	1.0	35.2	19.8	71	0.1	32.9	20.8	487	2.89	8.9	1.6	2.8	8.9	13	0.2	2.1	0.2	30	0.11	0.054

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CERTIFICATE OF ANALYSIS DAW11000270.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1099409	Soil	21	51	1.01	134	0.033	<1	1.92	0.004	0.10	0.1	0.04	5.4	0.2	0.05	6	<0.5	<0.2
1099427	Soil	19	27	0.41	74	0.018	<1	1.19	0.004	0.03	0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1099429	Soil	25	38	0.56	104	0.021	<1	1.36	0.004	0.04	0.2	0.01	2.0	<0.1	<0.05	4	<0.5	<0.2
1099431	Soil	29	53	0.60	82	0.012	<1	1.34	0.004	0.03	0.1	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1099425	Soil	30	25	0.49	68	0.017	<1	1.23	0.004	0.04	0.1	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1099426	Soil	28	25	0.45	65	0.015	<1	1.16	0.004	0.03	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1099432	Soil	26	21	0.45	107	0.015	<1	1.07	0.004	0.03	0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1099430	Soil	29	25	0.43	69	0.012	<1	1.24	0.003	0.04	0.1	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1099428	Soil	26	36	0.54	98	0.015	<1	1.32	0.004	0.03	0.1	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1099433	Soil	32	21	0.47	124	0.017	<1	1.24	0.004	0.04	0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2

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Project: MHR
Report Date: September 23, 2011

QUALITY CONTROL REPORT DAW11000270.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1149653	Soil	1.1	20.6	36.7	72	<0.1	18.3	6.1	245	2.73	12.8	1.1	4.8	3.9	16	0.2	2.8	0.3	22	0.08	0.055
REP 1149653	QC	1.1	20.6	37.0	73	<0.1	18.0	5.7	238	2.64	13.2	1.1	2.6	4.0	16	0.2	2.8	0.3	21	0.08	0.052
1037437	Soil	1.0	17.3	15.7	52	0.1	19.0	9.3	248	2.43	11.8	1.0	1.9	4.3	10	0.2	0.8	0.2	39	0.10	0.047
REP 1037437	QC	1.0	17.8	16.1	52	0.1	18.9	8.9	252	2.42	11.2	1.0	3.6	4.1	10	0.1	0.8	0.2	39	0.10	0.045
1098313	Soil	1.2	16.1	23.3	56	<0.1	18.0	8.2	552	2.44	11.5	0.8	2.3	0.4	9	1.0	7.9	0.2	33	0.06	0.072
REP 1098313	QC	1.1	16.8	23.7	55	<0.1	18.0	8.3	550	2.45	11.1	0.8	1.2	0.4	9	0.8	7.6	0.2	34	0.06	0.070
1098307	Soil	1.0	11.4	11.4	48	<0.1	15.6	7.4	322	2.11	9.6	0.6	1.6	1.2	14	<0.1	0.7	0.2	41	0.13	0.040
REP 1098307	QC	0.9	11.9	11.8	49	<0.1	16.7	7.6	347	2.19	9.8	0.6	5.3	1.1	15	0.1	0.7	0.2	42	0.13	0.039
1098202	Soil	1.3	11.8	20.2	49	<0.1	12.3	4.5	187	2.25	10.5	0.4	2.5	1.4	6	<0.1	0.8	0.2	45	0.05	0.024
REP 1098202	QC	1.2	11.2	18.8	45	<0.1	12.1	4.5	181	2.23	10.2	0.4	3.1	1.3	6	0.1	0.7	0.2	43	0.05	0.023
1099308	Soil	0.8	25.5	13.9	61	0.2	20.8	8.9	319	2.46	7.9	0.8	3.8	4.3	14	0.2	1.9	0.2	34	0.15	0.049
REP 1099308	QC	1.0	25.8	13.4	57	0.1	21.0	8.9	316	2.43	7.4	0.8	5.6	4.3	14	0.2	1.8	0.2	35	0.15	0.047
1099326	Soil	1.2	29.1	38.1	74	0.2	30.0	13.1	555	3.72	14.0	1.5	2.2	3.3	16	<0.1	1.5	0.4	57	0.12	0.065
REP 1099326	QC	1.5	29.0	37.8	71	0.2	29.5	12.4	567	3.69	13.6	1.5	1.3	3.4	16	0.1	1.5	0.4	57	0.12	0.062
1099423	Soil	1.2	32.6	20.7	62	0.2	25.5	8.0	265	2.95	8.3	1.7	2.9	6.6	12	<0.1	0.9	0.3	28	0.09	0.050
REP 1099423	QC	1.0	31.1	19.9	57	0.2	24.1	7.7	255	2.81	8.0	1.6	3.8	6.5	11	0.1	1.0	0.3	27	0.09	0.047
1099432	Soil	0.9	31.5	16.9	64	<0.1	21.7	8.4	235	2.68	8.3	1.5	10.4	8.2	11	0.1	1.7	0.2	27	0.10	0.046
REP 1099432	QC	0.9	29.3	15.8	58	<0.1	20.4	7.9	224	2.54	8.3	1.4	2.2	7.8	11	0.1	1.5	0.2	26	0.09	0.043
Reference Materials																					
STD DS8	Standard	13.3	113.6	123.5	315	1.8	39.8	7.7	627	2.54	24.0	2.6	105.4	6.5	60	2.2	5.1	5.8	47	0.69	0.077
STD DS8	Standard	13.6	109.4	127.0	315	1.8	38.4	7.7	630	2.53	25.3	2.9	114.0	6.9	70	2.3	5.7	6.6	43	0.69	0.079
STD DS8	Standard	14.4	119.2	127.6	329	1.8	41.2	8.0	644	2.59	26.0	2.8	136.0	7.2	69	2.3	6.0	6.7	45	0.78	0.081
STD DS8	Standard	12.4	103.5	119.1	294	1.7	36.9	6.9	580	2.39	21.9	2.8	92.2	6.5	58	2.1	5.1	6.5	39	0.64	0.071
STD DS8	Standard	11.5	106.3	118.0	294	1.7	37.4	7.1	574	2.34	22.9	2.7	105.0	6.2	53	2.2	4.6	5.8	40	0.61	0.073
STD DS8	Standard	13.4	116.8	126.6	327	1.9	39.8	7.6	622	2.50	26.2	2.7	129.2	6.9	72	2.4	5.5	6.7	44	0.73	0.079
STD DS8	Standard	13.8	103.2	126.8	302	1.8	37.6	7.1	612	2.46	23.1	2.9	115.3	7.2	71	2.5	5.5	6.7	41	0.70	0.075
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: MHR
Report Date: September 23, 2011

QUALITY CONTROL REPORT DAW11000270.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1149653	Soil	26	12	0.21	65	0.008	2	0.99	0.005	0.06	0.1	0.03	1.2	0.1	<0.05	2	0.8	<0.2
REP 1149653	QC	26	12	0.20	65	0.007	1	0.94	0.005	0.06	0.1	0.01	1.5	<0.1	<0.05	2	0.6	<0.2
1037437	Soil	21	20	0.36	110	0.021	<1	1.40	0.005	0.05	0.2	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
REP 1037437	QC	20	20	0.34	109	0.022	1	1.32	0.005	0.05	0.2	0.03	2.3	0.2	<0.05	4	<0.5	<0.2
1098313	Soil	20	28	0.37	109	0.008	1	1.08	0.003	0.05	0.1	0.02	0.6	<0.1	<0.05	4	0.6	<0.2
REP 1098313	QC	20	28	0.38	108	0.017	1	1.09	0.004	0.05	0.1	0.03	0.8	<0.1	<0.05	4	1.0	<0.2
1098307	Soil	16	28	0.35	103	0.024	<1	1.18	0.005	0.05	0.2	0.03	1.7	0.1	<0.05	4	0.9	<0.2
REP 1098307	QC	17	32	0.36	112	0.028	<1	1.20	0.005	0.06	0.1	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1098202	Soil	10	18	0.22	54	0.020	<1	1.06	0.003	0.04	0.2	0.07	1.1	<0.1	<0.05	4	0.8	<0.2
REP 1098202	QC	10	17	0.21	54	0.019	<1	1.03	0.003	0.04	0.2	0.07	1.1	<0.1	<0.05	4	<0.5	<0.2
1099308	Soil	15	20	0.34	174	0.027	2	1.01	0.005	0.06	0.2	0.05	3.0	<0.1	<0.05	3	0.6	<0.2
REP 1099308	QC	15	20	0.34	167	0.028	1	1.03	0.005	0.06	0.2	0.05	2.9	<0.1	0.07	3	<0.5	<0.2
1099326	Soil	24	46	0.57	215	0.034	<1	1.72	0.005	0.10	0.3	0.04	3.2	0.2	<0.05	6	<0.5	<0.2
REP 1099326	QC	24	46	0.56	215	0.033	<1	1.66	0.005	0.09	0.3	0.04	3.2	0.2	<0.05	5	<0.5	<0.2
1099423	Soil	26	27	0.53	100	0.012	<1	1.27	0.003	0.03	0.1	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
REP 1099423	QC	24	25	0.49	96	0.010	<1	1.18	0.003	0.03	0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1099432	Soil	26	21	0.45	107	0.015	<1	1.07	0.004	0.03	0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
REP 1099432	QC	25	19	0.41	97	0.015	<1	1.00	0.013	0.03	<0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	122	0.62	255	0.108	2	0.89	0.084	0.41	2.8	0.18	2.1	5.4	0.26	5	5.0	4.7
STD DS8	Standard	16	118	0.61	290	0.121	2	0.99	0.108	0.45	3.0	0.17	2.7	5.4	0.16	5	5.5	4.5
STD DS8	Standard	16	126	0.67	286	0.125	2	0.97	0.092	0.42	3.0	0.22	2.3	5.5	0.18	5	5.6	5.1
STD DS8	Standard	14	106	0.55	256	0.106	1	0.85	0.080	0.38	2.9	0.21	2.4	5.2	0.18	4	5.0	4.8
STD DS8	Standard	12	111	0.52	244	0.094	2	0.84	0.088	0.39	2.8	0.19	1.9	5.3	0.14	4	4.8	4.7
STD DS8	Standard	16	122	0.62	284	0.123	2	0.97	0.104	0.47	2.9	0.21	2.9	5.6	0.05	5	5.2	4.5
STD DS8	Standard	17	115	0.61	282	0.120	3	0.97	0.091	0.42	3.2	0.18	2.5	5.4	0.12	5	5.9	4.7
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 23, 2011

QUALITY CONTROL REPORT DAW11000270.1

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

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 23, 2011

QUALITY CONTROL REPORT DAW11000270.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: September 05, 2011
Report Date: September 24, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS DAW11000271.1

CLIENT JOB INFORMATION

Project: MAY
Shipment ID: MAY2011-01
P.O. Number
Number of Samples: 227

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	227	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	227	Dry at 60C			WHI
1DX2	227	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000271.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1079660	Soil	0.8	93.4	12.4	384	0.3	38.9	17.8	520	3.53	237.0	1.5	2.9	11.5	27	2.6	0.5	3.7	40	0.29	0.062
1079653	Soil	0.8	84.4	9.3	474	0.3	27.5	10.7	383	2.97	69.8	1.2	3.9	7.3	17	1.8	0.6	1.1	42	0.16	0.058
1079658	Soil	0.9	49.2	12.8	427	0.3	22.9	9.2	398	2.78	61.1	1.2	16.2	4.2	13	1.7	0.6	0.8	41	0.14	0.058
1079666	Soil	0.7	23.9	12.6	257	0.2	15.4	7.7	407	2.48	67.5	0.9	1.4	2.3	17	1.2	0.6	0.5	39	0.21	0.045
1079668	Soil	0.7	21.8	16.5	82	0.1	24.9	10.0	458	2.87	42.5	1.0	4.6	3.7	10	0.5	0.5	0.3	28	0.09	0.047
1079671	Soil	0.7	24.0	12.0	176	0.2	26.8	10.0	494	3.01	44.3	1.2	5.5	4.4	14	1.3	0.6	0.4	41	0.16	0.055
1079669	Soil	0.7	34.2	13.2	166	0.2	33.2	17.3	656	3.74	97.5	1.3	5.4	10.6	35	1.0	1.2	0.4	42	0.29	0.054
1079667	Soil	0.9	65.8	16.9	493	0.5	25.3	12.0	501	3.71	465.9	1.3	8.8	7.1	22	3.1	1.2	4.1	32	0.17	0.059
1079670	Soil	0.7	21.6	12.6	115	0.1	22.7	9.9	490	3.01	51.7	1.3	39.1	3.8	13	0.6	0.5	0.4	39	0.11	0.053
1079652	Soil	0.8	52.4	8.7	253	0.2	22.3	8.0	295	2.54	57.2	1.1	4.2	6.0	15	2.0	0.6	0.9	37	0.19	0.064
1079655	Soil	0.8	100.3	10.8	879	0.3	30.8	11.2	688	3.17	76.6	1.5	5.1	11.0	22	7.4	0.7	1.2	45	0.20	0.058
1079656	Soil	0.7	81.4	9.7	740	0.3	26.3	10.2	509	2.88	67.3	1.3	12.9	7.5	16	4.6	0.5	1.3	44	0.16	0.055
1079654	Soil	1.0	43.7	8.3	254	0.2	19.9	5.8	196	2.46	52.4	1.0	29.4	2.3	17	2.1	0.6	0.9	39	0.18	0.061
1079659	Soil	1.1	127.1	14.6	828	0.4	26.8	16.0	1161	4.53	215.5	2.0	46.1	12.8	19	5.8	1.0	3.7	45	0.17	0.065
1079662	Soil	0.8	59.1	12.4	477	0.4	30.0	12.3	569	3.09	198.9	1.2	8.5	8.7	33	4.0	0.8	1.1	38	0.26	0.060
1079663	Soil	1.0	69.5	9.7	854	<0.1	22.9	11.9	501	2.71	96.1	1.1	6.7	6.9	23	4.3	0.5	1.2	38	0.15	0.051
1079651	Soil	0.9	56.2	10.9	444	0.2	24.0	10.4	421	2.76	60.0	1.3	3.0	8.8	14	2.6	0.7	1.1	38	0.13	0.051
1079657	Soil	0.9	55.7	13.0	539	0.1	24.7	9.8	472	2.98	58.8	1.0	7.3	4.6	14	2.4	0.7	1.0	49	0.13	0.052
1079661	Soil	0.9	55.0	12.0	296	0.3	23.7	11.4	405	2.55	124.1	1.1	8.6	4.4	22	1.8	0.6	2.4	36	0.18	0.059
1079664	Soil	0.5	120.2	11.2	1530	0.2	38.0	18.7	1272	2.72	588.1	1.2	17.7	20.0	23	42.1	0.6	3.0	29	0.37	0.033
1079665	Soil	0.6	101.4	11.6	1293	0.1	37.7	20.3	1244	2.65	487.7	1.1	14.9	20.1	18	39.4	0.5	3.1	24	0.32	0.031
1079681	Soil	1.1	34.7	15.8	102	0.2	33.0	14.7	643	3.01	385.2	1.5	19.5	9.8	22	0.6	1.3	1.5	37	0.23	0.090
1079682	Soil	0.8	35.9	15.7	97	0.3	26.3	9.9	332	2.94	53.3	1.9	6.1	8.5	16	0.4	0.7	0.4	38	0.13	0.066
1079680	Soil	1.0	23.8	12.7	79	0.1	22.2	9.3	418	2.72	254.8	1.3	15.4	3.0	13	0.3	0.9	0.9	46	0.14	0.066
1079683	Soil	0.4	56.2	25.8	193	0.7	37.6	17.3	658	3.26	418.5	1.6	36.9	18.0	14	2.1	1.2	1.2	14	0.20	0.048
1079677	Soil	0.3	23.5	31.2	68	0.2	22.7	10.2	651	2.08	85.5	0.8	10.5	13.1	10	0.7	0.8	0.2	14	0.12	0.037
1079676	Soil	0.4	22.5	10.4	40	0.2	26.3	12.9	294	2.67	34.7	1.4	2.5	21.0	14	0.2	0.4	0.3	9	0.29	0.024
1079679	Soil	0.6	50.8	29.9	103	0.3	31.5	14.2	361	3.87	77.8	2.6	6.2	20.4	35	0.4	0.5	0.7	21	0.10	0.055
1079678	Soil	1.1	36.0	15.6	99	0.3	30.8	9.8	377	2.93	40.4	1.9	35.1	10.1	20	0.9	0.9	0.4	48	0.29	0.099
1079675	Soil	0.3	26.3	8.4	34	0.2	25.5	12.5	280	2.61	32.5	1.6	1.5	19.7	13	0.2	0.4	0.3	8	0.27	0.023

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Project: MAY
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000271.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1079660	Soil		35	32	0.95	188	0.044	<1	2.44	0.011	0.30	1.0	0.03	3.4	1.3	<0.05	7	<0.5	0.2
1079653	Soil		23	30	0.77	246	0.052	1	2.26	0.007	0.19	1.5	0.04	3.3	1.0	<0.05	7	0.6	<0.2
1079658	Soil		19	27	0.49	140	0.031	<1	1.74	0.006	0.07	1.6	0.04	2.6	0.4	<0.05	5	<0.5	<0.2
1079666	Soil		14	22	0.38	170	0.011	<1	1.45	0.007	0.05	0.2	0.03	2.1	0.3	<0.05	4	<0.5	<0.2
1079668	Soil		25	22	0.37	106	0.008	<1	1.30	0.004	0.06	0.2	0.02	2.0	0.3	<0.05	4	<0.5	<0.2
1079671	Soil		20	28	0.53	138	0.023	<1	1.71	0.006	0.09	0.2	0.02	2.8	0.3	<0.05	5	<0.5	<0.2
1079669	Soil		30	34	0.62	216	0.024	<1	2.09	0.007	0.21	0.2	0.02	4.1	0.7	0.06	7	1.1	<0.2
1079667	Soil		18	24	0.42	153	0.016	<1	1.57	0.008	0.07	0.3	<0.01	2.3	0.3	<0.05	4	1.2	<0.2
1079670	Soil		18	27	0.50	120	0.026	<1	1.60	0.005	0.09	0.2	0.03	2.5	0.3	<0.05	5	<0.5	<0.2
1079652	Soil		22	23	0.49	193	0.040	<1	1.53	0.005	0.10	1.2	0.03	2.7	0.5	<0.05	4	0.5	<0.2
1079655	Soil		28	29	0.63	358	0.069	<1	2.22	0.007	0.18	1.7	0.01	4.0	0.8	<0.05	6	0.5	<0.2
1079656	Soil		24	28	0.61	208	0.052	<1	1.99	0.006	0.14	1.6	0.03	3.2	0.7	<0.05	6	0.8	<0.2
1079654	Soil		17	25	0.46	156	0.026	<1	1.57	0.006	0.07	1.0	0.02	1.8	0.4	<0.05	5	0.8	<0.2
1079659	Soil		25	30	0.44	129	0.033	2	1.58	0.005	0.13	2.8	<0.01	2.9	0.9	<0.05	5	0.8	<0.2
1079662	Soil		23	29	0.50	180	0.024	<1	1.74	0.008	0.13	0.6	0.04	2.8	0.5	<0.05	5	<0.5	<0.2
1079663	Soil		18	26	0.44	124	0.028	1	1.76	0.008	0.08	0.6	0.03	2.6	0.3	<0.05	5	<0.5	<0.2
1079651	Soil		26	24	0.45	274	0.051	<1	1.72	0.005	0.10	1.3	0.03	3.6	0.5	<0.05	5	0.7	0.3
1079657	Soil		17	31	0.60	165	0.040	1	2.05	0.006	0.09	1.4	0.03	2.7	0.5	<0.05	6	<0.5	<0.2
1079661	Soil		19	26	0.41	153	0.044	<1	1.59	0.007	0.09	1.2	0.04	2.2	0.4	<0.05	5	<0.5	<0.2
1079664	Soil		38	35	0.57	71	0.007	2	1.69	0.004	0.46	0.1	0.01	3.2	1.5	<0.05	6	0.8	<0.2
1079665	Soil		34	31	0.54	64	0.009	1	1.53	0.004	0.49	<0.1	<0.01	2.9	1.5	<0.05	5	0.6	<0.2
1079681	Soil		27	26	0.55	153	0.037	2	1.50	0.007	0.08	0.3	0.03	2.7	0.2	<0.05	4	0.9	<0.2
1079682	Soil		34	27	0.58	99	0.031	1	1.53	0.005	0.06	0.4	0.04	2.7	0.1	<0.05	5	<0.5	<0.2
1079680	Soil		22	30	0.47	92	0.031	2	1.48	0.006	0.06	0.4	0.03	2.2	0.2	<0.05	5	0.7	<0.2
1079683	Soil		47	15	0.49	89	0.005	1	1.25	0.003	0.07	0.1	0.01	1.7	0.2	<0.05	3	<0.5	<0.2
1079677	Soil		33	15	0.40	108	0.007	<1	0.92	0.003	0.09	0.2	0.02	1.6	<0.1	<0.05	3	0.8	<0.2
1079676	Soil		39	16	0.71	35	0.001	<1	1.57	0.003	0.04	<0.1	<0.01	1.1	<0.1	<0.05	4	<0.5	<0.2
1079679	Soil		53	25	0.75	69	0.007	<1	1.85	0.006	0.06	0.1	0.01	1.9	0.2	0.06	5	0.6	<0.2
1079678	Soil		27	26	0.43	182	0.047	2	1.08	0.006	0.06	1.2	0.08	3.1	0.1	<0.05	3	0.7	<0.2
1079675	Soil		38	15	0.70	37	<0.001	<1	1.48	0.002	0.04	<0.1	<0.01	1.2	0.1	<0.05	4	0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000271.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1079674	Soil		0.7	34.3	20.4	143	1.6	36.5	12.8	571	3.03	129.0	1.4	35.3	10.6	23	0.9	3.1	0.6	21	0.30	0.064
1079673	Soil		0.7	21.8	11.4	192	0.2	22.8	9.5	416	2.42	41.7	1.3	5.1	2.8	18	1.5	0.6	0.4	32	0.18	0.060
1079672	Soil		0.7	34.9	12.6	113	0.1	33.5	11.7	379	3.26	54.7	1.6	5.2	7.1	33	0.6	0.5	0.6	36	0.13	0.052
1138808	Soil		0.7	10.7	12.1	40	<0.1	11.5	4.4	161	1.81	16.4	0.6	3.5	1.1	7	0.1	0.5	0.2	29	0.07	0.032
1138806	Soil		0.8	13.3	17.5	52	<0.1	14.3	7.4	506	2.31	26.6	0.7	7.1	1.9	7	0.2	0.6	0.2	30	0.07	0.041
1138805	Soil		0.6	11.5	13.1	47	<0.1	14.8	6.8	336	2.00	13.6	0.6	2.4	1.6	11	0.1	0.4	0.2	29	0.16	0.047
1138810	Soil		0.5	37.2	195.4	258	3.4	24.9	11.8	1211	2.72	254.3	3.1	35.7	3.9	26	2.2	1.2	0.4	23	0.42	0.081
1138807	Soil		0.9	15.1	15.7	55	0.1	16.6	6.8	332	2.18	27.3	0.8	2.7	3.5	8	0.1	0.5	0.2	30	0.10	0.036
1138809	Soil		0.7	31.2	26.4	66	0.2	35.1	18.0	595	2.87	169.5	1.8	11.8	4.8	18	0.2	0.9	0.5	23	0.24	0.056
1138824	Soil		0.5	34.0	766.8	454	3.9	22.5	10.1	880	2.50	373.0	1.6	29.5	6.2	15	3.8	2.3	0.4	26	0.21	0.063
1138823	Soil		0.8	19.5	101.8	147	2.1	17.5	8.1	487	2.37	154.3	1.2	29.3	2.1	15	0.6	1.1	0.3	36	0.19	0.066
1097044	Soil		0.7	13.6	23.4	49	<0.1	18.1	9.7	429	2.06	39.8	0.7	4.3	3.4	8	0.2	0.7	0.2	28	0.09	0.048
1098450	Soil		0.8	15.0	19.4	40	0.1	13.4	4.8	187	1.75	210.6	0.7	22.0	2.0	8	0.1	1.1	0.4	20	0.08	0.047
1097046	Soil		0.7	18.2	19.0	72	0.1	20.6	9.5	346	2.50	37.2	1.8	2.5	4.2	11	0.2	0.6	0.3	30	0.12	0.056
1097045	Soil		0.7	20.2	24.8	46	0.5	29.5	13.6	1673	3.17	83.7	1.0	14.5	11.7	14	0.2	3.0	0.2	11	0.45	0.051
1097047	Soil		0.5	40.8	116.4	171	1.2	43.1	18.7	652	3.23	78.0	2.5	13.6	19.8	16	1.3	1.3	0.4	11	0.28	0.033
1097048	Soil		0.6	24.3	80.9	303	0.9	25.7	10.1	786	2.79	147.2	1.3	7.9	7.0	14	2.3	1.4	0.3	25	0.25	0.063
1097050	Soil		0.6	26.6	29.4	81	0.4	26.0	10.3	578	2.38	53.6	0.8	5.7	9.2	13	0.3	0.9	0.2	24	0.19	0.061
1097049	Soil		0.6	13.4	16.0	61	<0.1	18.3	6.7	258	2.10	14.5	0.9	11.5	2.6	10	0.2	0.5	0.2	30	0.12	0.048
1138802	Soil		0.7	11.6	15.3	45	<0.1	13.7	5.8	241	2.05	56.8	0.7	4.0	0.9	7	0.1	0.5	0.2	29	0.07	0.042
1138801	Soil		0.7	15.4	22.0	55	0.1	16.5	6.8	294	2.26	35.2	0.8	5.3	2.3	7	0.1	0.7	0.3	27	0.07	0.042
1138803	Soil		0.7	10.6	30.4	45	<0.1	13.1	4.7	151	1.86	15.3	0.7	26.3	1.1	9	0.1	0.5	0.2	30	0.09	0.041
1138804	Soil		0.7	11.2	31.2	47	<0.1	13.3	5.2	181	1.99	16.0	0.7	7.1	1.7	8	0.1	0.4	0.2	30	0.09	0.041
1138811	Soil		0.8	23.2	16.9	72	0.2	20.1	7.8	281	2.39	29.2	1.0	13.2	4.2	10	0.1	0.7	0.2	33	0.13	0.057
1138812	Soil		0.7	20.1	17.9	71	0.3	20.0	7.0	285	2.39	176.8	1.6	9.0	2.3	11	<0.1	0.9	0.3	34	0.13	0.063
1138813	Soil		0.9	33.8	45.0	87	0.4	23.5	10.0	423	2.57	140.3	1.8	36.4	4.8	14	0.4	1.3	0.4	34	0.17	0.076
1138814	Soil		0.8	40.2	25.5	99	0.7	31.1	14.9	465	2.90	172.3	2.2	36.4	10.4	16	0.5	1.2	0.3	28	0.19	0.064
1138815	Soil		0.3	44.1	94.2	154	3.9	47.3	20.9	851	3.29	475.7	1.4	86.6	18.8	15	1.0	2.0	1.2	12	0.25	0.048
1138816	Soil		0.5	29.8	85.2	115	1.6	31.0	13.1	474	2.96	325.2	1.3	30.0	13.7	17	0.7	1.5	0.7	16	0.22	0.061
1138817	Soil		0.4	40.6	102.2	120	1.2	37.4	22.3	766	3.44	150.6	1.1	7.2	15.9	17	0.5	1.2	0.4	17	0.26	0.054

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Project: MAY
Report Date: September 24, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1079674	Soil	40	22	0.60	104	0.009	<1	1.59	0.005	0.10	0.2	0.02	2.1	0.3	0.05	5	0.5	<0.2
1079673	Soil	21	21	0.43	130	0.029	1	1.24	0.005	0.08	0.2	0.02	1.9	0.2	<0.05	4	<0.5	<0.2
1079672	Soil	24	28	0.61	175	0.040	2	1.89	0.009	0.17	0.2	0.02	2.5	0.4	0.07	6	<0.5	<0.2
1138808	Soil	18	17	0.26	85	0.012	1	1.02	0.004	0.04	0.2	0.02	1.0	0.1	<0.05	4	0.6	<0.2
1138806	Soil	20	18	0.28	78	0.017	2	1.07	0.004	0.05	0.2	0.02	1.2	0.1	<0.05	4	<0.5	<0.2
1138805	Soil	16	17	0.29	124	0.011	2	1.14	0.004	0.05	0.2	0.02	1.2	0.1	0.07	4	0.8	<0.2
1138810	Soil	54	20	0.43	193	0.006	<1	1.48	0.005	0.07	0.1	0.04	1.8	0.3	0.08	4	0.8	<0.2
1138807	Soil	18	19	0.32	91	0.014	<1	1.16	0.003	0.06	0.2	0.03	1.4	0.1	<0.05	3	<0.5	<0.2
1138809	Soil	30	17	0.36	129	0.008	1	1.13	0.004	0.07	0.1	0.02	1.4	0.1	<0.05	3	<0.5	<0.2
1138824	Soil	27	16	0.33	104	0.012	1	0.94	0.004	0.06	0.6	0.06	1.4	0.2	<0.05	3	<0.5	<0.2
1138823	Soil	19	21	0.37	195	0.017	1	1.26	0.005	0.06	0.5	0.03	1.6	0.2	<0.05	4	0.8	<0.2
1097044	Soil	21	16	0.26	99	0.014	<1	1.14	0.004	0.06	0.2	0.03	1.2	0.2	<0.05	3	0.5	<0.2
1098450	Soil	28	12	0.18	89	0.006	1	0.90	0.004	0.07	0.2	0.02	0.7	0.3	<0.05	3	<0.5	<0.2
1097046	Soil	26	21	0.40	114	0.013	<1	1.33	0.004	0.06	0.2	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
1097045	Soil	41	10	0.15	106	0.004	1	0.75	0.003	0.09	<0.1	0.03	1.6	0.4	<0.05	2	<0.5	<0.2
1097047	Soil	52	13	0.45	60	0.003	2	1.26	0.004	0.10	<0.1	0.03	1.4	0.2	<0.05	3	<0.5	<0.2
1097048	Soil	35	17	0.38	121	0.014	1	1.13	0.004	0.06	0.2	0.02	1.8	0.2	<0.05	3	<0.5	<0.2
1097050	Soil	29	17	0.35	142	0.019	<1	0.98	0.003	0.05	0.2	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
1097049	Soil	18	20	0.35	129	0.018	1	1.17	0.004	0.04	0.3	0.03	1.9	0.1	<0.05	3	<0.5	<0.2
1138802	Soil	18	17	0.27	82	0.013	1	1.03	0.003	0.04	0.2	0.03	1.0	0.1	<0.05	3	<0.5	<0.2
1138801	Soil	23	19	0.35	90	0.011	<1	1.28	0.004	0.04	0.2	0.02	1.4	0.1	<0.05	4	<0.5	<0.2
1138803	Soil	17	18	0.25	96	0.015	2	1.03	0.003	0.04	0.2	0.03	1.1	0.1	<0.05	3	<0.5	<0.2
1138804	Soil	17	18	0.26	93	0.015	<1	1.07	0.004	0.04	0.2	0.03	1.3	0.1	<0.05	3	<0.5	<0.2
1138811	Soil	22	23	0.47	78	0.022	<1	1.29	0.005	0.04	0.3	0.03	1.9	0.1	<0.05	4	<0.5	<0.2
1138812	Soil	22	26	0.48	132	0.014	<1	1.57	0.005	0.04	0.5	0.05	1.6	0.2	<0.05	4	<0.5	<0.2
1138813	Soil	26	22	0.48	141	0.022	1	1.34	0.004	0.05	0.7	0.06	2.1	0.1	<0.05	4	<0.5	<0.2
1138814	Soil	40	21	0.55	119	0.016	<1	1.38	0.003	0.06	0.5	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
1138815	Soil	46	13	0.50	74	0.003	<1	1.34	0.003	0.08	<0.1	0.02	1.5	0.1	<0.05	4	<0.5	<0.2
1138816	Soil	34	12	0.31	100	0.008	<1	1.06	0.004	0.07	0.1	0.05	1.3	<0.1	<0.05	3	<0.5	<0.2
1138817	Soil	40	21	0.67	144	0.003	<1	1.61	0.003	0.06	<0.1	0.03	1.6	0.1	<0.05	4	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1138818	Soil	0.5	21.1	59.1	105	1.9	19.2	9.6	481	2.42	71.1	0.8	11.9	6.0	12	0.6	1.1	0.3	24	0.16	0.061
1138819	Soil	0.7	23.5	58.5	145	5.1	23.6	12.3	1387	2.68	79.7	1.3	12.2	4.9	17	1.2	1.7	0.3	23	0.20	0.083
1138820	Soil	0.4	25.6	55.1	108	1.1	24.8	11.5	547	2.45	104.5	1.0	12.3	8.2	13	0.6	1.3	0.2	24	0.13	0.069
1138821	Soil	0.7	26.0	151.4	179	2.9	19.6	8.4	495	2.49	82.7	1.0	15.0	4.6	12	0.8	1.4	0.3	30	0.14	0.067
1138822	Soil	0.8	18.1	106.9	144	0.9	20.2	9.9	596	2.27	100.7	0.8	20.1	4.6	13	1.0	1.2	0.2	28	0.14	0.072
1138764	Soil	0.6	20.7	15.8	61	0.3	22.6	8.3	303	2.28	54.8	1.1	26.3	7.2	15	0.2	1.6	0.2	28	0.17	0.064
1138766	Soil	0.7	10.4	19.9	50	0.4	13.2	5.7	269	2.01	72.3	0.6	17.8	5.4	8	0.2	1.2	0.2	32	0.10	0.048
1138763	Soil	0.8	18.0	21.6	66	0.5	19.5	12.9	702	2.58	35.1	1.0	21.0	4.9	11	0.2	1.2	0.2	32	0.12	0.068
1138765	Soil	0.9	14.5	19.5	40	0.7	11.2	4.6	202	1.79	61.0	0.7	10.2	0.6	9	0.2	0.9	0.3	27	0.06	0.067
1138767	Soil	0.6	20.3	25.0	68	2.6	18.7	7.6	539	2.21	40.0	1.0	21.8	3.6	11	0.2	1.4	0.2	28	0.13	0.056
1138770	Soil	0.6	39.4	42.3	76	0.8	33.8	23.4	999	2.69	38.6	2.2	22.8	9.1	20	0.1	1.1	0.4	24	0.22	0.072
1138773	Soil	0.6	17.4	22.2	75	0.3	20.6	8.1	413	2.08	22.8	1.0	12.2	4.9	19	0.3	0.7	0.2	24	0.28	0.058
1138769	Soil	1.0	13.7	15.4	50	0.2	14.0	6.2	265	2.46	21.0	0.7	16.3	0.9	12	0.2	0.9	0.2	38	0.10	0.054
1138774	Soil	0.8	24.1	29.2	78	0.3	26.3	13.6	660	2.71	26.5	1.4	10.1	6.1	14	0.3	0.8	0.3	26	0.15	0.065
1138772	Soil	0.5	7.4	11.8	29	0.3	6.6	2.4	92	0.84	6.9	0.5	1.5	1.9	6	0.1	0.4	0.1	17	0.06	0.033
1138771	Soil	0.4	61.6	46.6	136	1.3	59.7	30.5	1211	4.16	49.5	1.2	2.9	28.9	12	0.4	3.1	0.5	9	0.25	0.051
1138768	Soil	0.9	16.2	38.6	66	0.2	20.7	8.6	398	2.53	63.3	0.8	20.3	6.4	13	0.3	1.4	0.2	32	0.13	0.060
1138752	Soil	0.8	20.7	31.1	73	1.2	20.8	8.7	441	2.30	64.2	1.0	8.8	5.8	10	0.3	2.2	0.3	23	0.10	0.048
1138753	Soil	0.9	18.1	27.7	73	0.9	18.3	8.2	535	2.66	69.0	1.0	13.1	2.8	10	0.4	2.4	0.3	33	0.09	0.065
1138754	Soil	0.7	25.1	27.7	72	1.0	20.6	5.6	239	2.69	103.1	1.2	11.2	2.3	16	0.2	1.9	0.4	28	0.18	0.075
1138756	Soil	1.1	20.2	57.8	96	4.4	19.3	9.7	580	3.06	108.3	1.5	21.5	1.4	18	0.3	2.5	0.4	38	0.16	0.104
1138755	Soil	0.6	17.1	32.6	62	0.9	17.1	7.3	361	2.24	67.5	1.1	16.7	2.2	14	0.2	2.3	0.3	26	0.16	0.060
1138758	Soil	0.8	16.7	23.9	59	0.4	16.0	5.5	157	2.25	49.3	0.9	17.6	2.1	10	0.1	1.2	0.2	32	0.10	0.062
1138757	Soil	0.9	14.2	22.8	47	0.9	14.1	4.8	214	1.89	33.7	0.8	9.5	0.8	9	0.2	1.0	0.2	28	0.09	0.052
1138760	Soil	1.0	43.2	47.6	105	2.1	42.5	24.1	984	3.52	282.2	2.5	155.2	13.7	21	0.5	2.3	0.5	17	0.14	0.071
1138762	Soil	0.8	33.2	38.7	91	2.1	30.5	15.8	868	3.34	118.6	2.0	96.3	8.8	14	0.2	3.2	0.4	23	0.13	0.066
1138751	Soil	0.6	24.4	36.9	89	1.3	31.6	13.8	920	2.60	118.8	1.2	15.3	10.7	15	0.4	3.2	0.2	19	0.16	0.063
1138761	Soil	0.8	27.0	33.2	78	1.1	27.2	13.0	548	2.72	141.6	1.4	37.6	9.1	12	0.3	2.2	0.4	19	0.12	0.058
1138759	Soil	0.8	17.3	29.5	65	1.4	16.8	5.5	233	2.25	75.1	1.0	13.2	1.9	13	0.2	1.8	0.3	26	0.17	0.064
1099294	Soil	1.0	35.7	25.4	79	<0.1	26.4	15.0	1132	3.82	223.6	1.0	6.6	8.5	9	0.2	0.7	0.3	25	0.09	0.057

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000271.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1138818	Soil	24	16	0.39	136	0.008	<1	1.15	0.003	0.05	0.2	0.03	1.3	0.1	<0.05	3	0.6	<0.2
1138819	Soil	26	18	0.40	235	0.007	<1	1.34	0.005	0.08	0.2	0.06	1.6	0.2	0.05	3	0.7	<0.2
1138820	Soil	28	16	0.40	84	0.013	<1	1.11	0.003	0.06	0.4	0.04	1.4	0.1	<0.05	3	<0.5	<0.2
1138821	Soil	21	19	0.39	135	0.015	<1	1.12	0.004	0.06	0.3	0.05	1.6	0.1	<0.05	3	<0.5	<0.2
1138822	Soil	17	16	0.32	86	0.018	<1	1.03	0.004	0.05	0.4	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1138764	Soil	23	16	0.31	100	0.025	<1	0.79	0.004	0.05	0.4	0.05	1.5	<0.1	<0.05	2	<0.5	<0.2
1138766	Soil	19	13	0.15	64	0.023	1	0.72	0.003	0.05	0.7	0.05	0.9	0.1	<0.05	3	<0.5	<0.2
1138763	Soil	23	18	0.31	102	0.020	<1	1.13	0.004	0.06	0.5	0.04	1.3	0.1	<0.05	3	<0.5	<0.2
1138765	Soil	15	15	0.21	86	0.010	<1	1.06	0.006	0.05	0.2	0.06	0.7	0.1	0.06	4	<0.5	<0.2
1138767	Soil	22	17	0.31	173	0.013	<1	1.02	0.004	0.05	0.4	0.05	1.4	0.1	<0.05	3	<0.5	<0.2
1138770	Soil	46	16	0.40	147	0.015	2	1.16	0.006	0.10	0.3	0.06	1.5	0.2	<0.05	3	0.6	<0.2
1138773	Soil	21	16	0.31	192	0.015	2	0.92	0.005	0.06	0.3	0.03	1.6	<0.1	<0.05	3	0.5	<0.2
1138769	Soil	14	20	0.29	93	0.018	<1	1.19	0.004	0.04	0.4	0.03	1.0	0.1	0.07	4	<0.5	<0.2
1138774	Soil	27	19	0.31	148	0.015	<1	0.98	0.004	0.06	0.4	0.06	1.4	0.1	<0.05	3	0.6	<0.2
1138772	Soil	16	8	0.10	43	0.009	<1	0.48	0.004	0.04	0.2	0.06	0.6	<0.1	0.07	3	<0.5	<0.2
1138771	Soil	56	15	0.68	51	0.001	<1	1.51	0.002	0.08	<0.1	<0.01	1.5	0.3	0.06	4	<0.5	<0.2
1138768	Soil	20	16	0.30	74	0.022	<1	1.00	0.004	0.06	0.4	0.03	1.3	0.1	<0.05	3	<0.5	<0.2
1138752	Soil	25	15	0.33	98	0.028	<1	0.99	0.003	0.06	0.2	0.04	1.2	0.1	<0.05	3	0.6	<0.2
1138753	Soil	19	20	0.34	141	0.010	<1	1.25	0.004	0.06	0.2	0.07	1.3	0.1	<0.05	4	0.5	<0.2
1138754	Soil	26	19	0.35	240	0.009	<1	1.34	0.008	0.07	0.2	0.06	1.2	0.2	0.06	4	0.7	<0.2
1138756	Soil	17	24	0.36	271	0.010	<1	1.69	0.006	0.07	0.2	0.09	1.6	0.3	0.08	5	0.6	<0.2
1138755	Soil	25	18	0.32	200	0.010	<1	1.14	0.004	0.05	0.3	0.04	1.2	0.2	<0.05	3	<0.5	<0.2
1138758	Soil	18	20	0.36	104	0.016	<1	1.30	0.004	0.05	0.2	0.06	1.4	0.1	<0.05	4	0.7	<0.2
1138757	Soil	17	19	0.29	120	0.011	<1	1.08	0.005	0.04	0.2	0.05	0.8	0.2	<0.05	4	<0.5	<0.2
1138760	Soil	52	20	0.50	83	0.010	<1	1.29	0.004	0.06	0.2	0.03	1.4	0.1	<0.05	3	<0.5	<0.2
1138762	Soil	44	22	0.50	143	0.011	<1	1.48	0.007	0.06	0.2	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
1138751	Soil	27	14	0.29	106	0.017	1	0.83	0.004	0.06	0.2	0.02	1.3	0.1	<0.05	2	<0.5	<0.2
1138761	Soil	34	17	0.40	121	0.010	<1	1.09	0.003	0.05	0.2	0.02	1.3	0.1	<0.05	3	<0.5	<0.2
1138759	Soil	22	17	0.31	160	0.014	2	1.02	0.008	0.06	0.2	0.06	1.1	0.1	<0.05	3	<0.5	<0.2
1099294	Soil	32	20	0.34	114	0.006	1	1.24	0.003	0.06	<0.1	0.03	1.9	0.2	<0.05	4	<0.5	<0.2

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Project: MAY
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000271.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1099295	Soil	0.6	11.4	20.0	46	0.3	11.4	4.8	249	1.64	82.1	0.5	7.3	3.4	13	0.4	0.7	0.2	24	0.15	0.037
1099298	Soil	0.5	18.0	59.1	167	0.6	19.3	7.3	437	2.06	110.6	3.8	6.4	2.9	32	0.8	0.8	0.3	23	0.68	0.058
1099297	Soil	0.5	13.8	16.4	68	<0.1	18.7	7.6	315	1.85	19.4	1.8	4.1	4.4	19	0.3	0.5	0.2	19	0.34	0.047
1099299	Soil	0.8	17.1	30.1	75	0.2	18.2	7.3	294	2.14	44.9	1.0	15.9	3.2	12	0.3	0.8	0.3	26	0.18	0.042
1099296	Soil	0.7	12.0	21.6	54	0.2	13.6	7.7	472	1.95	55.9	0.6	4.0	1.6	15	0.1	0.7	0.2	24	0.31	0.050
1099300	Soil	0.7	16.8	26.4	57	0.3	17.4	8.1	472	2.12	42.0	1.3	6.0	1.4	13	0.3	0.8	0.3	27	0.13	0.049
1099293	Soil	0.8	43.7	19.1	68	0.1	41.7	19.1	543	2.33	39.3	1.3	12.7	7.4	14	0.2	0.9	0.2	30	0.18	0.069
1099230	Soil	0.8	23.3	23.4	65	0.3	22.5	8.9	365	2.46	97.1	1.1	9.8	3.3	12	0.1	2.0	0.4	32	0.15	0.053
1099231	Soil	0.5	42.1	25.5	88	0.8	30.0	13.1	627	2.82	256.3	1.0	19.5	10.1	9	0.4	3.0	0.8	21	0.11	0.041
1099228	Soil	0.6	34.5	47.9	88	0.2	38.6	17.8	731	3.00	403.4	1.4	15.2	10.5	10	0.8	2.2	0.7	19	0.11	0.050
1099226	Soil	0.8	33.6	35.2	82	0.6	23.3	11.2	484	2.80	361.8	1.2	135.9	4.5	10	0.6	1.5	2.8	32	0.09	0.053
1099229	Soil	0.7	22.2	43.9	71	0.4	22.8	8.8	331	2.30	131.5	1.1	21.9	1.8	13	0.5	1.0	0.9	30	0.17	0.061
1099227	Soil	0.7	27.2	36.7	94	0.1	27.0	11.5	660	2.52	56.2	0.8	9.6	7.7	10	0.6	0.8	0.3	29	0.14	0.072
1099225	Soil	1.0	28.1	34.5	94	0.3	26.2	11.3	535	2.78	203.8	1.5	50.0	10.5	12	0.7	1.1	0.5	26	0.21	0.058
1099224	Soil	0.7	27.0	142.5	147	0.2	55.1	20.9	743	2.88	259.6	0.8	4.5	2.8	7	1.0	1.8	0.3	31	0.07	0.040
1099221	Soil	0.8	25.5	33.5	90	0.2	25.0	10.1	299	2.46	30.7	1.1	12.3	6.9	11	0.3	0.9	0.3	33	0.14	0.059
1099223	Soil	0.8	11.2	14.4	37	<0.1	10.6	5.6	283	2.04	46.1	0.6	3.6	0.7	7	0.2	0.5	0.3	33	0.08	0.039
1099222	Soil	0.6	23.1	49.5	98	<0.1	25.5	12.6	363	2.86	154.7	0.7	18.2	10.2	7	0.6	0.9	0.4	26	0.11	0.046
1099220	Soil	0.7	18.4	33.2	49	0.1	24.5	9.4	640	2.33	19.0	0.8	3.0	5.5	10	0.1	0.5	0.3	25	0.11	0.033
1099219	Soil	0.7	12.0	23.7	39	0.1	21.0	8.6	544	2.05	35.5	0.5	3.1	5.5	7	0.2	0.6	0.2	28	0.09	0.033
1099218	Soil	0.5	21.6	29.9	45	0.2	23.1	9.6	293	2.29	16.0	1.0	1.6	7.9	14	<0.1	0.7	0.3	22	0.10	0.031
1099217	Soil	0.5	23.2	25.1	54	0.1	30.6	17.1	326	2.27	12.8	1.0	2.3	10.6	10	0.2	0.7	0.3	20	0.09	0.027
1099215	Soil	0.7	24.9	75.1	103	0.6	28.5	11.2	506	2.61	92.6	0.9	24.1	6.6	14	0.5	2.0	0.3	26	0.19	0.036
1099216	Soil	0.7	18.4	27.4	63	0.3	25.6	12.0	526	2.52	11.3	1.1	2.8	7.8	18	0.2	0.6	0.2	45	0.32	0.068
1099213	Soil	0.5	8.4	8.3	26	0.2	8.2	2.9	90	1.17	10.4	0.5	1.2	2.6	6	<0.1	0.4	0.2	24	0.06	0.028
1099212	Soil	0.5	22.3	24.0	49	0.3	25.1	10.4	344	2.46	33.5	0.9	4.8	12.5	10	0.1	0.7	0.3	20	0.14	0.037
1099211	Soil	0.6	23.8	26.2	64	0.5	22.6	9.4	314	2.43	58.8	0.9	15.1	7.9	10	0.2	0.8	0.3	26	0.13	0.043
1099214	Soil	0.5	23.6	45.7	89	1.1	32.3	13.7	857	2.43	17.2	1.0	2.6	11.7	10	0.3	0.6	0.2	18	0.18	0.039
1099209	Soil	0.7	17.8	16.2	53	0.2	20.6	8.1	248	2.33	22.6	0.7	4.2	6.2	13	0.1	0.7	0.3	25	0.15	0.052
1099210	Soil	0.5	24.4	16.2	57	0.4	26.0	9.2	346	2.28	19.0	1.0	6.2	10.7	13	0.1	0.7	0.3	21	0.16	0.043

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1099295	Soil	19	12	0.20	68	0.010	<1	0.70	0.004	0.04	0.2	0.04	0.9	0.1	<0.05	3	<0.5	<0.2
1099298	Soil	19	16	0.32	92	0.009	2	1.06	0.005	0.05	0.2	0.04	1.3	0.1	0.07	3	<0.5	<0.2
1099297	Soil	22	14	0.28	87	0.008	2	0.96	0.005	0.05	0.2	0.03	1.3	0.1	0.06	2	<0.5	<0.2
1099299	Soil	25	17	0.28	109	0.014	<1	1.11	0.004	0.05	0.2	0.03	1.5	0.1	<0.05	3	<0.5	<0.2
1099296	Soil	22	17	0.29	86	0.009	<1	1.03	0.004	0.05	0.2	0.02	0.9	0.2	<0.05	3	<0.5	<0.2
1099300	Soil	21	18	0.28	96	0.012	1	1.17	0.004	0.05	0.2	0.03	1.0	0.2	<0.05	3	<0.5	<0.2
1099293	Soil	26	20	0.36	82	0.028	1	0.96	0.005	0.04	0.3	0.05	1.9	<0.1	<0.05	3	<0.5	<0.2
1099230	Soil	24	20	0.37	154	0.015	1	1.27	0.005	0.06	0.3	0.04	1.7	0.2	<0.05	4	<0.5	<0.2
1099231	Soil	35	22	0.65	119	0.008	<1	1.62	0.003	0.05	0.1	0.03	1.6	0.1	<0.05	4	<0.5	<0.2
1099228	Soil	35	14	0.41	117	0.013	1	1.20	0.004	0.05	0.2	0.01	1.7	0.2	<0.05	3	<0.5	<0.2
1099226	Soil	26	23	0.49	132	0.020	2	1.44	0.005	0.06	0.2	0.04	2.1	0.2	<0.05	4	<0.5	<0.2
1099229	Soil	24	19	0.34	139	0.016	1	1.17	0.005	0.06	0.4	0.04	1.2	0.1	<0.05	3	<0.5	<0.2
1099227	Soil	23	20	0.46	71	0.024	<1	1.29	0.003	0.05	0.3	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1099225	Soil	35	18	0.45	87	0.014	<1	1.12	0.003	0.05	0.7	0.02	1.5	0.1	<0.05	3	<0.5	<0.2
1099224	Soil	17	35	0.57	115	0.013	<1	1.45	0.003	0.04	0.2	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1099221	Soil	23	21	0.38	159	0.022	1	1.32	0.004	0.05	0.6	0.05	2.0	0.1	<0.05	3	<0.5	<0.2
1099223	Soil	17	16	0.18	63	0.015	<1	1.08	0.003	0.03	0.2	0.04	0.7	0.2	<0.05	4	<0.5	<0.2
1099222	Soil	32	20	0.47	68	0.011	<1	1.70	0.003	0.05	0.2	0.02	1.4	0.1	<0.05	4	<0.5	<0.2
1099220	Soil	26	15	0.22	110	0.018	<1	1.10	0.004	0.07	0.2	0.04	1.5	0.1	<0.05	3	<0.5	<0.2
1099219	Soil	17	15	0.17	92	0.019	1	1.18	0.003	0.05	0.2	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
1099218	Soil	28	14	0.26	115	0.011	<1	1.01	0.003	0.07	0.2	0.04	1.2	0.2	<0.05	3	<0.5	<0.2
1099217	Soil	32	14	0.30	110	0.014	1	0.99	0.003	0.07	0.1	0.02	1.2	0.1	<0.05	2	<0.5	<0.2
1099215	Soil	27	18	0.36	144	0.010	1	1.33	0.004	0.05	0.1	0.04	1.8	0.2	<0.05	3	<0.5	<0.2
1099216	Soil	24	59	0.73	186	0.065	<1	1.32	0.006	0.07	0.2	0.04	3.7	0.1	<0.05	3	<0.5	<0.2
1099213	Soil	18	10	0.14	60	0.010	1	0.67	0.003	0.03	0.2	0.04	0.9	0.1	<0.05	3	<0.5	<0.2
1099212	Soil	35	15	0.38	115	0.009	<1	1.26	0.003	0.08	0.1	0.04	1.2	0.1	<0.05	3	<0.5	<0.2
1099211	Soil	29	19	0.44	131	0.011	<1	1.45	0.004	0.07	0.2	0.04	1.6	0.2	<0.05	4	<0.5	<0.2
1099214	Soil	31	14	0.39	124	0.012	<1	1.05	0.004	0.05	0.1	0.03	1.7	0.2	<0.05	3	<0.5	<0.2
1099209	Soil	25	16	0.34	127	0.012	1	1.22	0.004	0.06	0.1	0.04	1.3	0.1	<0.05	3	<0.5	<0.2
1099210	Soil	30	14	0.37	124	0.017	<1	0.99	0.004	0.05	0.1	0.04	2.1	0.1	<0.05	3	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000271.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1099208	Soil		0.9	11.2	24.2	55	<0.1	14.1	5.1	289	2.04	18.0	0.5	0.9	4.8	12	0.1	0.8	0.2	33	0.18	0.068
1099207	Soil		0.5	17.2	17.0	50	0.2	20.7	8.0	515	2.09	40.4	0.7	6.1	6.7	14	<0.1	1.0	0.2	25	0.32	0.038
1099206	Soil		0.5	13.5	16.2	53	0.4	16.7	5.6	287	1.97	84.7	0.8	17.1	6.4	14	<0.1	0.8	0.2	23	0.35	0.046
1099205	Soil		0.7	29.6	39.0	102	0.5	25.2	12.6	740	2.96	65.4	1.3	3.4	6.1	9	0.3	1.8	0.3	16	0.12	0.094
1099204	Soil		0.5	29.3	36.6	108	0.7	32.1	15.8	576	3.07	359.4	1.5	53.0	18.5	10	0.3	2.1	0.6	7	0.24	0.052
1099202	Soil		0.7	23.7	50.1	90	0.3	24.1	9.2	441	2.26	35.4	1.3	51.3	6.3	16	0.5	0.9	0.2	34	0.24	0.074
1099201	Soil		0.7	19.4	24.4	67	0.2	20.5	8.6	374	2.31	25.8	0.9	19.7	3.6	10	0.2	0.7	0.2	34	0.12	0.052
1099203	Soil		0.6	27.9	33.0	83	0.6	28.1	10.5	536	2.61	154.1	2.0	19.0	12.1	19	0.4	1.5	0.4	10	0.58	0.063
1138520	Soil		0.8	14.0	33.6	55	0.2	19.3	8.4	307	2.75	87.6	0.9	16.2	5.0	12	0.2	0.9	0.3	43	0.20	0.036
1138521	Soil		0.5	20.7	31.2	56	0.2	23.2	9.8	425	2.27	116.1	0.9	19.9	6.6	14	0.2	1.7	0.4	25	0.23	0.036
1138522	Soil		0.6	14.8	17.7	44	0.1	15.7	7.1	289	2.06	47.8	0.8	8.2	3.5	11	0.2	0.7	0.3	28	0.21	0.040
1138525	Soil		0.5	16.2	64.3	167	0.6	17.5	7.3	436	1.97	105.6	2.5	7.5	2.1	26	1.0	0.8	0.2	25	0.49	0.054
1138523	Soil		0.7	13.8	15.7	66	0.2	17.2	7.5	435	2.19	45.0	1.6	7.6	1.8	20	0.3	0.5	0.2	31	0.35	0.065
1138524	Soil		0.6	15.1	28.4	67	0.2	19.2	8.6	288	2.20	23.0	1.4	2.9	6.2	15	0.2	0.5	0.2	23	0.23	0.041
1138526	Soil		0.8	19.1	24.2	81	<0.1	25.7	9.7	498	2.43	28.8	1.0	9.0	3.9	12	0.3	0.7	0.2	33	0.16	0.054
1138529	Soil		0.9	8.4	11.3	35	<0.1	9.1	3.3	168	1.32	30.6	0.5	6.6	0.6	9	<0.1	0.4	0.2	31	0.08	0.031
1138527	Soil		0.7	17.8	26.4	75	0.2	19.5	8.0	373	2.35	62.4	0.8	13.3	3.1	11	0.2	0.7	0.2	32	0.13	0.050
1138528	Soil		0.7	25.3	20.3	63	0.2	26.1	8.7	324	2.42	26.6	2.0	5.4	4.4	17	<0.1	0.6	0.2	26	0.19	0.036
1138530	Soil		0.6	18.1	25.9	57	0.2	17.2	6.5	291	2.04	40.8	0.9	4.3	3.7	10	0.1	0.6	0.2	24	0.11	0.045
1138516	Soil		0.8	23.4	19.2	65	0.4	20.4	8.3	335	2.25	27.0	1.2	14.5	2.6	12	0.2	1.1	0.2	36	0.17	0.064
1138514	Soil		0.7	19.6	39.2	65	0.4	19.5	7.6	273	2.24	57.4	0.9	28.8	4.6	12	0.2	1.0	0.3	34	0.16	0.056
1138513	Soil		0.8	87.1	4137	795	11.5	21.9	9.5	1139	3.00	471.8	1.7	158.3	5.0	12	4.4	7.5	0.4	25	0.11	0.054
1138518	Soil		1.1	41.0	59.3	115	0.3	45.6	14.8	411	5.50	173.0	2.5	16.9	15.9	18	0.4	1.6	0.7	9	0.15	0.062
1138515	Soil		0.8	23.0	35.6	67	0.4	21.8	7.7	279	2.45	49.7	0.9	10.1	3.0	13	0.3	0.8	0.3	29	0.15	0.057
1138517	Soil		0.6	29.9	35.6	89	0.5	33.7	12.7	559	2.90	216.3	1.7	38.0	13.2	18	0.4	1.2	0.5	18	0.34	0.059
1138519	Soil		0.7	22.9	35.6	75	0.6	29.6	9.9	463	2.29	136.7	1.2	7.2	9.9	15	0.3	0.9	0.2	21	0.16	0.049
1138507	Soil		0.8	22.4	55.3	100	3.0	22.4	8.3	460	2.67	79.5	1.1	15.8	2.9	13	0.2	1.7	0.3	29	0.16	0.065
1138502	Soil		0.5	33.7	56.6	102	0.8	36.3	14.7	723	3.23	168.1	1.9	27.9	8.8	25	0.6	1.7	0.5	18	0.46	0.068
1138505	Soil		0.5	28.8	50.2	96	2.0	25.3	11.1	411	2.81	160.8	1.0	18.8	9.0	13	0.4	1.7	0.4	19	0.15	0.053
1138504	Soil		0.4	26.1	34.2	81	0.8	29.4	10.0	506	2.59	97.6	1.0	13.7	9.3	13	0.4	1.0	0.3	18	0.19	0.054

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Project: MAY
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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1099208	Soil		16	16	0.28	83	0.022	<1	0.84	0.004	0.06	0.2	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1099207	Soil		26	16	0.33	152	0.014	1	1.06	0.004	0.06	0.2	0.03	1.8	0.1	<0.05	3	<0.5	<0.2
1099206	Soil		23	15	0.30	123	0.011	<1	1.03	0.004	0.05	0.2	0.03	1.5	0.1	<0.05	3	<0.5	<0.2
1099205	Soil		37	16	0.38	82	0.007	2	1.32	0.004	0.10	<0.1	0.03	1.0	0.3	<0.05	3	<0.5	<0.2
1099204	Soil		50	10	0.43	57	0.005	<1	1.20	0.002	0.09	<0.1	0.02	1.1	0.2	<0.05	3	<0.5	<0.2
1099202	Soil		22	19	0.33	161	0.032	<1	0.90	0.005	0.05	0.8	0.04	2.2	0.1	<0.05	3	<0.5	<0.2
1099201	Soil		19	20	0.33	125	0.023	<1	1.17	0.004	0.05	0.4	0.04	1.7	0.1	<0.05	3	<0.5	<0.2
1099203	Soil		35	12	0.36	65	0.004	2	1.08	0.004	0.08	0.1	0.04	1.3	0.1	0.10	3	<0.5	<0.2
1138520	Soil		20	22	0.30	129	0.021	1	1.37	0.007	0.06	0.2	0.03	1.8	0.1	<0.05	4	0.7	<0.2
1138521	Soil		25	18	0.31	155	0.014	1	1.11	0.007	0.05	0.1	0.03	1.7	0.1	<0.05	3	<0.5	<0.2
1138522	Soil		23	20	0.33	135	0.013	<1	1.24	0.006	0.07	0.2	0.04	1.6	0.2	<0.05	3	<0.5	<0.2
1138525	Soil		18	17	0.30	94	0.012	3	1.08	0.008	0.04	0.3	0.04	1.3	0.1	<0.05	3	<0.5	<0.2
1138523	Soil		20	21	0.35	153	0.015	2	1.27	0.011	0.05	0.3	0.03	1.6	0.1	<0.05	3	<0.5	<0.2
1138524	Soil		23	16	0.34	112	0.010	1	1.14	0.004	0.05	0.2	0.04	1.4	0.2	<0.05	3	<0.5	<0.2
1138526	Soil		20	22	0.36	114	0.029	1	1.16	0.005	0.05	0.3	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1138529	Soil		16	13	0.16	94	0.018	1	0.78	0.004	0.05	0.2	0.03	0.8	0.1	<0.05	4	<0.5	<0.2
1138527	Soil		19	20	0.32	100	0.019	<1	1.10	0.004	0.05	0.3	0.03	1.5	0.1	<0.05	3	0.6	<0.2
1138528	Soil		46	19	0.35	125	0.017	<1	1.18	0.005	0.06	0.2	0.05	1.8	0.1	<0.05	3	<0.5	<0.2
1138530	Soil		22	16	0.30	130	0.014	<1	1.09	0.004	0.06	0.2	0.03	1.6	0.1	<0.05	3	<0.5	<0.2
1138516	Soil		26	22	0.37	157	0.028	<1	1.21	0.005	0.06	0.4	0.06	1.8	0.1	<0.05	4	<0.5	<0.2
1138514	Soil		25	17	0.27	101	0.026	<1	0.85	0.007	0.08	0.8	0.08	1.3	0.1	<0.05	3	<0.5	<0.2
1138513	Soil		24	17	0.33	101	0.011	2	1.17	0.004	0.09	0.4	0.04	1.8	0.3	<0.05	3	<0.5	<0.2
1138518	Soil		47	9	0.15	87	0.005	1	0.73	0.005	0.07	0.1	0.04	1.5	0.1	<0.05	2	<0.5	<0.2
1138515	Soil		27	20	0.34	116	0.017	<1	1.06	0.005	0.07	0.5	0.07	1.1	0.1	<0.05	3	<0.5	<0.2
1138517	Soil		43	16	0.39	115	0.013	<1	1.06	0.005	0.08	0.4	0.06	1.6	<0.1	<0.05	3	<0.5	<0.2
1138519	Soil		31	15	0.31	178	0.022	1	0.93	0.004	0.06	0.2	0.03	2.2	0.1	<0.05	2	<0.5	<0.2
1138507	Soil		27	20	0.36	157	0.014	1	1.22	0.005	0.06	0.2	0.08	1.5	0.2	<0.05	4	<0.5	<0.2
1138502	Soil		45	15	0.36	144	0.010	1	1.19	0.004	0.09	0.1	0.06	1.6	0.2	<0.05	3	0.6	<0.2
1138505	Soil		34	18	0.48	96	0.008	1	1.31	0.005	0.06	0.2	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
1138504	Soil		35	14	0.38	126	0.011	<1	1.08	0.004	0.10	0.2	0.06	1.5	0.1	<0.05	3	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1138501	Soil	0.4	33.2	57.4	114	1.2	34.0	15.5	1029	3.00	247.8	1.4	70.8	18.0	13	0.7	4.3	0.4	10	0.24	0.052
1138503	Soil	0.7	20.8	55.1	91	0.8	20.7	9.3	626	2.46	185.5	1.2	47.0	2.1	20	0.3	1.2	0.4	29	0.37	0.072
1138506	Soil	0.4	32.3	42.9	116	1.9	28.8	11.4	456	2.95	205.1	1.4	37.4	14.8	14	0.3	2.7	0.4	14	0.14	0.048
1138508	Soil	0.5	24.0	65.3	137	3.5	21.0	9.9	770	2.36	82.7	1.2	15.2	9.2	11	0.5	2.0	0.3	20	0.12	0.053
1138509	Soil	0.5	19.3	126.4	123	6.0	18.3	7.9	497	1.98	110.6	0.9	28.1	5.4	15	0.6	2.0	0.2	21	0.22	0.062
1138511	Soil	0.9	21.5	133.7	201	6.8	22.1	8.9	587	2.82	179.0	1.4	46.3	4.3	14	1.3	2.2	0.3	34	0.15	0.068
1138510	Soil	0.8	18.3	105.8	165	4.3	18.8	8.4	672	2.37	102.7	1.0	27.4	2.6	14	1.2	1.4	0.2	34	0.17	0.064
1138512	Soil	0.8	32.9	74.2	132	1.6	25.6	11.5	633	3.13	171.9	1.2	16.9	4.3	18	0.4	0.9	0.5	32	0.22	0.082
1079612	Soil	0.7	29.4	46.5	136	0.5	21.4	9.3	408	2.36	67.8	1.1	17.4	5.7	12	0.9	0.9	0.9	29	0.14	0.059
1079611	Soil	0.8	170.1	67.1	168	0.7	15.6	6.5	226	2.12	34.6	0.9	6.4	3.5	11	0.6	0.7	0.4	31	0.14	0.065
1079614	Soil	0.9	23.6	23.5	101	<0.1	18.8	8.4	407	2.54	72.9	0.9	6.6	3.5	10	0.8	0.8	0.5	37	0.11	0.050
1079613	Soil	0.7	29.9	20.9	96	0.2	20.5	10.2	485	2.53	30.5	0.9	3.1	4.4	12	0.5	0.6	0.4	36	0.16	0.065
1079615	Soil	0.8	28.0	24.7	105	0.3	23.8	12.1	375	2.23	79.9	0.9	4.1	7.5	13	0.8	0.9	0.4	29	0.13	0.051
1079616	Soil	0.9	55.2	102.0	203	1.8	44.1	24.7	1336	3.94	766.3	2.5	14.4	14.0	19	1.9	2.0	5.2	31	0.20	0.083
1079617	Soil	0.7	45.7	42.0	120	0.6	34.2	12.9	521	2.89	196.2	1.8	11.4	12.4	14	0.8	1.4	1.3	25	0.21	0.072
1079619	Soil	0.9	24.6	32.8	98	0.5	19.4	9.0	479	2.53	202.0	1.3	9.8	3.4	13	0.5	0.9	1.2	29	0.15	0.062
1079618	Soil	0.6	37.4	44.4	118	0.5	29.4	12.6	550	3.01	203.5	1.5	7.7	13.2	10	0.7	1.1	1.2	18	0.13	0.058
1079620	Soil	0.8	16.6	22.1	111	0.2	15.8	7.4	371	2.22	65.3	0.9	24.2	3.6	12	0.7	0.6	0.5	29	0.16	0.065
1079621	Soil	0.7	61.4	43.7	438	0.8	33.2	11.1	516	3.63	285.8	2.5	16.4	15.0	26	3.8	0.8	1.6	23	0.34	0.063
1079622	Soil	0.6	55.8	39.7	384	0.8	30.6	10.1	446	3.18	252.4	2.2	25.3	13.6	23	3.3	0.7	1.5	22	0.31	0.057
1079634	Soil	0.7	28.4	35.2	112	0.5	26.4	11.3	548	2.79	90.6	1.8	34.2	9.9	12	0.4	1.3	0.3	21	0.12	0.052
1079633	Soil	0.7	29.7	39.3	122	0.5	28.7	12.0	613	2.86	114.4	1.9	7.7	11.3	12	0.6	1.4	0.3	20	0.12	0.052
1079632	Soil	0.8	33.8	14.7	83	0.3	26.1	8.9	529	2.61	42.1	0.9	10.9	6.0	13	0.2	1.0	0.4	29	0.18	0.061
1079631	Soil	0.8	31.4	26.0	157	0.2	26.4	9.8	394	2.73	48.1	1.5	9.0	8.7	14	0.7	1.0	0.5	30	0.15	0.067
1079630	Soil	0.9	24.9	50.8	135	0.3	25.9	11.4	516	2.97	67.7	1.3	9.9	8.1	12	0.7	1.0	0.5	23	0.13	0.051
1079629	Soil	1.0	43.0	28.8	210	0.5	38.1	15.2	951	3.69	61.8	1.6	14.0	14.4	15	1.9	1.5	0.5	21	0.26	0.072
1079628	Soil	0.7	24.3	12.0	93	0.2	24.3	8.7	380	2.36	45.2	1.5	5.2	4.4	19	0.5	0.6	0.3	31	0.22	0.069
1079627	Soil	0.7	19.7	14.9	178	0.1	23.5	8.7	339	2.55	142.8	1.3	3.7	4.5	16	1.1	0.6	0.4	28	0.22	0.069
1079626	Soil	0.8	18.6	11.5	189	0.3	17.7	6.2	375	2.11	124.3	1.7	6.9	2.2	31	1.4	0.5	0.5	25	0.60	0.055
1079625	Soil	0.5	64.3	16.1	783	0.6	26.1	11.2	639	2.85	334.8	1.8	11.4	11.5	25	8.5	0.6	1.9	21	0.49	0.050

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000271.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1138501	Soil	49	11	0.46	82	0.005	1	1.17	0.003	0.08	0.1	0.02	1.7	0.3	<0.05	2	<0.5	<0.2
1138503	Soil	28	19	0.33	202	0.011	<1	1.27	0.006	0.06	0.2	0.06	1.5	0.2	<0.05	4	<0.5	<0.2
1138506	Soil	46	17	0.58	92	0.005	<1	1.53	0.006	0.05	<0.1	0.02	1.5	0.1	<0.05	4	<0.5	<0.2
1138508	Soil	32	16	0.40	111	0.010	<1	1.24	0.003	0.06	0.1	0.04	1.8	0.1	<0.05	3	<0.5	<0.2
1138509	Soil	23	14	0.30	157	0.015	2	0.89	0.005	0.06	0.2	0.03	1.4	0.1	<0.05	2	<0.5	<0.2
1138511	Soil	25	23	0.37	196	0.014	2	1.43	0.005	0.08	0.3	0.08	2.2	0.3	<0.05	4	<0.5	<0.2
1138510	Soil	22	20	0.33	164	0.021	3	1.11	0.004	0.07	0.3	0.04	1.7	0.2	<0.05	4	<0.5	<0.2
1138512	Soil	26	23	0.40	323	0.009	1	1.62	0.009	0.08	0.2	0.07	1.9	0.3	<0.05	5	<0.5	<0.2
1079612	Soil	25	19	0.38	135	0.031	<1	1.27	0.005	0.06	0.4	0.05	2.3	0.2	<0.05	3	<0.5	<0.2
1079611	Soil	20	22	0.37	99	0.024	2	1.29	0.004	0.06	0.3	0.04	1.7	0.2	<0.05	4	<0.5	<0.2
1079614	Soil	19	22	0.37	120	0.029	<1	1.33	0.005	0.06	0.5	0.04	2.0	0.2	<0.05	4	<0.5	<0.2
1079613	Soil	23	24	0.82	120	0.033	<1	1.63	0.007	0.07	0.4	0.05	2.6	0.2	<0.05	5	<0.5	<0.2
1079615	Soil	20	19	0.37	110	0.032	1	1.15	0.005	0.06	0.6	0.04	1.7	0.1	<0.05	3	0.5	<0.2
1079616	Soil	38	22	1.10	104	0.015	<1	1.69	0.003	0.09	0.2	0.04	2.2	0.2	<0.05	4	<0.5	<0.2
1079617	Soil	32	20	0.54	96	0.021	<1	1.23	0.004	0.07	0.4	0.05	2.3	0.1	<0.05	3	<0.5	<0.2
1079619	Soil	22	21	0.43	138	0.014	2	1.34	0.005	0.05	0.4	0.03	1.7	0.2	<0.05	4	<0.5	<0.2
1079618	Soil	44	19	0.59	86	0.007	<1	1.39	0.003	0.05	0.2	0.03	1.7	0.1	<0.05	3	<0.5	<0.2
1079620	Soil	23	20	0.37	105	0.018	1	1.15	0.003	0.04	0.8	0.06	1.3	0.1	<0.05	3	<0.5	<0.2
1079621	Soil	43	24	0.67	132	0.009	<1	1.63	0.004	0.10	0.3	0.03	2.4	0.4	<0.05	5	<0.5	<0.2
1079622	Soil	40	23	0.62	122	0.009	2	1.51	0.004	0.09	0.3	0.03	1.9	0.3	<0.05	4	<0.5	<0.2
1079634	Soil	38	19	0.41	161	0.013	<1	1.27	0.004	0.07	<0.1	0.03	2.0	0.2	<0.05	4	<0.5	<0.2
1079633	Soil	39	19	0.44	172	0.010	<1	1.28	0.005	0.08	<0.1	0.03	2.2	0.2	<0.05	4	<0.5	<0.2
1079632	Soil	29	21	0.59	125	0.016	<1	1.34	0.004	0.06	0.2	0.03	2.2	0.2	<0.05	4	0.6	<0.2
1079631	Soil	27	22	0.46	118	0.028	<1	1.43	0.004	0.08	0.2	0.03	2.8	0.2	<0.05	4	<0.5	<0.2
1079630	Soil	30	22	0.52	90	0.014	<1	1.54	0.003	0.06	0.1	0.04	1.8	0.2	<0.05	4	<0.5	<0.2
1079629	Soil	38	19	0.50	154	0.011	<1	1.54	0.004	0.07	0.2	0.03	2.1	0.2	<0.05	4	<0.5	<0.2
1079628	Soil	18	22	0.41	145	0.022	<1	1.32	0.006	0.08	0.3	0.02	1.9	0.2	<0.05	4	<0.5	<0.2
1079627	Soil	21	21	0.43	83	0.018	<1	1.26	0.005	0.06	0.3	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1079626	Soil	17	21	0.34	86	0.013	<1	1.24	0.006	0.05	0.2	0.03	1.5	0.2	<0.05	4	<0.5	<0.2
1079625	Soil	41	23	0.43	57	0.005	<1	1.33	0.004	0.19	0.1	0.03	2.5	0.5	<0.05	5	<0.5	<0.2

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Project: MAY
Report Date: September 24, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1079624	Soil		0.9	58.6	16.1	862	0.5	19.2	7.4	410	2.48	174.3	1.6	15.5	3.8	18	5.0	0.6	2.1	31	0.15	0.047
1079623	Soil		0.8	93.8	10.3	963	0.4	26.0	10.9	677	2.80	220.9	2.1	11.1	7.9	24	8.0	0.7	2.4	30	0.24	0.053
1079640	Soil		0.8	32.5	55.7	116	0.4	26.7	9.9	460	2.98	35.5	1.5	10.0	4.6	11	0.5	0.9	0.4	27	0.15	0.057
1079641	Soil		0.5	28.8	52.5	112	0.6	25.4	10.3	421	2.95	55.3	1.4	24.1	9.2	11	0.3	1.2	0.4	22	0.22	0.061
1079639	Soil		0.8	30.5	122.3	133	0.4	23.8	9.9	437	3.14	42.2	1.2	10.1	8.5	9	0.9	0.9	0.7	18	0.11	0.047
1079638	Soil		0.7	33.8	191.2	178	1.1	25.8	11.8	435	2.83	37.4	1.0	2.9	9.5	13	0.7	1.0	0.5	22	0.19	0.058
1079636	Soil		0.5	26.0	54.2	61	0.5	19.7	8.4	242	2.38	35.6	1.9	5.0	17.3	9	0.1	1.0	0.3	11	0.05	0.041
1079637	Soil		0.4	80.0	95.9	146	1.3	36.6	24.7	996	3.28	85.8	1.2	12.6	18.2	13	1.0	1.2	0.6	33	0.28	0.064
1079635	Soil		0.8	18.0	23.1	61	0.5	24.3	10.3	548	2.12	13.3	0.6	18.9	10.2	9	0.3	1.3	0.2	22	0.08	0.033
1138571	Soil		0.9	36.3	47.7	96	0.6	27.9	13.8	760	2.80	234.8	1.2	44.6	4.6	9	0.4	1.6	0.9	30	0.10	0.068
1138581	Soil		0.9	28.0	103.6	159	1.2	28.8	12.2	734	2.59	154.0	1.5	15.6	8.6	14	1.0	1.6	0.3	25	0.18	0.055
1138576	Soil		0.9	28.1	45.9	93	0.3	27.2	12.2	488	2.85	125.8	1.6	52.5	7.5	12	0.7	1.8	0.5	37	0.13	0.072
1138572	Soil		1.1	19.2	20.7	69	0.2	18.2	7.1	300	2.42	46.9	0.9	21.8	1.8	10	0.4	1.0	0.3	37	0.11	0.057
1138574	Soil		0.9	21.3	19.2	88	0.2	24.2	8.1	333	2.45	190.3	3.3	18.3	2.7	13	0.2	1.0	0.3	32	0.16	0.057
1138577	Soil		0.9	43.2	197.0	134	0.7	29.8	12.1	480	3.04	352.3	2.3	38.3	12.5	14	1.5	2.6	0.8	22	0.14	0.059
1138580	Soil		0.8	24.1	23.1	76	0.5	23.4	8.3	360	2.29	71.8	1.1	21.4	7.2	19	0.4	1.1	0.2	34	0.23	0.076
1138579	Soil		0.8	23.1	38.0	95	1.4	20.3	9.3	508	2.58	66.1	1.2	12.2	5.1	11	0.3	1.0	0.3	27	0.12	0.064
1138573	Soil		0.9	28.9	21.1	92	0.2	24.3	9.8	474	2.68	98.7	1.6	10.2	5.3	11	0.5	1.2	0.4	33	0.10	0.060
1138578	Soil		1.0	38.6	71.0	131	0.3	37.0	14.8	605	3.36	282.4	2.0	32.3	11.3	12	1.3	2.0	0.6	24	0.12	0.060
1138575	Soil		1.0	15.0	16.9	90	0.1	18.0	7.3	289	2.67	73.4	0.9	3.0	1.0	13	0.2	0.7	0.3	45	0.18	0.058
1138564	Soil		0.7	18.5	17.1	52	0.2	19.6	7.8	312	2.28	20.6	0.9	3.3	4.8	14	<0.1	0.6	0.2	26	0.24	0.049
1138553	Soil		0.7	24.4	17.1	59	<0.1	20.6	7.8	395	2.21	49.9	0.8	7.7	4.4	8	0.1	0.8	0.2	30	0.09	0.038
1138552	Soil		0.6	13.5	16.2	44	<0.1	15.2	7.9	263	2.10	55.8	0.8	4.2	1.1	11	0.1	0.6	0.2	31	0.14	0.039
1138555	Soil		0.7	17.7	15.9	57	<0.1	18.2	8.6	315	2.31	16.0	1.1	3.4	2.4	11	<0.1	0.6	0.2	36	0.13	0.052
1138556	Soil		0.6	14.5	36.6	54	<0.1	17.1	6.8	295	2.23	17.1	0.8	2.2	1.8	9	0.1	0.6	0.2	33	0.13	0.036
1138559	Soil		0.5	21.1	30.0	77	0.2	24.2	9.8	439	2.32	36.5	1.1	10.2	7.6	13	0.3	0.9	0.2	20	0.20	0.056
1138554	Soil		0.7	21.0	15.2	82	0.4	24.8	8.2	373	2.23	139.8	2.6	13.8	3.4	25	0.3	0.8	0.2	33	0.37	0.078
1138557	Soil		0.6	17.4	17.1	56	<0.1	20.2	6.4	322	2.37	16.4	0.9	1.2	6.1	12	0.1	0.4	0.3	19	0.26	0.059
1138558	Soil		0.7	15.2	24.9	54	<0.1	17.9	6.6	283	2.06	16.2	0.8	15.7	2.6	13	0.1	0.6	0.2	27	0.19	0.047
1138560	Soil		0.6	19.9	23.5	61	0.2	24.4	8.4	622	2.17	46.7	0.9	6.7	5.1	12	0.2	0.8	0.2	25	0.17	0.040

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1079624	Soil	20	24	0.36	116	0.018	1	1.45	0.004	0.07	0.5	0.04	1.9	0.3	<0.05	4	0.8	<0.2
1079623	Soil	26	27	0.45	159	0.022	1	1.52	0.009	0.13	0.6	0.03	2.7	0.5	<0.05	4	<0.5	<0.2
1079640	Soil	28	22	0.46	96	0.013	<1	1.36	0.005	0.05	0.2	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
1079641	Soil	35	25	0.63	96	0.010	<1	1.52	0.005	0.06	<0.1	0.03	1.8	0.2	<0.05	4	<0.5	<0.2
1079639	Soil	28	18	0.39	75	0.007	<1	1.15	0.003	0.04	0.1	0.02	1.2	0.1	<0.05	3	<0.5	<0.2
1079638	Soil	25	19	0.55	89	0.009	<1	1.30	0.004	0.05	0.1	0.02	1.5	0.1	<0.05	4	<0.5	<0.2
1079636	Soil	53	14	0.32	66	0.004	1	0.99	0.003	0.09	<0.1	0.02	1.4	0.2	<0.05	3	<0.5	<0.2
1079637	Soil	44	25	1.59	84	0.009	<1	1.95	0.003	0.08	<0.1	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1079635	Soil	26	17	0.32	93	0.014	1	1.21	0.004	0.12	<0.1	0.04	1.4	0.2	<0.05	3	<0.5	<0.2
1138571	Soil	24	22	0.48	99	0.014	1	1.43	0.004	0.05	0.3	0.03	1.4	0.2	<0.05	4	<0.5	<0.2
1138581	Soil	29	20	0.39	151	0.017	2	1.09	0.005	0.07	0.3	0.03	1.9	0.2	<0.05	3	<0.5	<0.2
1138576	Soil	32	22	0.35	120	0.031	1	1.03	0.004	0.07	1.4	0.05	1.8	0.1	<0.05	3	<0.5	<0.2
1138572	Soil	17	24	0.33	64	0.031	2	1.01	0.005	0.05	0.8	0.06	1.3	0.1	<0.05	3	0.6	<0.2
1138574	Soil	26	25	0.42	107	0.024	2	1.46	0.005	0.05	0.4	0.04	2.0	0.1	<0.05	4	0.5	<0.2
1138577	Soil	28	17	0.32	231	0.026	2	1.03	0.005	0.08	0.2	0.05	2.4	0.1	<0.05	3	0.5	<0.2
1138580	Soil	21	20	0.34	122	0.035	1	0.85	0.006	0.06	0.7	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
1138579	Soil	26	21	0.40	147	0.012	<1	1.30	0.004	0.06	0.2	0.05	1.7	0.2	<0.05	4	<0.5	<0.2
1138573	Soil	24	22	0.41	141	0.033	2	1.34	0.005	0.05	0.3	0.03	2.7	0.1	<0.05	4	<0.5	<0.2
1138578	Soil	34	18	0.42	142	0.020	2	1.25	0.003	0.07	0.2	0.02	1.8	0.1	<0.05	3	0.5	<0.2
1138575	Soil	16	28	0.47	124	0.023	2	1.51	0.005	0.06	0.3	0.02	1.4	0.1	<0.05	5	<0.5	<0.2
1138564	Soil	24	18	0.34	149	0.011	1	1.16	0.004	0.06	0.2	0.03	1.6	0.1	<0.05	3	<0.5	<0.2
1138553	Soil	21	20	0.32	97	0.015	<1	1.09	0.004	0.05	0.3	0.04	2.2	0.2	<0.05	3	<0.5	<0.2
1138552	Soil	19	19	0.28	107	0.016	<1	1.11	0.004	0.04	0.2	0.02	1.1	0.2	<0.05	3	<0.5	<0.2
1138555	Soil	19	22	0.39	136	0.021	2	1.38	0.005	0.05	0.2	0.02	2.0	0.1	<0.05	4	<0.5	<0.2
1138556	Soil	18	20	0.32	101	0.021	1	1.14	0.004	0.04	0.3	0.04	1.5	0.1	<0.05	3	0.5	<0.2
1138559	Soil	27	15	0.32	112	0.010	<1	1.00	0.004	0.05	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1138554	Soil	25	23	0.36	100	0.022	1	1.06	0.007	0.06	0.6	0.06	2.2	0.1	<0.05	3	<0.5	<0.2
1138557	Soil	29	17	0.38	138	0.004	<1	1.40	0.004	0.06	0.2	0.02	1.4	0.2	<0.05	4	<0.5	<0.2
1138558	Soil	20	17	0.29	122	0.016	<1	1.06	0.004	0.04	0.2	0.03	1.5	0.1	<0.05	3	<0.5	<0.2
1138560	Soil	22	17	0.32	118	0.016	<1	1.00	0.006	0.06	0.2	0.04	1.8	0.1	<0.05	3	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000271.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1138568	Soil	0.7	22.9	74.4	113	1.1	22.1	7.6	388	2.24	55.1	0.9	49.8	6.0	14	0.8	1.0	0.2	35	0.19	0.067
1138563	Soil	0.6	23.6	18.8	52	0.2	23.8	8.8	295	2.27	16.6	0.9	3.0	6.4	11	0.1	0.6	0.2	24	0.16	0.047
1138551	Soil	0.8	15.3	18.1	53	<0.1	18.6	8.5	374	2.31	50.6	0.8	14.8	3.0	11	0.1	0.7	0.2	33	0.12	0.044
1138562	Soil	0.6	14.4	17.6	51	0.1	19.5	7.5	303	2.05	23.7	0.8	2.9	4.5	12	0.1	0.5	0.2	26	0.20	0.046
1138566	Soil	0.9	28.6	85.3	90	0.5	24.9	15.2	686	2.53	431.7	1.6	56.8	2.1	19	0.2	1.5	0.6	22	0.12	0.083
1138567	Soil	0.6	40.1	56.2	258	0.6	23.9	13.0	806	2.50	121.3	1.4	13.9	5.4	20	4.1	1.0	0.9	25	0.28	0.065
1138565	Soil	0.6	23.1	30.4	65	0.3	23.7	8.2	402	2.14	54.8	1.0	11.2	6.1	17	0.2	0.7	0.2	24	0.32	0.054
1138569	Soil	0.7	22.4	74.2	111	1.1	20.8	7.3	350	2.13	54.2	0.9	16.2	5.7	13	0.7	0.9	0.2	33	0.18	0.066
1138570	Soil	0.7	30.2	77.7	148	1.4	25.5	10.4	499	2.41	132.5	1.3	27.0	12.0	16	1.4	1.5	0.3	25	0.23	0.067
1138561	Soil	0.5	23.2	336.4	134	6.1	24.2	9.4	432	2.28	60.7	1.0	30.2	7.2	13	0.8	1.3	0.3	22	0.20	0.047
1025551	Soil	0.7	26.2	38.1	80	0.3	22.2	10.3	586	2.19	35.9	1.5	8.7	3.3	18	0.5	0.8	0.2	30	0.46	0.063
1025557	Soil	0.8	25.7	31.8	96	0.4	26.1	11.0	481	2.42	52.0	2.3	6.5	3.2	31	0.4	0.6	0.3	30	0.45	0.067
1025556	Soil	0.8	11.5	27.7	76	0.2	14.5	6.7	320	1.96	27.5	0.7	3.6	1.6	20	0.3	0.5	0.2	35	0.30	0.057
1025554	Soil	0.8	17.1	25.3	40	0.5	14.6	3.8	118	1.83	32.5	1.0	12.4	0.6	10	0.3	0.6	0.3	29	0.12	0.071
1025553	Soil	0.7	16.4	60.1	98	0.5	17.0	8.2	434	2.18	32.9	1.0	11.0	3.2	14	0.4	0.6	0.2	28	0.25	0.061
1025555	Soil	0.8	20.6	31.9	69	0.3	21.1	7.6	310	2.10	56.6	0.9	15.1	3.9	14	0.3	0.8	0.2	27	0.19	0.060
1025552	Soil	0.5	69.5	2265	1533	7.7	23.5	10.1	1780	3.46	170.2	2.0	85.1	11.0	15	12.2	5.5	0.3	16	0.29	0.049

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Project: MAY
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000271.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1138568	Soil	20	22	0.32	106	0.031	1	0.94	0.004	0.05	0.7	0.05	1.7	0.1	<0.05	3	<0.5	<0.2
1138563	Soil	27	16	0.35	130	0.012	<1	1.04	0.004	0.05	0.2	0.03	1.7	<0.1	<0.05	3	0.5	<0.2
1138551	Soil	18	20	0.34	119	0.019	<1	1.20	0.004	0.04	0.2	0.02	1.9	0.1	<0.05	3	<0.5	<0.2
1138562	Soil	21	17	0.29	137	0.013	1	1.05	0.005	0.04	0.2	0.03	1.6	0.1	<0.05	3	<0.5	<0.2
1138566	Soil	22	17	0.36	105	0.006	<1	1.29	0.004	0.08	0.2	0.05	0.8	0.1	<0.05	3	0.6	<0.2
1138567	Soil	28	19	0.42	130	0.013	1	1.16	0.006	0.08	1.0	0.03	1.6	0.4	<0.05	3	<0.5	<0.2
1138565	Soil	26	19	0.35	150	0.009	<1	1.12	0.004	0.05	0.2	0.03	1.7	0.1	<0.05	3	<0.5	<0.2
1138569	Soil	19	19	0.32	102	0.027	<1	0.91	0.004	0.05	0.7	0.05	1.7	<0.1	<0.05	3	<0.5	<0.2
1138570	Soil	31	17	0.40	146	0.022	<1	1.00	0.005	0.07	0.2	0.03	2.1	0.1	<0.05	3	<0.5	<0.2
1138561	Soil	29	15	0.29	132	0.014	<1	0.92	0.005	0.06	0.2	0.04	2.1	0.1	<0.05	2	<0.5	<0.2
1025551	Soil	20	20	0.32	141	0.014	1	1.12	0.005	0.05	0.3	0.06	1.9	0.1	<0.05	3	<0.5	<0.2
1025557	Soil	24	21	0.37	173	0.011	1	1.40	0.006	0.05	0.2	0.04	1.7	0.1	<0.05	4	0.6	<0.2
1025556	Soil	14	19	0.34	145	0.011	<1	1.10	0.005	0.04	0.3	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
1025554	Soil	17	20	0.21	105	0.013	1	1.01	0.004	0.05	0.3	0.07	1.0	0.2	<0.05	4	<0.5	<0.2
1025553	Soil	19	18	0.32	175	0.009	1	1.06	0.004	0.04	0.3	0.04	1.3	0.1	<0.05	4	<0.5	<0.2
1025555	Soil	20	18	0.32	153	0.019	1	0.92	0.004	0.04	0.4	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1025552	Soil	32	13	0.19	110	0.004	1	0.88	0.004	0.11	0.2	0.04	1.8	0.2	<0.05	3	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Project: MAY
Report Date: September 24, 2011

QUALITY CONTROL REPORT DAW11000271.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1079654	Soil	1.0	43.7	8.3	254	0.2	19.9	5.8	196	2.46	52.4	1.0	29.4	2.3	17	2.1	0.6	0.9	39	0.18	0.061
REP 1079654	QC	0.8	43.3	8.2	254	0.2	18.4	5.5	203	2.41	55.2	1.0	3.9	2.3	17	1.6	0.5	0.9	39	0.18	0.065
1079677	Soil	0.3	23.5	31.2	68	0.2	22.7	10.2	651	2.08	85.5	0.8	10.5	13.1	10	0.7	0.8	0.2	14	0.12	0.037
REP 1079677	QC	0.4	23.3	31.7	68	0.2	22.6	10.1	644	2.05	85.3	0.7	16.5	13.7	10	0.8	0.7	0.2	15	0.12	0.037
1138801	Soil	0.7	15.4	22.0	55	0.1	16.5	6.8	294	2.26	35.2	0.8	5.3	2.3	7	0.1	0.7	0.3	27	0.07	0.042
REP 1138801	QC	0.7	14.8	20.7	53	0.1	15.6	6.4	281	2.14	34.4	0.8	5.3	2.1	8	0.1	0.7	0.3	26	0.06	0.041
1138822	Soil	0.8	18.1	106.9	144	0.9	20.2	9.9	596	2.27	100.7	0.8	20.1	4.6	13	1.0	1.2	0.2	28	0.14	0.072
REP 1138822	QC	0.8	18.5	108.2	147	0.9	20.3	10.3	588	2.27	103.6	0.8	17.9	4.7	13	1.0	1.2	0.3	29	0.14	0.072
1138753	Soil	0.9	18.1	27.7	73	0.9	18.3	8.2	535	2.66	69.0	1.0	13.1	2.8	10	0.4	2.4	0.3	33	0.09	0.065
REP 1138753	QC	0.9	18.5	28.0	74	0.8	19.2	8.6	555	2.78	70.0	0.9	18.2	2.3	10	0.3	2.4	0.3	32	0.09	0.064
1099297	Soil	0.5	13.8	16.4	68	<0.1	18.7	7.6	315	1.85	19.4	1.8	4.1	4.4	19	0.3	0.5	0.2	19	0.34	0.047
REP 1099297	QC	0.5	13.6	16.0	67	<0.1	17.7	7.6	317	1.85	19.8	1.8	4.0	4.9	20	0.4	0.5	0.2	20	0.35	0.049
1099219	Soil	0.7	12.0	23.7	39	0.1	21.0	8.6	544	2.05	35.5	0.5	3.1	5.5	7	0.2	0.6	0.2	28	0.09	0.033
REP 1099219	QC	1.0	11.7	23.3	39	0.1	20.2	8.5	531	2.03	35.6	0.5	3.4	5.4	7	0.2	0.5	0.2	26	0.09	0.032
1138515	Soil	0.8	23.0	35.6	67	0.4	21.8	7.7	279	2.45	49.7	0.9	10.1	3.0	13	0.3	0.8	0.3	29	0.15	0.057
REP 1138515	QC	0.9	25.1	38.3	71	0.5	23.7	8.1	297	2.63	53.5	1.0	27.5	3.1	14	0.3	0.9	0.3	31	0.16	0.061
1138507	Soil	0.8	22.4	55.3	100	3.0	22.4	8.3	460	2.67	79.5	1.1	15.8	2.9	13	0.2	1.7	0.3	29	0.16	0.065
REP 1138507	QC	0.7	21.9	56.5	99	3.0	21.2	7.9	449	2.57	78.4	1.1	10.6	3.1	13	0.3	1.7	0.3	28	0.16	0.068
1079617	Soil	0.7	45.7	42.0	120	0.6	34.2	12.9	521	2.89	196.2	1.8	11.4	12.4	14	0.8	1.4	1.3	25	0.21	0.072
REP 1079617	QC	0.7	47.0	41.0	124	0.6	34.4	12.4	515	2.82	192.4	1.7	11.8	11.9	13	0.8	1.3	1.2	24	0.20	0.068
1079637	Soil	0.4	80.0	95.9	146	1.3	36.6	24.7	996	3.28	85.8	1.2	12.6	18.2	13	1.0	1.2	0.6	33	0.28	0.064
REP 1079637	QC	0.5	78.8	94.8	144	1.3	36.7	24.0	988	3.17	82.4	1.3	12.5	18.0	13	0.9	1.0	0.6	33	0.27	0.062
1138553	Soil	0.7	24.4	17.1	59	<0.1	20.6	7.8	395	2.21	49.9	0.8	7.7	4.4	8	0.1	0.8	0.2	30	0.09	0.038
REP 1138553	QC	0.6	24.5	17.0	58	<0.1	20.1	8.0	389	2.24	50.1	0.8	9.9	3.9	8	0.1	0.9	0.2	29	0.09	0.040
Reference Materials																					
STD DS8	Standard	14.4	115.3	128.2	316	1.9	41.8	8.1	633	2.68	26.2	2.8	107.7	6.6	71	2.2	5.6	6.8	46	0.77	0.086
STD DS8	Standard	13.3	106.2	119.4	294	1.8	37.6	7.5	614	2.40	24.3	2.8	117.6	6.6	68	2.2	5.7	6.2	42	0.72	0.076
STD DS8	Standard	12.9	108.2	131.3	328	2.0	37.6	7.6	634	2.60	25.7	2.9	133.1	6.9	70	2.3	6.3	7.2	43	0.70	0.080

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QUALITY CONTROL REPORT DAW11000271.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1079654	Soil	17	25	0.46	156	0.026	<1	1.57	0.006	0.07	1.0	0.02	1.8	0.4	<0.05	5	0.8	<0.2
REP 1079654	QC	17	24	0.46	155	0.026	<1	1.58	0.006	0.08	1.0	0.03	2.1	0.4	<0.05	5	<0.5	<0.2
1079677	Soil	33	15	0.40	108	0.007	<1	0.92	0.003	0.09	0.2	0.02	1.6	<0.1	<0.05	3	0.8	<0.2
REP 1079677	QC	31	15	0.40	108	0.006	<1	0.92	0.003	0.08	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1138801	Soil	23	19	0.35	90	0.011	<1	1.28	0.004	0.04	0.2	0.02	1.4	0.1	<0.05	4	<0.5	<0.2
REP 1138801	QC	22	18	0.34	87	0.012	2	1.22	0.008	0.04	0.2	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
1138822	Soil	17	16	0.32	86	0.018	<1	1.03	0.004	0.05	0.4	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
REP 1138822	QC	17	16	0.33	88	0.018	1	1.06	0.004	0.05	0.4	0.05	1.4	0.1	<0.05	3	0.7	<0.2
1138753	Soil	19	20	0.34	141	0.010	<1	1.25	0.004	0.06	0.2	0.07	1.3	0.1	<0.05	4	0.5	<0.2
REP 1138753	QC	20	20	0.34	143	0.013	<1	1.29	0.008	0.06	0.2	0.06	1.3	0.1	<0.05	4	<0.5	<0.2
1099297	Soil	22	14	0.28	87	0.008	2	0.96	0.005	0.05	0.2	0.03	1.3	0.1	0.06	2	<0.5	<0.2
REP 1099297	QC	21	14	0.29	90	0.007	1	0.95	0.005	0.05	0.1	0.04	1.3	0.1	0.06	2	<0.5	<0.2
1099219	Soil	17	15	0.17	92	0.019	1	1.18	0.003	0.05	0.2	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
REP 1099219	QC	17	15	0.17	88	0.019	2	1.19	0.003	0.05	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1138515	Soil	27	20	0.34	116	0.017	<1	1.06	0.005	0.07	0.5	0.07	1.1	0.1	<0.05	3	<0.5	<0.2
REP 1138515	QC	30	22	0.36	127	0.019	1	1.15	0.005	0.07	0.7	0.05	1.4	0.1	<0.05	4	<0.5	<0.2
1138507	Soil	27	20	0.36	157	0.014	1	1.22	0.005	0.06	0.2	0.08	1.5	0.2	<0.05	4	<0.5	<0.2
REP 1138507	QC	29	19	0.37	163	0.013	<1	1.25	0.005	0.06	0.2	0.06	1.3	0.2	<0.05	3	<0.5	<0.2
1079617	Soil	32	20	0.54	96	0.021	<1	1.23	0.004	0.07	0.4	0.05	2.3	0.1	<0.05	3	<0.5	<0.2
REP 1079617	QC	32	19	0.53	96	0.024	4	1.18	0.004	0.06	0.3	0.02	2.2	0.1	<0.05	3	<0.5	<0.2
1079637	Soil	44	25	1.59	84	0.009	<1	1.95	0.003	0.08	<0.1	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
REP 1079637	QC	44	24	1.58	82	0.009	<1	1.92	0.004	0.08	<0.1	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1138553	Soil	21	20	0.32	97	0.015	<1	1.09	0.004	0.05	0.3	0.04	2.2	0.2	<0.05	3	<0.5	<0.2
REP 1138553	QC	21	21	0.33	96	0.019	1	1.11	0.004	0.05	0.3	0.04	2.3	0.2	<0.05	3	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	127	0.65	286	0.121	2	1.04	0.116	0.46	3.1	0.17	4.4	5.6	0.21	5	5.7	6.2
STD DS8	Standard	16	115	0.59	291	0.120	3	0.95	0.099	0.41	3.1	0.20	2.8	5.4	0.15	5	5.4	4.8
STD DS8	Standard	15	119	0.62	288	0.117	4	0.93	0.096	0.43	3.3	0.21	2.4	5.5	0.16	5	5.1	5.3

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: September 24, 2011

QUALITY CONTROL REPORT DAW11000271.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	12.1	102.1	125.5	304	1.8	35.7	7.1	594	2.46	25.0	2.8	114.2	6.8	69	2.2	5.9	6.7	39	0.66	0.077
STD DS8	Standard	14.1	110.5	124.4	314	1.8	39.5	7.5	620	2.49	25.3	2.9	131.2	6.7	72	2.3	5.7	6.6	43	0.71	0.086
STD DS8	Standard	11.7	96.4	121.6	296	1.7	34.1	6.7	562	2.29	23.4	2.6	101.8	6.6	69	2.4	5.5	6.4	39	0.64	0.074
STD DS8	Standard	13.8	108.7	121.0	307	1.8	38.8	7.6	620	2.44	25.1	2.8	113.4	7.0	69	2.4	5.5	6.6	44	0.73	0.079
STD DS8	Standard	13.0	115.2	125.6	319	1.8	39.6	7.7	638	2.47	24.7	2.7	128.7	6.5	73	2.5	5.7	6.8	43	0.74	0.083
STD DS8	Standard	12.4	102.4	122.2	301	1.8	37.3	7.4	604	2.44	24.1	2.5	114.5	5.7	60	2.2	5.4	6.2	40	0.66	0.080
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: September 24, 2011

QUALITY CONTROL REPORT DAW11000271.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	16	110	0.61	295	0.114	<1	0.93	0.093	0.43	3.0	0.20	2.4	5.4	0.13	5	5.2	5.2
STD DS8	Standard	16	118	0.62	296	0.127	3	0.96	0.102	0.43	3.0	0.20	2.7	5.5	0.20	5	5.3	4.7
STD DS8	Standard	14	108	0.57	276	0.104	3	0.85	0.098	0.40	2.8	0.19	2.5	5.2	0.16	4	5.3	4.8
STD DS8	Standard	16	118	0.62	284	0.131	2	0.97	0.112	0.44	3.1	0.22	3.3	5.3	0.17	5	5.1	4.8
STD DS8	Standard	16	122	0.63	294	0.125	2	1.04	0.107	0.46	3.2	0.20	3.5	5.5	0.15	5	5.5	4.9
STD DS8	Standard	13	113	0.59	269	0.105	4	0.90	0.103	0.42	2.8	0.19	2.1	5.4	0.14	4	5.0	4.8
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: September 05, 2011
Report Date: October 04, 2011
Page: 1 of 11

CERTIFICATE OF ANALYSIS DAW11000274.1

CLIENT JOB INFORMATION

Project: ALP
Shipment ID: ALP2011-02
P.O. Number
Number of Samples: 294

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	294	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	294	Dry at 60C			WHI
1DX2	293	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 04, 2011

CERTIFICATE OF ANALYSIS DAW11000274.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078275	Soil	0.6	16.2	21.9	63	0.1	20.4	8.5	547	2.22	14.7	0.9	0.6	3.3	15	0.4	0.4	0.3	28	0.20	0.059
1078276	Soil	0.6	19.8	29.6	78	0.1	22.5	11.0	593	2.37	21.2	1.0	1.0	4.1	17	0.5	0.4	0.3	26	0.22	0.054
1078274	Soil	0.5	25.0	32.7	118	0.4	26.3	9.8	518	2.64	32.1	1.3	0.9	6.6	13	0.8	0.5	0.3	23	0.16	0.043
1078277	Soil	0.6	20.2	29.8	77	0.1	21.1	10.4	638	2.49	17.5	0.9	13.5	2.8	19	0.5	0.4	0.3	27	0.28	0.064
1078278	Soil	0.5	22.9	48.8	126	0.2	25.8	11.7	755	2.95	24.8	1.2	1.6	6.3	19	1.3	0.5	0.3	23	0.23	0.063
1078281	Soil	0.4	46.3	1115	1076	6.4	30.2	11.4	887	3.25	156.2	1.2	15.9	11.8	13	9.5	3.3	0.4	19	0.21	0.071
1078280	Soil	0.7	19.2	62.0	259	0.3	22.5	9.2	578	2.48	33.2	1.1	3.1	3.6	14	1.5	0.5	0.3	32	0.18	0.058
1078279	Soil	0.6	18.8	71.6	132	0.3	24.0	9.8	741	2.70	23.9	1.0	15.6	3.8	20	1.4	0.5	0.2	27	0.29	0.073
1154792	Soil	0.3	23.0	60.8	135	0.2	26.6	11.4	636	2.50	8.9	0.6	<0.5	15.9	14	1.1	0.3	0.2	8	0.22	0.028
1154791	Soil	0.7	17.6	24.2	52	<0.1	15.2	6.5	292	2.28	12.5	0.6	<0.5	5.7	8	0.2	0.6	0.3	22	0.09	0.041
1078282	Soil	0.7	31.7	32.2	137	0.5	27.6	10.5	566	2.52	21.9	1.0	2.3	4.9	15	0.6	0.6	0.2	35	0.24	0.075
1078290	Soil	0.9	25.6	16.6	82	0.2	17.6	8.3	403	2.31	31.3	0.8	8.5	1.9	9	0.6	0.5	0.3	36	0.10	0.049
1078292	Soil	1.0	19.8	31.4	83	0.2	19.8	12.8	757	2.61	25.8	0.8	4.2	2.6	9	0.4	0.5	0.2	36	0.09	0.053
1078293	Soil	0.9	20.5	14.2	59	<0.1	17.8	9.2	442	2.25	38.9	0.8	7.2	2.5	8	0.3	0.7	0.2	30	0.09	0.053
1078286	Soil	0.9	34.8	12.4	72	0.1	28.4	11.8	733	2.60	16.5	1.0	3.8	6.2	12	0.3	0.7	0.2	34	0.14	0.064
1078296	Soil	1.0	21.3	37.8	97	0.1	16.0	7.9	372	2.17	21.1	0.8	1.2	1.9	10	0.7	0.9	0.2	35	0.11	0.050
1154785	Soil	1.1	36.2	30.0	184	0.3	38.3	11.0	606	2.87	60.5	1.5	4.4	9.5	14	2.3	2.0	0.4	27	0.20	0.066
1154789	Soil	0.4	23.8	28.6	86	0.2	25.2	11.4	505	2.17	35.3	0.7	1.3	12.3	11	0.8	0.6	0.4	15	0.13	0.036
1154790	Soil	0.4	23.3	22.0	71	<0.1	23.3	9.6	632	1.98	14.4	0.7	1.3	8.3	9	0.5	0.5	0.2	19	0.09	0.037
1078291	Soil	1.0	28.1	17.5	96	0.2	20.1	9.8	476	2.51	34.6	0.8	9.4	2.3	10	0.9	0.5	0.3	38	0.10	0.050
1154788	Soil	0.7	15.1	25.9	88	0.3	14.3	6.0	311	2.22	52.9	0.8	1.6	2.9	9	0.4	0.6	0.6	26	0.13	0.046
1154798	Soil	0.4	12.1	29.2	73	0.4	13.3	5.5	240	2.09	41.5	0.6	1.6	2.8	9	0.2	0.6	0.9	21	0.14	0.040
1154799	Soil	0.4	45.8	39.0	428	0.5	36.8	20.9	835	4.00	122.3	1.5	3.4	14.3	8	5.0	2.2	0.4	14	0.09	0.041
1154787	Soil	0.4	25.4	96.2	99	0.6	20.3	10.0	883	2.80	100.6	1.3	18.9	9.0	16	0.6	2.5	0.8	9	0.21	0.035
1154786	Soil	0.7	26.8	144.0	431	1.4	17.6	6.5	235	3.20	163.3	1.3	6.2	4.3	11	3.2	1.6	1.1	20	0.15	0.068
1078294	Soil	0.9	13.1	23.8	50	<0.1	13.0	8.1	437	2.18	38.7	0.6	13.4	1.0	8	0.2	0.8	0.2	35	0.08	0.045
1078288	Soil	0.9	27.7	11.8	50	<0.1	16.5	7.7	326	2.34	14.3	0.8	5.8	1.9	10	0.2	0.5	0.2	38	0.09	0.048
1078285	Soil	0.9	25.6	16.9	66	0.1	19.1	9.0	415	2.37	14.8	0.9	1.1	3.0	11	0.3	0.5	0.2	37	0.11	0.052
1078295	Soil	0.9	26.6	31.8	108	0.1	18.9	9.1	478	2.38	14.9	0.8	1.0	2.8	11	0.6	0.6	0.2	36	0.12	0.055
1078287	Soil	0.9	20.5	12.4	50	0.1	15.2	7.9	414	2.30	15.5	0.7	6.9	1.2	9	0.2	0.5	0.2	43	0.08	0.045

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 04, 2011

CERTIFICATE OF ANALYSIS DAW11000274.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078275	Soil	23	16	0.27	105	0.016	2	0.91	0.004	0.03	0.2	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1078276	Soil	23	17	0.33	115	0.016	1	1.08	0.006	0.06	0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
1078274	Soil	33	17	0.34	113	0.014	2	1.12	0.004	0.05	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1078277	Soil	18	16	0.28	101	0.015	2	0.98	0.005	0.05	0.2	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
1078278	Soil	27	16	0.30	90	0.014	<1	0.97	0.004	0.05	0.3	0.03	1.9	<0.1	<0.05	2	0.6	<0.2
1078281	Soil	37	16	0.74	68	0.012	2	1.25	0.003	0.06	0.2	0.03	2.3	0.1	<0.05	3	<0.5	<0.2
1078280	Soil	21	20	0.39	148	0.018	<1	1.28	0.005	0.04	0.2	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2
1078279	Soil	21	18	0.34	114	0.016	1	1.07	0.005	0.04	0.2	0.03	1.6	<0.1	<0.05	3	0.5	<0.2
1154792	Soil	45	12	0.48	53	0.002	<1	1.01	0.003	0.05	<0.1	0.01	1.1	<0.1	<0.05	3	<0.5	<0.2
1154791	Soil	24	14	0.26	61	0.009	<1	1.09	0.003	0.04	0.1	0.01	0.9	<0.1	<0.05	3	<0.5	<0.2
1078282	Soil	22	21	0.44	124	0.029	1	1.39	0.005	0.04	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1078290	Soil	19	21	0.35	62	0.025	<1	1.25	0.004	0.03	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1078292	Soil	21	23	0.39	54	0.021	2	1.27	0.004	0.03	0.2	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1078293	Soil	20	21	0.35	61	0.022	<1	1.21	0.004	0.04	0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1078286	Soil	22	23	0.43	96	0.035	1	1.22	0.004	0.04	0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1078296	Soil	19	21	0.33	80	0.027	<1	1.17	0.005	0.04	0.2	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1154785	Soil	27	17	0.31	98	0.025	<1	1.01	0.004	0.06	0.2	0.02	2.7	<0.1	<0.05	3	<0.5	<0.2
1154789	Soil	30	10	0.23	169	0.028	<1	0.74	0.003	0.14	0.1	0.02	1.8	0.1	<0.05	2	<0.5	<0.2
1154790	Soil	22	13	0.27	83	0.025	<1	0.88	0.004	0.10	0.1	0.02	1.7	0.1	<0.05	2	<0.5	<0.2
1078291	Soil	21	21	0.36	68	0.028	1	1.27	0.004	0.04	0.2	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
1154788	Soil	23	16	0.25	83	0.011	<1	1.09	0.004	0.06	0.1	0.02	1.2	0.2	<0.05	3	<0.5	<0.2
1154798	Soil	21	14	0.24	107	0.005	<1	1.11	0.003	0.05	0.1	0.02	0.9	0.2	<0.05	3	<0.5	<0.2
1154799	Soil	43	15	0.35	109	0.004	<1	1.07	0.003	0.06	<0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1154787	Soil	33	7	0.13	134	0.003	<1	0.68	0.004	0.09	<0.1	0.02	1.7	0.2	<0.05	2	<0.5	<0.2
1154786	Soil	30	16	0.25	135	0.009	2	1.07	0.003	0.05	0.2	0.03	1.3	0.2	<0.05	3	<0.5	<0.2
1078294	Soil	19	20	0.33	53	0.020	<1	1.11	0.004	0.04	0.2	0.03	0.9	<0.1	<0.05	4	0.5	<0.2
1078288	Soil	19	23	0.36	77	0.032	1	1.35	0.005	0.04	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1078285	Soil	20	22	0.37	80	0.032	<1	1.31	0.004	0.04	0.2	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
1078295	Soil	21	21	0.37	82	0.031	<1	1.25	0.004	0.04	0.2	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1078287	Soil	17	24	0.35	83	0.032	<1	1.26	0.005	0.04	0.1	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2

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Project: ALP
Report Date: October 04, 2011

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078283	Soil		0.6	17.5	17.5	63	0.1	18.5	7.4	327	2.21	22.5	0.8	3.4	2.0	10	0.3	0.6	0.2	34	0.12	0.057
1078284	Soil		0.7	22.3	16.5	93	0.3	25.8	10.5	647	2.37	33.6	0.9	3.7	6.8	14	0.4	0.8	0.2	34	0.19	0.087
1078289	Soil		1.1	20.6	25.0	97	0.2	16.7	8.7	402	2.42	37.5	0.8	7.4	1.7	10	0.8	0.6	0.3	39	0.10	0.050
1078488	Soil		1.1	12.1	15.1	37	0.2	10.8	4.1	191	2.59	21.2	0.8	<0.5	0.7	8	0.2	0.5	0.3	46	0.07	0.060
1078477	Soil		0.8	23.4	15.1	95	0.2	20.8	7.7	349	2.52	63.3	1.1	1.9	2.8	9	0.7	1.0	0.6	31	0.08	0.047
1078479	Soil		0.8	19.0	17.4	72	0.1	20.0	8.4	405	2.47	37.4	1.1	5.9	2.5	9	0.4	0.7	0.2	37	0.08	0.051
1078487	Soil		0.6	16.6	13.2	60	0.2	18.8	8.7	443	2.53	19.9	1.0	14.1	2.2	10	0.1	0.5	0.3	41	0.09	0.043
1078486	Soil		0.7	21.2	15.5	70	0.4	22.3	8.5	408	2.66	37.7	1.2	16.5	1.7	12	0.3	0.6	0.3	38	0.12	0.076
1078478	Soil		0.7	20.5	15.4	68	0.2	18.3	7.1	322	2.54	39.0	1.0	5.0	0.6	8	0.4	0.8	0.3	37	0.07	0.069
1078481	Soil		0.7	16.1	22.6	75	0.2	18.6	7.4	465	2.68	28.8	0.9	6.0	1.9	7	0.3	0.9	0.2	37	0.07	0.044
1078484	Soil		1.0	14.7	16.1	47	0.2	14.1	5.9	280	2.30	20.1	0.8	5.2	0.8	8	0.3	0.5	0.2	39	0.08	0.052
1078483	Soil		1.0	15.6	21.0	54	0.2	15.3	6.4	321	2.54	30.4	1.0	4.2	1.1	9	0.3	0.6	0.3	36	0.06	0.044
1078482	Soil		0.6	18.4	38.6	166	0.3	21.1	7.8	395	2.73	23.4	0.9	12.5	2.4	8	0.7	0.6	0.3	42	0.08	0.042
1078480	Soil		1.0	16.9	22.1	78	0.2	17.2	7.6	394	2.65	52.9	0.9	5.6	1.2	8	0.3	0.7	0.3	40	0.06	0.052
1078485	Soil		0.5	13.8	15.9	55	0.4	16.8	6.1	267	2.45	19.5	0.8	3.6	0.5	8	0.2	0.5	0.2	38	0.07	0.076
1078493	Soil		0.6	16.4	10.4	45	<0.1	14.5	5.4	191	2.08	11.0	0.7	3.7	1.6	10	0.1	0.5	0.1	35	0.10	0.048
1078489	Soil		0.8	18.7	13.4	64	0.2	19.5	6.9	313	2.55	25.9	1.0	4.2	2.2	12	0.2	0.5	0.2	37	0.15	0.059
1078490	Soil		0.5	15.1	12.0	54	0.2	15.5	5.7	234	2.31	19.0	0.9	3.8	1.9	10	<0.1	0.5	0.2	38	0.11	0.050
1078491	Soil		0.7	14.1	11.1	52	<0.1	15.6	5.5	198	2.18	17.5	0.6	2.3	2.3	9	<0.1	0.5	0.2	38	0.10	0.038
1078492	Soil		0.7	19.2	12.8	61	0.4	17.5	6.8	296	2.33	19.0	0.9	3.0	1.7	10	0.3	0.7	0.2	36	0.12	0.065
1078494	Soil		0.8	16.2	11.3	46	<0.1	14.8	5.6	179	2.14	11.1	0.7	3.1	1.4	10	0.1	0.6	0.2	39	0.10	0.047
1078465	Soil		0.7	26.1	25.2	128	0.5	20.0	8.1	368	2.83	103.6	1.6	15.0	8.2	12	0.7	2.4	0.3	24	0.13	0.069
1078466	Soil		1.0	26.7	34.8	118	1.3	21.2	8.0	350	2.75	88.1	1.3	12.9	4.4	13	0.8	1.2	0.6	40	0.14	0.064
1078468	Soil		1.0	30.7	24.1	206	0.5	30.7	14.6	674	3.01	189.9	1.5	9.1	7.1	13	1.6	1.0	0.6	32	0.13	0.064
1078467	Soil		1.2	26.0	28.8	132	0.8	23.4	8.0	396	2.89	207.4	1.4	18.6	6.5	12	0.7	1.4	0.7	33	0.12	0.058
1078470	Soil		0.8	32.8	27.6	135	0.5	24.1	11.1	428	2.89	242.3	1.3	32.3	7.0	15	1.4	1.1	0.5	31	0.18	0.075
1078469	Soil		0.7	21.3	13.8	77	0.2	16.8	6.7	260	2.57	136.0	0.8	6.2	2.9	10	0.4	1.0	0.4	34	0.09	0.045
1078472	Soil		0.6	25.6	20.1	93	0.6	17.6	8.2	419	2.89	142.2	1.3	12.5	1.1	12	0.5	1.0	0.7	38	0.09	0.067
1078471	Soil		1.0	34.0	15.1	167	0.3	31.5	10.4	485	2.87	144.1	1.9	16.3	11.4	9	0.6	1.0	0.5	38	0.08	0.053
1078473	Soil		0.9	32.0	17.8	86	0.4	21.9	9.7	437	2.93	162.7	1.6	10.4	3.5	10	0.4	1.2	0.5	29	0.06	0.050

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078283	Soil	19	20	0.32	96	0.028	2	1.22	0.005	0.05	0.1	0.04	1.8	<0.1	<0.05	4	0.6	<0.2
1078284	Soil	22	20	0.35	97	0.039	<1	1.25	0.006	0.05	0.3	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2
1078289	Soil	18	23	0.36	71	0.029	2	1.30	0.005	0.04	0.2	0.05	1.3	<0.1	<0.05	4	0.6	<0.2
1078488	Soil	20	19	0.22	70	0.029	1	1.15	0.004	0.05	0.2	0.03	0.9	0.1	0.06	6	<0.5	<0.2
1078477	Soil	25	20	0.34	71	0.022	<1	1.07	0.004	0.06	0.4	0.04	1.1	<0.1	<0.05	3	0.5	<0.2
1078479	Soil	21	22	0.36	95	0.024	1	1.27	0.004	0.05	0.2	0.06	1.6	0.1	<0.05	4	<0.5	<0.2
1078487	Soil	19	25	0.45	104	0.035	1	1.45	0.005	0.06	0.3	0.03	1.7	0.1	0.05	5	<0.5	<0.2
1078486	Soil	26	25	0.42	137	0.028	4	1.57	0.005	0.07	0.4	0.05	2.0	0.1	0.08	5	0.9	<0.2
1078478	Soil	19	22	0.34	63	0.012	2	1.35	0.005	0.06	0.3	0.04	0.8	0.1	0.05	4	0.6	<0.2
1078481	Soil	19	25	0.45	80	0.024	3	1.31	0.004	0.07	0.3	0.02	1.4	0.1	0.06	5	<0.5	<0.2
1078484	Soil	19	22	0.33	72	0.022	2	1.14	0.005	0.05	0.3	<0.01	0.8	<0.1	0.10	5	0.9	<0.2
1078483	Soil	20	23	0.33	93	0.018	1	1.20	0.004	0.05	0.2	<0.01	1.0	0.1	<0.05	4	<0.5	<0.2
1078482	Soil	20	26	0.57	92	0.037	3	1.54	0.005	0.06	0.3	0.02	2.0	0.1	<0.05	5	<0.5	<0.2
1078480	Soil	20	21	0.25	70	0.024	2	1.03	0.004	0.05	0.4	0.02	1.0	0.1	0.10	5	<0.5	<0.2
1078485	Soil	17	23	0.39	71	0.015	3	1.33	0.004	0.06	0.1	0.02	0.8	<0.1	0.07	4	0.6	<0.2
1078493	Soil	15	22	0.36	72	0.029	2	1.39	0.004	0.04	0.1	0.03	1.6	0.1	0.06	4	1.2	<0.2
1078489	Soil	20	22	0.41	97	0.034	2	1.35	0.005	0.06	0.2	0.03	1.5	0.1	0.05	4	<0.5	<0.2
1078490	Soil	17	23	0.39	80	0.028	2	1.44	0.005	0.05	0.2	0.02	1.8	0.1	0.07	5	0.7	<0.2
1078491	Soil	15	22	0.35	72	0.034	2	1.31	0.004	0.06	0.2	0.03	1.7	0.1	<0.05	4	0.9	<0.2
1078492	Soil	16	23	0.39	77	0.032	3	1.37	0.005	0.05	0.2	0.02	1.8	0.1	0.05	4	<0.5	<0.2
1078494	Soil	16	23	0.38	73	0.030	3	1.44	0.004	0.05	0.2	0.01	1.7	0.1	0.07	4	0.6	<0.2
1078465	Soil	28	16	0.29	57	0.022	2	0.89	0.005	0.06	0.2	0.01	1.4	0.1	0.08	3	0.5	<0.2
1078466	Soil	23	23	0.41	91	0.033	2	1.28	0.006	0.06	0.3	0.03	2.2	0.1	<0.05	4	0.9	<0.2
1078468	Soil	24	21	0.56	90	0.030	2	1.19	0.005	0.10	0.3	0.02	1.6	0.1	0.05	4	0.6	<0.2
1078467	Soil	27	22	0.35	93	0.025	3	1.15	0.005	0.06	0.3	0.02	1.8	0.2	<0.05	3	<0.5	<0.2
1078470	Soil	25	20	0.38	77	0.030	3	1.04	0.005	0.06	0.4	0.03	1.6	0.1	<0.05	3	1.0	<0.2
1078469	Soil	19	19	0.31	81	0.025	2	1.05	0.006	0.06	0.4	<0.01	1.4	0.1	<0.05	3	<0.5	<0.2
1078472	Soil	20	23	0.41	139	0.015	2	1.41	0.005	0.08	0.2	0.02	0.9	0.3	0.06	5	<0.5	<0.2
1078471	Soil	37	24	0.86	131	0.039	1	1.58	0.004	0.26	0.2	<0.01	3.2	0.3	<0.05	5	0.6	<0.2
1078473	Soil	26	22	0.39	100	0.012	2	1.29	0.004	0.07	0.4	0.04	1.6	0.2	<0.05	4	1.0	<0.2

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CERTIFICATE OF ANALYSIS DAW11000274.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078475	Soil		0.8	24.3	12.6	93	0.2	23.1	8.5	413	2.48	66.3	1.3	8.9	3.3	10	0.5	0.8	0.3	34	0.10	0.051
1078474	Soil		0.6	23.5	12.9	91	0.1	21.3	8.0	391	2.43	68.3	1.3	9.6	3.6	10	0.7	0.8	0.3	34	0.11	0.056
1078476	Soil		0.7	22.9	13.6	83	0.2	23.0	9.2	370	2.63	38.7	1.2	33.1	4.0	10	0.6	1.0	0.3	32	0.09	0.044
1078334	Soil		0.4	23.9	228.2	880	1.6	24.5	9.7	696	2.85	68.5	0.9	5.9	9.5	16	12.4	2.1	0.3	12	0.41	0.056
1078332	Soil		0.5	24.0	97.2	473	0.9	27.2	11.0	880	2.82	112.9	0.9	2.9	10.8	15	10.5	1.6	0.3	12	0.22	0.043
1078333	Soil		0.7	20.8	85.5	459	0.8	21.8	7.8	532	2.53	57.4	0.9	11.5	7.0	20	9.7	1.5	0.3	20	0.31	0.049
1078337	Soil		0.7	22.4	69.2	250	0.4	23.8	8.5	438	2.57	22.5	1.2	4.1	6.0	11	2.3	1.4	0.2	29	0.13	0.051
1078339	Soil		0.9	25.1	20.3	93	0.2	20.2	7.8	420	2.49	15.0	0.9	4.2	2.2	14	0.8	0.6	0.2	37	0.17	0.053
1078346	Soil		0.7	20.0	26.7	94	0.2	18.5	6.6	285	2.59	10.1	1.0	1.7	2.1	8	0.6	0.5	0.2	31	0.09	0.054
1078338	Soil		0.6	23.6	77.1	155	0.4	23.3	10.3	547	2.72	22.5	1.1	4.2	4.3	17	1.2	0.9	0.3	32	0.25	0.074
1078340	Soil		0.9	27.5	36.3	110	0.3	26.4	10.8	585	2.68	19.0	1.2	2.4	4.7	12	0.7	0.8	0.3	30	0.14	0.069
1078336	Soil		0.6	28.2	270.6	1893	1.9	27.2	11.2	727	3.28	78.8	0.9	4.0	10.4	16	23.5	2.3	0.7	16	0.24	0.061
1078335	Soil		0.8	32.0	274.1	2045	2.0	31.2	12.9	803	4.06	83.6	0.9	8.8	10.3	15	25.6	2.2	0.7	14	0.27	0.065
1078342	Soil		0.9	25.9	17.2	103	0.2	20.4	8.6	425	3.25	15.8	1.0	4.2	1.2	10	0.6	0.6	0.2	45	0.10	0.069
1078341	Soil		1.1	36.4	36.3	118	0.3	25.6	13.1	832	3.24	16.2	1.3	3.6	3.0	11	1.0	0.8	0.3	33	0.15	0.066
1078344	Soil		0.7	27.2	20.3	138	0.1	22.5	9.3	396	2.76	20.3	1.0	8.5	6.0	10	0.8	0.5	0.2	29	0.13	0.060
1078343	Soil		0.8	27.5	20.4	129	0.1	23.6	8.9	403	2.35	18.9	1.1	14.9	5.9	8	0.9	0.6	0.3	29	0.10	0.057
1078345	Soil		0.8	25.3	24.0	128	0.2	23.0	10.7	502	2.61	12.2	1.1	4.8	4.5	8	0.8	0.4	0.3	32	0.10	0.058
1078458	Soil		0.8	31.4	15.9	67	0.1	24.1	9.9	385	2.33	17.1	1.0	7.5	4.8	8	0.5	0.9	0.2	34	0.11	0.058
1078461	Soil		0.8	16.0	16.7	45	<0.1	14.9	5.4	181	2.20	64.5	0.6	7.9	1.9	7	0.2	0.9	0.2	33	0.08	0.048
1078463	Soil		0.7	29.8	18.1	77	<0.1	31.3	15.2	457	2.97	24.6	0.7	2.2	4.0	11	0.3	0.6	0.3	32	0.11	0.054
1078462	Soil		0.8	40.3	21.1	86	0.4	31.3	14.1	558	2.63	72.6	1.6	16.3	7.3	11	0.7	0.9	0.2	29	0.13	0.068
1078464	Soil		0.8	21.1	19.1	56	<0.1	19.2	7.8	273	2.38	21.8	0.7	3.1	2.6	7	0.2	0.6	0.2	28	0.07	0.050
1078460	Soil		0.7	19.5	23.8	69	0.1	17.8	6.9	217	2.18	24.2	0.8	5.3	1.6	7	0.3	0.8	0.2	30	0.08	0.051
1078459	Soil		0.8	30.9	36.7	89	0.2	25.9	12.0	480	2.80	96.3	1.0	19.3	4.5	8	0.5	2.5	0.3	27	0.09	0.047
1079194	Soil		0.7	43.1	15.0	88	0.1	27.8	12.2	635	2.50	18.1	0.8	14.5	7.0	11	0.4	0.7	0.4	30	0.13	0.064
1079197	Soil		0.9	24.1	27.7	123	0.3	20.3	9.0	368	2.59	43.2	0.9	10.2	3.3	9	0.9	0.6	0.4	38	0.10	0.051
1079199	Soil		0.9	21.6	31.3	167	0.1	21.3	10.3	525	2.29	19.7	0.7	10.5	2.8	11	1.3	0.5	0.2	33	0.13	0.063
1079200	Soil		0.9	26.3	22.9	204	0.3	24.8	9.9	426	2.39	42.4	1.0	12.5	4.6	10	1.6	0.6	0.3	35	0.13	0.056
1154800	Soil		1.0	13.9	54.7	100	0.2	15.7	17.4	1044	2.39	17.5	0.7	5.2	1.9	9	0.7	0.5	0.2	38	0.11	0.066

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 04, 2011

CERTIFICATE OF ANALYSIS DAW11000274.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078475	Soil		24	21	0.35	103	0.030	2	1.24	0.004	0.09	0.2	<0.01	1.6	0.1	<0.05	4	0.8	<0.2
1078474	Soil		25	21	0.34	102	0.029	2	1.18	0.004	0.09	0.2	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
1078476	Soil		27	21	0.43	124	0.034	3	1.38	0.005	0.12	0.5	<0.01	1.5	0.1	<0.05	5	<0.5	<0.2
1078334	Soil		31	9	0.15	68	0.006	1	0.55	0.004	0.07	0.2	0.01	1.7	0.1	<0.05	1	1.0	<0.2
1078332	Soil		30	10	0.22	81	0.010	3	0.60	0.004	0.09	0.2	0.02	1.6	<0.1	<0.05	2	0.6	<0.2
1078333	Soil		28	15	0.28	100	0.013	3	0.88	0.006	0.09	0.2	0.02	1.9	<0.1	0.05	2	<0.5	<0.2
1078337	Soil		26	17	0.37	91	0.025	2	1.12	0.005	0.05	0.3	0.02	2.1	<0.1	<0.05	3	0.7	<0.2
1078339	Soil		21	23	0.41	94	0.025	2	1.28	0.005	0.05	0.3	0.01	1.5	0.1	<0.05	4	<0.5	<0.2
1078346	Soil		30	23	0.49	56	0.018	<1	1.40	0.005	0.04	0.1	0.01	1.3	0.1	<0.05	5	<0.5	<0.2
1078338	Soil		27	21	0.37	121	0.020	<1	1.18	0.005	0.06	0.2	0.02	1.9	0.1	<0.05	4	0.8	<0.2
1078340	Soil		33	20	0.41	101	0.028	2	1.13	0.005	0.05	0.2	0.02	1.8	<0.1	<0.05	4	0.7	<0.2
1078336	Soil		29	11	0.28	55	0.014	<1	0.76	0.006	0.06	0.1	<0.01	2.0	<0.1	<0.05	2	0.9	<0.2
1078335	Soil		25	12	0.27	57	0.011	1	0.76	0.005	0.05	0.1	0.04	2.0	<0.1	<0.05	2	<0.5	<0.2
1078342	Soil		16	29	0.46	110	0.021	<1	1.60	0.006	0.05	0.2	0.04	1.5	0.1	<0.05	5	<0.5	<0.2
1078341	Soil		21	24	0.45	123	0.025	1	1.35	0.005	0.05	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1078344	Soil		27	21	0.41	77	0.018	<1	1.30	0.004	0.05	0.2	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
1078343	Soil		24	22	0.39	72	0.020	1	1.22	0.003	0.05	0.3	0.02	1.7	<0.1	0.05	4	0.7	<0.2
1078345	Soil		26	23	0.48	79	0.021	1	1.38	0.004	0.04	0.3	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1078458	Soil		18	21	0.36	107	0.026	1	1.16	0.004	0.03	0.2	0.05	2.5	<0.1	<0.05	3	0.6	<0.2
1078461	Soil		15	20	0.31	71	0.016	<1	1.29	0.004	0.03	0.2	0.03	1.2	0.1	<0.05	4	0.6	<0.2
1078463	Soil		36	25	0.60	99	0.013	2	1.79	0.004	0.06	<0.1	0.03	1.7	<0.1	<0.05	5	<0.5	<0.2
1078462	Soil		24	20	0.46	113	0.018	1	1.31	0.005	0.05	0.2	0.03	2.8	<0.1	<0.05	3	<0.5	<0.2
1078464	Soil		21	23	0.41	60	0.010	1	1.34	0.003	0.03	<0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1078460	Soil		15	18	0.31	71	0.014	1	1.19	0.004	0.03	0.2	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
1078459	Soil		25	21	0.45	87	0.010	<1	1.26	0.004	0.03	0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1079194	Soil		22	21	0.46	79	0.030	1	1.13	0.004	0.04	0.2	0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
1079197	Soil		17	25	0.38	98	0.024	1	1.27	0.004	0.04	0.2	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1079199	Soil		14	21	0.37	84	0.022	2	1.22	0.009	0.04	0.2	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1079200	Soil		19	23	0.37	86	0.028	2	1.14	0.004	0.04	0.2	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
1154800	Soil		14	23	0.35	63	0.021	1	1.21	0.007	0.04	0.2	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 04, 2011

CERTIFICATE OF ANALYSIS DAW11000274.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1079195	Soil		0.9	25.1	23.9	144	0.1	19.9	11.1	546	2.40	35.2	0.8	14.9	4.1	10	1.5	0.6	0.3	34	0.12	0.057
1079196	Soil		1.0	24.7	27.5	128	0.3	18.4	9.0	374	2.54	45.7	0.9	10.9	3.6	10	1.0	0.6	0.3	38	0.10	0.051
1079193	Soil		1.0	38.9	13.2	67	0.2	23.0	9.4	684	2.27	14.3	0.9	20.4	6.0	12	0.3	0.8	0.2	35	0.16	0.066
1079181	Soil		0.6	22.2	19.6	66	0.1	25.8	8.7	433	2.23	11.7	1.1	5.5	4.6	12	0.4	0.5	0.2	28	0.16	0.065
1079186	Soil		0.6	39.4	338.6	407	1.4	37.1	17.1	1236	3.56	258.4	1.3	59.9	13.4	16	8.0	5.7	0.4	18	0.24	0.054
1079189	Soil		0.6	17.6	22.5	81	0.1	25.0	10.1	554	2.37	40.4	0.8	8.8	5.9	12	0.5	1.0	0.2	30	0.17	0.073
1149691	Soil		0.7	30.4	29.1	69	0.2	30.0	13.3	1392	2.48	10.4	1.1	3.5	7.7	13	0.4	0.5	0.3	22	0.16	0.053
1079183	Soil		0.6	16.5	21.5	66	<0.1	21.9	10.7	776	2.23	13.9	0.6	3.5	6.2	16	0.5	0.4	0.2	21	0.32	0.041
1079184	Soil		1.2	28.0	55.0	95	0.3	32.8	13.8	1614	2.96	50.9	1.1	2.5	8.5	14	1.2	0.7	0.3	21	0.18	0.051
1079187	Soil		0.5	31.2	167.7	279	0.7	27.8	11.3	799	2.96	61.2	0.9	21.8	8.2	13	3.4	0.7	0.4	23	0.21	0.052
1079185	Soil		0.7	20.2	48.6	90	0.4	26.6	10.3	924	2.49	297.0	0.8	16.0	5.7	11	0.8	1.7	0.3	23	0.14	0.046
1079188	Soil		0.6	45.2	42.8	136	0.4	32.1	13.2	1114	3.29	81.9	1.1	7.9	13.9	15	1.5	0.8	0.3	18	0.24	0.065
1079190	Soil		0.7	20.3	22.3	93	<0.1	26.1	9.8	533	2.67	33.7	0.9	9.4	7.2	11	0.6	0.9	0.2	32	0.16	0.071
1079191	Soil		1.4	33.4	14.7	72	0.2	23.2	10.2	538	2.56	19.4	1.0	9.8	6.1	13	0.4	0.8	0.2	33	0.14	0.066
1079192	Soil		1.0	32.5	13.1	67	0.2	22.8	10.3	530	2.55	25.8	0.8	6.6	4.8	13	0.3	0.8	0.3	39	0.16	0.070
1078347	Soil		0.8	22.4	19.4	86	0.2	20.9	8.3	330	2.31	11.2	1.0	2.8	3.1	12	0.3	0.5	0.2	33	0.14	0.046
1078451	Soil		1.0	22.6	22.2	92	0.1	19.4	7.8	396	2.44	56.9	0.9	7.8	3.0	8	0.6	2.1	0.2	32	0.08	0.050
1078350	Soil		1.0	21.6	18.0	89	0.2	20.1	8.4	348	2.64	19.9	0.9	3.1	1.8	9	0.3	0.8	0.3	39	0.08	0.055
1078455	Soil		0.9	23.5	23.7	80	0.1	23.2	8.5	352	2.56	42.2	0.8	5.2	1.9	10	0.4	1.6	0.2	35	0.11	0.058
1078349	Soil		0.9	16.9	16.1	67	<0.1	16.3	5.7	215	2.22	20.4	0.8	3.2	1.6	7	0.3	0.6	0.2	33	0.07	0.051
1078453	Soil		0.7	21.8	31.8	92	0.2	27.0	8.0	403	2.37	75.9	1.0	5.7	2.1	8	0.8	2.1	0.2	24	0.08	0.052
1078348	Soil		0.8	30.0	38.4	86	0.2	25.4	9.9	359	2.39	17.0	1.1	3.3	4.5	9	0.4	0.6	0.2	30	0.11	0.053
1078457	Soil		0.8	25.5	21.4	73	0.1	25.0	9.2	339	2.34	21.8	0.9	3.9	3.2	10	0.5	1.1	0.2	30	0.12	0.059
1078452	Soil		1.0	19.0	20.1	70	0.1	18.5	7.8	348	2.35	45.4	0.8	7.6	1.2	7	0.4	2.0	0.2	30	0.07	0.051
1078454	Soil		0.8	22.3	29.1	98	0.2	27.1	8.5	393	2.49	80.1	1.1	8.4	1.7	9	0.8	2.3	0.2	30	0.08	0.061
1078456	Soil		0.8	21.8	32.4	106	0.2	26.2	9.2	451	2.70	48.8	0.8	19.7	2.1	13	0.8	1.9	0.2	30	0.16	0.061
1075073	Soil		1.2	17.5	17.8	65	0.1	22.3	10.8	494	2.51	27.4	0.7	3.4	1.7	6	0.2	0.7	0.2	36	0.07	0.059
1075072	Soil		0.6	19.8	20.6	63	0.1	24.2	13.0	418	2.29	35.3	0.9	3.4	7.8	11	0.2	0.5	0.2	30	0.14	0.062
1075071	Soil		1.0	14.3	14.9	64	0.1	18.6	9.3	586	2.47	24.3	0.6	2.9	1.5	5	0.2	0.4	0.3	31	0.05	0.052
1075070	Soil		0.5	12.2	11.3	56	0.3	16.0	5.9	216	1.91	20.3	1.7	1.3	2.4	10	0.1	0.3	0.2	25	0.13	0.033

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Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 04, 2011

CERTIFICATE OF ANALYSIS DAW11000274.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1079195	Soil		16	21	0.33	71	0.026	2	1.17	0.004	0.04	0.2	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
1079196	Soil		19	23	0.41	105	0.025	<1	1.29	0.004	0.04	0.2	0.02	1.9	<0.1	<0.05	4	0.5	<0.2
1079193	Soil		18	22	0.34	98	0.028	2	0.97	0.004	0.04	0.3	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1079181	Soil		21	19	0.32	111	0.016	<1	1.02	0.005	0.04	0.2	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1079186	Soil		36	18	0.62	84	0.017	<1	1.14	0.003	0.08	0.2	0.02	2.0	0.1	<0.05	3	<0.5	<0.2
1079189	Soil		16	19	0.30	82	0.025	<1	0.97	0.004	0.04	0.3	0.05	1.9	<0.1	<0.05	3	<0.5	<0.2
1149691	Soil		27	15	0.29	116	0.016	<1	0.88	0.004	0.04	0.2	0.03	2.4	<0.1	<0.05	2	<0.5	<0.2
1079183	Soil		21	15	0.28	98	0.016	1	0.88	0.004	0.04	0.2	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1079184	Soil		33	18	0.33	125	0.012	<1	1.02	0.004	0.05	0.2	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1079187	Soil		31	19	0.67	112	0.021	1	1.28	0.003	0.07	0.3	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
1079185	Soil		23	18	0.27	114	0.013	1	1.02	0.004	0.04	0.3	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
1079188	Soil		39	16	0.57	88	0.014	<1	1.06	0.003	0.06	0.2	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
1079190	Soil		19	21	0.28	76	0.027	2	0.95	0.004	0.04	0.4	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
1079191	Soil		19	21	0.37	83	0.030	1	1.05	0.005	0.04	0.2	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
1079192	Soil		20	25	0.40	80	0.034	<1	1.14	0.004	0.04	0.3	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1078347	Soil		20	25	0.47	93	0.017	1	1.31	0.004	0.03	0.2	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1078451	Soil		20	22	0.34	65	0.015	1	1.15	0.003	0.04	0.1	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1078350	Soil		26	26	0.44	81	0.017	2	1.43	0.004	0.04	0.2	0.04	1.4	0.1	<0.05	5	<0.5	<0.2
1078455	Soil		23	23	0.36	83	0.017	1	1.24	0.005	0.04	0.2	0.03	1.6	<0.1	<0.05	4	0.6	<0.2
1078349	Soil		17	23	0.31	68	0.012	<1	1.10	0.003	0.04	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1078453	Soil		24	19	0.28	84	0.007	<1	1.04	0.003	0.03	0.1	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1078348	Soil		23	26	0.44	86	0.018	<1	1.24	0.003	0.04	0.3	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1078457	Soil		20	21	0.34	77	0.018	<1	1.11	0.004	0.04	0.2	0.02	1.5	<0.1	<0.05	3	0.6	<0.2
1078452	Soil		16	20	0.28	71	0.010	<1	1.03	0.005	0.03	0.1	0.04	1.0	<0.1	<0.05	3	<0.5	<0.2
1078454	Soil		29	22	0.34	94	0.011	1	1.21	0.004	0.04	0.1	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1078456	Soil		24	21	0.36	119	0.013	1	1.16	0.006	0.04	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1075073	Soil		14	32	0.37	67	0.016	2	1.43	0.005	0.05	0.3	0.04	1.3	<0.1	<0.05	4	0.8	<0.2
1075072	Soil		22	23	0.42	89	0.049	1	1.24	0.005	0.16	0.3	0.03	1.6	0.2	<0.05	3	<0.5	<0.2
1075071	Soil		12	26	0.34	67	0.015	1	1.30	0.002	0.06	0.2	0.03	1.0	0.1	<0.05	4	<0.5	<0.2
1075070	Soil		21	20	0.33	79	0.015	1	1.06	0.004	0.05	0.2	0.03	1.3	<0.1	<0.05	3	0.7	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1075074	Soil		0.9	17.3	15.0	53	<0.1	19.1	8.7	357	2.30	21.9	0.7	1.5	2.2	7	0.1	0.5	0.2	34	0.08	0.050
1075058	Soil		0.9	27.6	41.0	127	0.7	25.3	10.6	574	2.55	125.1	1.8	13.2	5.2	11	1.9	0.9	0.9	29	0.13	0.061
1075060	Soil		0.9	20.4	15.4	101	0.3	22.2	8.9	441	2.42	54.3	1.1	8.5	1.8	7	0.5	0.6	0.3	37	0.06	0.046
1154793	Soil		1.3	20.6	29.6	77	0.2	23.4	9.0	317	2.75	199.3	1.0	7.2	3.3	11	0.5	1.4	0.3	32	0.08	0.046
1075061	Soil		0.9	23.6	13.0	77	0.1	20.9	8.6	373	2.36	34.6	1.2	3.9	1.8	8	0.4	0.7	0.2	33	0.09	0.058
1075059	Soil		0.9	20.1	15.5	98	0.3	22.1	9.0	443	2.47	56.2	1.1	3.0	1.6	7	0.6	0.6	0.3	37	0.06	0.047
1075052	Soil		1.1	19.9	17.5	65	0.2	17.2	6.9	299	2.46	96.2	1.2	7.8	1.3	8	0.3	1.1	0.3	37	0.07	0.053
1154797	Soil		0.9	32.4	24.6	119	0.4	31.4	15.2	517	2.71	147.5	1.6	11.3	5.2	11	1.8	1.1	0.3	29	0.09	0.061
1075053	Soil		0.7	21.9	14.9	76	0.2	17.9	7.4	324	2.40	94.6	1.1	18.5	4.6	8	0.5	1.1	0.3	32	0.07	0.054
1075051	Soil		1.2	24.2	24.6	80	0.2	27.7	11.4	556	2.73	131.1	1.1	2.9	3.2	11	0.6	1.1	0.3	26	0.08	0.054
1075056	Soil		1.1	19.3	18.5	68	0.2	16.2	11.1	754	2.54	46.8	1.2	2.8	0.9	8	0.5	0.7	0.3	37	0.06	0.062
1154794	Soil		3.2	31.2	47.7	94	0.2	71.7	14.2	628	2.88	247.8	1.6	7.2	4.0	15	0.8	1.7	0.4	23	0.09	0.062
1154795	Soil		1.4	29.1	25.0	85	0.3	29.5	14.6	719	2.64	166.7	1.3	15.5	3.9	14	0.8	1.0	0.3	26	0.11	0.081
1154796	Soil		0.8	27.3	53.8	87	0.9	22.6	10.0	328	2.25	143.9	1.3	7.8	7.9	11	1.1	1.1	0.4	22	0.09	0.050
1075054	Soil		1.1	20.4	23.5	88	0.2	19.2	9.6	476	2.87	95.4	1.0	39.3	2.4	8	0.5	0.9	0.3	38	0.07	0.048
1075057	Soil		0.9	18.7	18.9	69	0.3	18.4	7.3	280	2.61	57.7	1.1	4.4	1.3	8	0.4	0.6	0.3	38	0.07	0.048
1075055	Soil		1.1	23.7	19.1	80	0.3	20.2	8.6	401	2.67	65.4	1.1	16.6	2.1	8	0.5	0.8	0.3	35	0.07	0.057
1075063	Soil		0.8	23.0	20.3	78	0.3	22.5	8.6	352	2.15	26.1	1.2	6.7	5.2	7	0.3	0.7	0.2	26	0.09	0.056
1075062	Soil		0.8	16.3	18.0	72	0.1	16.8	9.6	482	2.50	30.3	0.7	11.9	1.5	7	0.3	0.7	0.3	31	0.06	0.057
1075065	Soil		0.9	16.1	17.4	60	<0.1	17.7	6.8	276	2.37	20.4	0.9	4.5	1.7	7	0.2	0.5	0.2	33	0.06	0.048
1075064	Soil		0.7	24.7	34.0	83	0.2	21.1	8.5	373	2.25	21.9	1.0	12.7	5.0	10	0.3	0.6	0.2	33	0.14	0.075
1075067	Soil		0.7	21.2	13.5	71	0.2	22.4	10.7	481	2.33	20.1	0.8	2.9	4.6	11	0.4	0.6	0.2	32	0.15	0.087
1075066	Soil		0.6	18.1	14.0	66	0.2	16.8	12.9	755	2.39	18.9	0.8	3.5	4.0	11	0.3	0.6	0.1	33	0.12	0.079
1075068	Soil		0.9	18.9	24.7	82	<0.1	23.5	17.5	917	2.61	17.4	0.9	15.3	5.4	10	0.2	0.6	0.2	34	0.14	0.091
1075069	Soil		0.8	21.9	23.0	74	0.4	22.6	10.6	541	2.43	24.0	1.0	3.5	3.7	9	0.2	0.6	0.2	30	0.11	0.053
1151195	Soil		0.8	15.3	14.2	58	<0.1	13.7	5.5	212	2.21	77.6	0.6	2.3	2.2	6	0.4	0.9	0.2	28	0.05	0.030
1078297	Soil		0.8	31.5	21.4	79	0.3	16.8	15.0	536	3.14	201.8	1.4	13.4	5.7	12	0.4	0.8	0.3	21	0.08	0.073
1151194	Soil		0.9	26.5	33.2	75	0.4	19.6	7.1	261	2.32	275.8	2.2	8.6	5.3	16	0.7	2.2	0.4	18	0.07	0.046
1151196	Soil		0.7	23.8	29.0	80	0.5	14.4	4.5	154	2.24	161.0	1.2	12.6	1.6	11	0.8	1.0	0.4	23	0.05	0.067
1151197	Soil		1.0	27.6	39.8	120	0.5	25.5	10.8	498	2.84	253.0	1.3	10.0	2.9	14	0.9	0.8	0.5	24	0.07	0.063

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1075074	Soil		15	23	0.34	81	0.021	<1	1.22	0.003	0.05	0.5	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1075058	Soil		20	20	0.41	139	0.026	1	1.02	0.004	0.06	1.0	0.03	1.9	0.1	<0.05	3	<0.5	<0.2
1075060	Soil		15	27	0.51	94	0.022	1	1.51	0.004	0.05	0.2	0.02	1.4	0.1	<0.05	5	<0.5	<0.2
1154793	Soil		14	22	0.26	87	0.014	1	1.16	0.005	0.05	0.3	0.04	1.2	0.1	<0.05	3	0.7	<0.2
1075061	Soil		17	25	0.35	90	0.020	<1	1.35	0.004	0.04	0.3	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1075059	Soil		16	25	0.50	93	0.028	<1	1.54	0.004	0.05	0.2	0.03	1.4	0.1	<0.05	4	<0.5	<0.2
1075052	Soil		16	24	0.29	89	0.016	<1	1.14	0.004	0.04	0.3	0.03	1.3	0.1	<0.05	4	0.7	<0.2
1154797	Soil		20	18	0.27	93	0.019	1	0.98	0.004	0.05	0.2	0.03	1.9	0.1	<0.05	3	0.6	<0.2
1075053	Soil		18	21	0.29	73	0.019	<1	1.15	0.003	0.04	0.4	0.04	1.8	<0.1	<0.05	3	<0.5	<0.2
1075051	Soil		18	31	0.31	74	0.016	1	0.99	0.005	0.06	0.2	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1075056	Soil		15	24	0.26	97	0.015	<1	1.16	0.003	0.04	0.2	0.05	0.8	0.1	<0.05	4	0.6	<0.2
1154794	Soil		19	93	0.21	65	0.011	<1	0.87	0.006	0.07	0.4	0.04	1.0	0.1	0.05	2	1.0	<0.2
1154795	Soil		17	22	0.30	72	0.016	2	1.04	0.008	0.07	0.3	0.04	1.5	0.1	<0.05	3	0.7	<0.2
1154796	Soil		18	16	0.20	91	0.019	1	0.73	0.006	0.05	0.2	0.02	1.7	<0.1	<0.05	2	<0.5	<0.2
1075054	Soil		17	25	0.34	119	0.022	<1	1.19	0.004	0.05	0.3	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1075057	Soil		16	26	0.36	94	0.019	1	1.45	0.004	0.04	0.2	0.04	1.5	0.1	<0.05	5	<0.5	<0.2
1075055	Soil		17	23	0.33	85	0.017	<1	1.15	0.004	0.04	0.3	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1075063	Soil		20	22	0.32	73	0.020	1	1.19	0.004	0.05	0.2	0.05	1.8	0.1	<0.05	3	<0.5	<0.2
1075062	Soil		19	22	0.33	77	0.016	<1	1.24	0.004	0.05	0.2	0.03	1.1	0.1	<0.05	4	<0.5	<0.2
1075065	Soil		19	25	0.32	76	0.017	<1	1.27	0.004	0.04	0.2	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
1075064	Soil		20	22	0.32	73	0.033	2	1.16	0.004	0.05	0.3	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2
1075067	Soil		17	22	0.37	103	0.030	1	1.30	0.005	0.05	0.3	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1075066	Soil		16	21	0.35	84	0.028	2	1.35	0.006	0.04	0.3	0.04	1.8	<0.1	<0.05	3	0.6	<0.2
1075068	Soil		18	26	0.36	80	0.035	1	1.48	0.004	0.09	0.2	0.04	2.2	0.1	<0.05	4	0.5	<0.2
1075069	Soil		19	23	0.33	82	0.023	<1	1.20	0.004	0.05	0.2	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
1151195	Soil		11	15	0.20	40	0.017	<1	0.83	0.004	0.03	0.2	0.03	1.0	0.1	<0.05	3	<0.5	<0.2
1078297	Soil		21	17	0.32	65	0.011	<1	1.06	0.005	0.05	0.2	0.02	1.1	0.1	0.06	3	<0.5	<0.2
1151194	Soil		20	18	0.19	64	0.008	1	0.77	0.003	0.06	0.2	0.04	1.3	0.2	0.05	2	<0.5	<0.2
1151196	Soil		17	17	0.23	92	0.006	<1	1.09	0.005	0.08	0.2	0.05	0.8	0.2	0.08	3	0.5	<0.2
1151197	Soil		19	24	0.25	82	0.010	<1	1.00	0.005	0.06	0.3	0.03	1.1	0.1	0.06	3	0.7	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151198	Soil		1.0	28.4	37.9	110	0.2	29.7	13.8	764	2.88	248.1	1.4	8.8	3.9	14	0.8	0.8	0.5	38	0.13	0.068
1151264	Soil		1.0	19.3	16.7	73	0.2	19.9	8.0	367	2.48	85.5	1.1	7.0	1.3	8	0.3	0.9	0.3	35	0.07	0.056
1151199	Soil		1.1	33.0	19.2	112	0.2	41.5	19.4	820	2.67	163.9	1.6	4.9	5.6	12	0.9	0.7	0.3	37	0.14	0.069
1151336	Soil		1.1	24.1	32.9	114	0.5	21.6	9.4	452	2.68	157.3	1.2	14.7	2.3	7	0.7	1.0	0.4	32	0.06	0.060
1151263	Soil		1.1	22.4	18.6	85	0.2	19.6	8.7	433	2.56	96.1	1.1	11.6	1.8	8	0.5	0.8	0.4	37	0.07	0.057
1151265	Soil		1.0	19.4	19.4	68	0.2	16.8	6.4	277	2.40	117.5	1.1	6.4	1.6	6	0.4	0.9	0.4	36	0.05	0.050
1151266	Soil		0.8	30.9	14.5	73	0.2	19.2	6.7	311	2.17	81.7	1.4	11.1	4.0	9	0.5	0.7	0.3	32	0.11	0.066
1151335	Soil		1.0	25.4	18.2	86	0.3	20.1	10.5	550	2.58	106.8	1.3	10.6	3.1	7	0.6	0.9	0.3	32	0.07	0.061
1151200	Soil		1.1	37.0	32.1	140	0.4	37.3	18.8	1287	3.24	248.4	2.0	17.4	5.1	11	1.2	1.2	0.4	26	0.08	0.063
1151267	Soil		1.0	16.7	16.4	64	0.2	15.2	7.0	338	2.43	80.0	0.9	2.8	1.1	7	0.2	0.7	0.3	36	0.06	0.054
1151305	Soil		0.9	31.3	20.2	95	0.5	23.3	11.8	566	2.99	99.7	1.4	52.7	2.6	8	0.5	1.0	0.4	34	0.06	0.058
1151304	Soil		1.1	31.8	24.1	96	0.6	23.8	10.7	494	3.01	111.0	1.5	6.3	3.1	9	0.6	1.1	0.3	35	0.08	0.064
1151334	Soil		0.7	29.3	14.3	93	0.3	21.7	8.5	369	2.54	64.5	1.2	19.3	4.2	9	0.7	1.2	0.3	32	0.10	0.061
1078299	Soil		0.6	31.2	22.4	136	0.7	29.3	12.3	444	3.13	255.4	1.6	16.2	8.9	8	0.9	1.8	0.4	16	0.07	0.057
1078300	Soil		0.7	27.7	61.6	121	1.5	21.7	11.0	558	3.01	199.4	1.4	33.2	4.1	8	0.6	2.3	0.5	21	0.06	0.068
1151303	Soil		1.1	29.4	25.1	104	0.5	24.3	10.5	530	3.07	93.3	1.5	5.0	3.3	9	0.7	1.1	0.4	39	0.08	0.066
1078298	Soil		0.7	41.0	20.3	89	0.4	17.3	7.1	331	3.32	253.1	1.7	16.5	9.2	12	0.3	1.1	0.4	20	0.08	0.072
1151337	Soil		0.7	27.9	14.7	181	0.2	34.5	11.5	667	2.60	67.0	1.3	25.3	5.9	9	0.9	0.6	0.4	40	0.09	0.051
1151272	Soil		0.8	24.5	22.6	79	0.7	19.4	8.6	475	2.42	43.0	1.2	7.4	3.1	8	0.4	0.5	0.3	32	0.10	0.060
1151451	Soil		0.6	16.9	10.7	47	<0.1	14.9	5.5	163	1.96	16.4	0.7	6.1	3.1	7	0.1	0.4	0.2	25	0.08	0.042
1151453	Soil		0.7	13.2	10.7	54	0.2	14.2	6.2	249	2.12	17.5	0.6	2.6	1.4	7	0.2	0.5	0.2	30	0.07	0.047
1151454	Soil		0.8	17.8	11.9	64	0.1	21.2	10.8	421	2.39	16.9	0.7	4.9	5.4	10	0.2	0.8	0.2	37	0.15	0.073
1151455	Soil		0.6	18.5	15.2	59	<0.1	18.1	8.8	436	2.16	34.2	0.7	3.0	2.5	8	0.2	0.6	0.2	34	0.08	0.053
1151269	Soil		1.2	21.9	18.2	79	0.1	19.5	9.6	419	2.46	59.6	1.0	3.6	1.8	8	0.4	0.7	0.3	37	0.07	0.047
1151268	Soil		1.0	22.2	15.7	72	0.2	18.8	8.3	424	2.31	72.6	1.0	13.2	2.0	9	0.3	0.7	0.3	35	0.11	0.066
1151270	Soil		1.3	22.8	15.2	79	0.2	21.3	8.6	360	2.65	34.6	1.0	5.0	2.0	11	0.2	0.6	0.3	44	0.11	0.063
1151338	Soil		0.8	26.3	15.0	82	0.2	21.8	10.6	474	2.57	40.8	1.2	5.0	3.4	9	0.4	0.7	0.2	35	0.07	0.055
1151452	Soil		0.7	13.1	10.9	52	0.2	13.7	6.2	235	2.06	17.2	0.6	3.1	1.4	6	0.2	0.4	0.2	30	0.07	0.043
1151349	Soil		0.8	15.9	14.2	52	<0.1	15.0	5.9	197	2.39	19.5	0.8	5.0	2.1	7	0.1	0.5	0.2	38	0.08	0.046
1151271	Soil		0.7	24.3	12.0	67	0.3	17.5	6.5	277	1.96	40.0	1.3	9.2	4.9	9	0.3	0.6	0.2	29	0.13	0.063

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 04, 2011

CERTIFICATE OF ANALYSIS DAW11000274.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151198	Soil		18	23	0.48	98	0.026	<1	1.33	0.005	0.10	0.4	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1151264	Soil		16	27	0.31	68	0.019	1	1.23	0.004	0.05	0.2	0.03	1.4	0.1	<0.05	4	0.5	<0.2
1151199	Soil		24	24	0.50	91	0.032	1	1.34	0.005	0.06	0.4	0.04	1.8	0.1	0.05	4	<0.5	<0.2
1151336	Soil		20	26	0.37	82	0.015	2	1.25	0.003	0.04	0.2	0.03	1.3	0.2	<0.05	4	<0.5	<0.2
1151263	Soil		14	24	0.39	86	0.026	2	1.30	0.005	0.05	0.3	0.03	1.7	0.1	0.05	4	<0.5	<0.2
1151265	Soil		13	25	0.34	66	0.017	<1	1.25	0.003	0.04	0.5	0.02	1.3	0.1	0.05	4	0.7	<0.2
1151266	Soil		18	20	0.37	88	0.031	2	1.11	0.004	0.04	0.7	0.04	2.3	<0.1	<0.05	3	0.6	<0.2
1151335	Soil		19	24	0.33	82	0.020	1	1.20	0.003	0.04	0.3	0.03	1.5	0.1	<0.05	4	0.6	<0.2
1151200	Soil		27	20	0.39	98	0.014	<1	1.14	0.004	0.06	0.3	0.03	1.4	0.1	<0.05	4	0.6	<0.2
1151267	Soil		14	24	0.36	72	0.018	<1	1.25	0.004	0.04	0.3	0.03	1.2	0.1	<0.05	4	0.6	<0.2
1151305	Soil		16	23	0.40	92	0.016	1	1.27	0.003	0.03	0.3	0.04	1.5	0.1	<0.05	4	0.7	<0.2
1151304	Soil		18	23	0.41	100	0.019	1	1.34	0.004	0.04	0.3	0.04	1.8	0.1	<0.05	4	0.6	<0.2
1151334	Soil		21	20	0.34	116	0.020	1	1.11	0.004	0.04	0.3	0.04	1.9	0.1	<0.05	3	0.6	<0.2
1078299	Soil		27	14	0.20	62	0.008	<1	0.72	0.003	0.04	0.1	0.02	1.4	0.1	<0.05	2	0.8	<0.2
1078300	Soil		23	15	0.19	91	0.006	<1	0.82	0.004	0.05	0.2	0.03	1.3	0.2	0.06	3	1.0	<0.2
1151303	Soil		18	24	0.41	125	0.022	2	1.33	0.005	0.05	0.2	0.04	2.3	0.1	<0.05	4	<0.5	<0.2
1078298	Soil		33	20	0.41	49	0.014	<1	1.11	0.005	0.04	0.3	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1151337	Soil		23	27	0.75	157	0.050	<1	1.84	0.004	0.12	0.2	0.02	2.4	0.2	<0.05	5	<0.5	<0.2
1151272	Soil		19	21	0.33	84	0.022	<1	1.20	0.003	0.03	0.3	0.03	1.7	<0.1	<0.05	4	0.5	<0.2
1151451	Soil		19	18	0.34	55	0.019	1	1.10	0.003	0.04	0.2	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1151453	Soil		14	19	0.34	65	0.021	1	1.21	0.004	0.04	0.3	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1151454	Soil		22	22	0.40	53	0.037	<1	1.12	0.004	0.05	0.5	0.05	1.4	<0.1	<0.05	3	<0.5	<0.2
1151455	Soil		16	22	0.43	76	0.027	<1	1.23	0.004	0.05	0.4	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1151269	Soil		14	23	0.39	73	0.027	<1	1.14	0.005	0.04	0.3	0.03	1.3	<0.1	<0.05	4	0.6	<0.2
1151268	Soil		17	22	0.38	66	0.023	2	1.13	0.006	0.04	0.5	0.03	1.4	<0.1	<0.05	4	0.7	<0.2
1151270	Soil		15	29	0.47	90	0.036	2	1.53	0.006	0.05	0.3	0.05	2.0	0.1	<0.05	5	0.7	<0.2
1151338	Soil		24	25	0.36	106	0.026	1	1.31	0.004	0.07	0.3	0.03	1.9	0.1	<0.05	4	0.9	<0.2
1151452	Soil		13	19	0.33	62	0.018	<1	1.17	0.003	0.04	0.3	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1151349	Soil		16	22	0.35	79	0.021	<1	1.29	0.004	0.04	0.2	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1151271	Soil		18	21	0.33	66	0.030	<1	1.10	0.004	0.03	0.3	0.04	1.8	<0.1	<0.05	3	0.6	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 04, 2011

CERTIFICATE OF ANALYSIS DAW11000274.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151279	Soil		0.9	12.6	14.0	48	<0.1	12.0	7.4	290	2.23	18.8	0.7	6.9	1.5	6	0.1	0.4	0.2	37	0.06	0.052
1151273	Soil		1.1	13.6	14.2	50	0.2	13.6	8.3	327	2.05	26.9	0.8	3.8	1.3	8	0.2	0.5	0.3	44	0.08	0.048
1151274	Soil		0.7	31.1	12.5	71	0.2	22.6	7.8	329	2.47	29.7	1.2	28.1	6.3	15	0.5	0.8	0.2	43	0.21	0.091
1151350	Soil		0.7	16.0	11.1	53	<0.1	14.6	8.4	323	2.13	14.9	0.7	3.0	2.2	9	0.2	0.6	0.1	35	0.12	0.064
1151275	Soil		0.8	31.6	12.9	70	0.2	22.7	7.4	309	2.38	28.8	1.2	9.4	5.9	14	0.5	0.8	0.2	41	0.18	0.087
1151278	Soil		0.8	11.0	13.2	37	<0.1	10.9	4.2	109	2.05	17.7	0.6	2.2	0.7	6	<0.1	0.4	0.2	33	0.06	0.037
1151276	Soil		0.7	29.5	11.5	66	0.2	22.1	7.6	330	2.45	28.2	1.2	17.6	6.7	16	0.5	0.8	0.2	43	0.22	0.097
1151277	Soil		0.7	26.3	11.4	65	0.2	20.2	7.5	312	2.22	28.7	1.0	5.9	5.0	12	0.4	0.7	0.2	36	0.16	0.074
1151281	Soil		1.0	14.6	13.6	42	<0.1	13.3	6.5	226	2.32	17.4	0.8	4.8	1.3	6	0.1	0.5	0.4	40	0.06	0.042
1151280	Soil		0.8	15.9	18.2	56	<0.1	16.6	8.8	307	2.16	30.8	0.8	41.6	2.8	8	0.2	0.5	0.3	33	0.09	0.049
1151346	Soil		0.8	15.4	14.0	56	0.1	16.1	8.1	374	2.29	21.5	0.9	4.8	1.9	8	0.2	0.5	0.5	38	0.09	0.048
1151339	Soil		0.9	19.8	14.4	69	<0.1	20.0	8.3	358	2.53	29.8	1.1	9.8	2.0	8	0.2	0.6	0.3	41	0.07	0.039
1151348	Soil		0.8	14.2	12.7	48	<0.1	14.8	6.5	262	2.20	14.1	0.9	4.7	1.8	8	0.1	0.5	0.3	39	0.08	0.046
1151347	Soil		0.7	15.6	12.6	56	<0.1	16.5	9.5	375	2.32	19.5	0.9	4.1	2.5	7	0.2	0.5	0.2	37	0.08	0.041
1151345	Soil		0.8	20.0	16.1	61	<0.1	19.9	10.3	496	2.49	22.1	0.9	6.4	3.3	7	0.2	0.5	0.3	37	0.07	0.043
1151344	Soil		0.8	14.9	16.8	59	0.1	14.9	8.3	377	2.32	19.6	0.9	4.5	1.5	7	0.3	0.5	0.3	37	0.06	0.049
1151343	Soil		0.9	10.2	22.8	40	0.2	10.0	3.7	138	1.98	19.1	0.7	2.7	0.4	6	0.2	0.4	0.2	37	0.05	0.036
1151342	Soil		0.8	15.1	17.5	53	0.1	15.3	5.2	195	2.30	22.3	0.9	10.3	2.0	6	0.2	0.5	0.2	36	0.06	0.034
1151340	Soil		0.8	18.9	12.0	76	<0.1	17.8	7.5	308	2.39	28.4	1.1	8.6	2.6	7	0.3	0.6	0.3	36	0.05	0.034
1151341	Soil		0.8	17.3	13.8	63	0.1	15.7	7.3	342	2.18	30.1	1.0	4.7	1.3	7	0.3	0.5	0.2	34	0.05	0.043
1079165	Soil		0.8	18.3	37.7	74	0.2	16.5	6.6	276	2.17	25.8	0.8	5.5	1.9	7	0.3	0.6	0.2	31	0.07	0.039
1079163	Soil		0.7	15.2	14.9	72	0.1	13.5	5.6	207	1.83	10.5	0.8	3.5	0.9	8	0.3	0.4	0.2	29	0.08	0.045
1079166	Soil		0.8	17.0	18.3	73	0.1	17.7	6.7	290	2.13	41.7	0.9	9.2	0.8	13	0.3	0.8	0.2	31	0.15	0.047
1079168	Soil		0.8	22.7	17.1	71	0.1	19.6	6.2	205	2.06	30.8	0.9	4.1	1.4	10	0.4	1.5	0.2	33	0.11	0.056
1079174	Soil		0.7	19.7	13.1	78	<0.1	14.9	5.3	161	1.97	16.9	0.9	3.5	1.7	8	0.3	0.6	0.2	34	0.10	0.054
1079169	Soil		0.9	20.4	26.4	84	<0.1	18.4	6.6	278	2.26	49.8	1.0	5.0	1.9	7	0.4	2.2	0.2	30	0.07	0.043
1079172	Soil		0.7	15.6	16.9	85	0.1	15.6	6.2	356	2.06	20.4	0.8	2.7	0.7	16	0.3	0.7	0.2	34	0.24	0.052
1079170	Soil		0.7	25.3	12.8	71	0.1	21.3	7.2	229	2.05	36.8	1.1	10.0	3.4	10	0.3	1.2	0.2	32	0.12	0.053
1079167	Soil		0.8	19.6	51.1	96	0.2	18.6	7.6	330	2.56	63.0	0.9	11.8	2.3	9	0.3	2.7	0.3	33	0.08	0.045
1076384	Soil		0.7	24.1	20.2	67	<0.1	21.3	9.5	300	2.50	34.9	0.7	4.8	2.7	8	0.2	0.5	0.2	32	0.08	0.050

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151279	Soil	14	22	0.31	71	0.022	<1	1.36	0.004	0.05	0.2	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
1151273	Soil	16	24	0.32	58	0.027	2	1.21	0.005	0.04	0.3	0.04	1.1	<0.1	<0.05	4	<0.5	<0.2
1151274	Soil	20	23	0.34	150	0.038	<1	0.91	0.007	0.04	0.6	0.05	2.8	<0.1	<0.05	3	<0.5	<0.2
1151350	Soil	16	21	0.34	65	0.027	<1	1.21	0.004	0.04	0.3	0.03	1.6	<0.1	<0.05	4	0.7	<0.2
1151275	Soil	20	23	0.35	134	0.037	<1	0.94	0.005	0.04	0.6	0.05	2.7	<0.1	<0.05	3	<0.5	<0.2
1151278	Soil	12	20	0.27	59	0.015	<1	1.11	0.005	0.05	0.2	0.05	0.8	0.1	<0.05	4	0.6	<0.2
1151276	Soil	22	24	0.34	128	0.040	<1	0.91	0.005	0.04	0.7	0.06	3.0	<0.1	<0.05	3	<0.5	<0.2
1151277	Soil	21	20	0.33	117	0.033	<1	0.87	0.004	0.04	0.5	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1151281	Soil	14	24	0.31	64	0.023	1	1.27	0.003	0.04	0.2	0.05	1.2	0.1	<0.05	4	<0.5	<0.2
1151280	Soil	17	22	0.33	65	0.031	2	1.25	0.004	0.07	0.3	0.03	1.5	0.1	0.05	4	<0.5	<0.2
1151346	Soil	19	21	0.36	77	0.025	1	1.28	0.003	0.04	0.3	0.02	1.3	0.1	<0.05	4	<0.5	<0.2
1151339	Soil	20	26	0.41	82	0.027	1	1.39	0.004	0.05	0.2	0.03	1.4	0.2	<0.05	5	<0.5	<0.2
1151348	Soil	18	24	0.32	60	0.030	1	1.15	0.004	0.05	0.3	0.04	1.3	0.1	0.06	4	<0.5	<0.2
1151347	Soil	19	23	0.36	92	0.029	1	1.18	0.004	0.04	0.3	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1151345	Soil	20	24	0.37	79	0.033	1	1.33	0.004	0.05	0.6	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1151344	Soil	21	23	0.34	78	0.021	1	1.35	0.003	0.04	0.2	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
1151343	Soil	15	20	0.25	59	0.017	1	1.08	0.003	0.03	0.2	0.05	0.7	0.1	<0.05	4	<0.5	<0.2
1151342	Soil	18	22	0.31	72	0.023	<1	1.17	0.003	0.04	0.3	0.04	1.2	0.1	<0.05	4	<0.5	<0.2
1151340	Soil	18	23	0.34	74	0.027	<1	1.24	0.003	0.05	0.3	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1151341	Soil	16	22	0.29	69	0.021	1	1.13	0.004	0.04	0.2	0.04	1.2	0.1	0.06	4	<0.5	<0.2
1079165	Soil	20	23	0.34	68	0.016	<1	1.11	0.003	0.03	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1079163	Soil	20	18	0.31	65	0.014	<1	1.10	0.004	0.03	0.2	0.02	0.8	0.1	<0.05	4	<0.5	<0.2
1079166	Soil	18	21	0.36	86	0.021	1	1.14	0.006	0.04	0.2	0.03	1.0	0.1	0.06	4	<0.5	<0.2
1079168	Soil	19	20	0.34	60	0.021	<1	1.06	0.004	0.03	0.2	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1079174	Soil	17	20	0.32	64	0.022	<1	1.11	0.003	0.03	0.2	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1079169	Soil	21	19	0.31	58	0.015	<1	1.07	0.004	0.03	0.1	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
1079172	Soil	17	21	0.33	103	0.019	1	1.19	0.005	0.04	0.1	0.02	1.0	0.1	<0.05	4	<0.5	<0.2
1079170	Soil	20	19	0.35	88	0.027	1	1.04	0.004	0.04	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1079167	Soil	22	24	0.41	67	0.018	<1	1.32	0.003	0.03	0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1076384	Soil	23	23	0.43	60	0.015	<1	1.42	0.003	0.04	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2

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Project: ALP
Report Date: October 04, 2011

CERTIFICATE OF ANALYSIS DAW11000274.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1079177	Soil		0.6	14.3	16.1	55	<0.1	12.5	4.5	143	1.73	39.8	0.7	7.9	1.6	7	0.2	0.8	0.2	27	0.08	0.043
1079164	Soil		0.7	23.1	24.0	71	0.1	18.9	8.1	327	2.34	31.8	0.8	4.4	3.3	7	0.5	1.5	0.2	25	0.08	0.046
1079176	Soil		0.7	18.2	13.4	52	<0.1	16.6	5.9	192	2.06	21.0	0.8	5.9	1.4	9	0.1	1.0	0.2	33	0.10	0.047
1079157	Soil		0.5	22.5	27.0	92	0.2	15.8	5.4	209	1.97	22.1	0.9	4.3	4.1	11	0.6	0.6	0.2	27	0.16	0.058
1079155	Soil		0.5	20.9	115.1	703	0.7	22.3	9.6	566	2.38	37.2	0.8	3.3	4.7	11	9.5	1.3	0.3	22	0.19	0.051
1079153	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1079160	Soil		0.6	19.7	24.8	80	<0.1	18.0	8.3	354	2.37	13.6	0.9	8.0	2.6	10	0.4	0.5	0.3	26	0.12	0.049
1079179	Soil		0.8	28.2	29.2	215	0.3	26.8	11.1	392	2.63	36.0	1.1	2.7	3.5	9	1.0	0.6	0.7	30	0.08	0.046
1079173	Soil		0.7	16.8	11.7	72	<0.1	13.7	4.8	134	1.87	16.2	0.8	2.0	1.4	8	0.3	0.6	0.2	32	0.09	0.054
1079159	Soil		0.7	29.4	35.0	123	0.2	24.4	10.4	536	2.43	43.6	1.1	1.6	4.0	17	0.8	0.7	0.3	27	0.26	0.060
1079171	Soil		0.7	21.7	14.5	66	<0.1	18.2	6.3	229	2.20	35.9	0.9	13.8	2.9	9	0.2	1.5	0.2	30	0.10	0.047
1079180	Soil		0.9	28.3	30.0	234	0.4	27.0	11.0	418	2.70	37.2	1.2	6.5	4.7	9	1.2	0.6	0.7	30	0.07	0.046
1079151	Soil		1.0	24.2	63.0	220	0.3	26.1	10.1	507	3.05	112.3	1.1	4.0	6.1	35	1.7	0.9	0.4	16	0.55	0.063
1079175	Soil		0.6	20.4	13.1	55	<0.1	17.6	6.5	193	1.97	14.9	0.7	3.3	2.1	9	0.2	1.1	0.2	29	0.12	0.052
1079161	Soil		0.8	16.5	40.5	51	0.1	10.9	3.5	119	2.10	22.4	0.9	2.0	0.6	6	0.3	0.5	0.3	32	0.05	0.065
1079158	Soil		0.5	18.7	53.0	94	0.2	15.3	5.7	260	2.06	17.4	0.7	2.1	3.2	11	0.5	0.6	0.2	27	0.18	0.061
1079156	Soil		0.7	17.0	45.3	134	0.3	15.0	5.6	205	2.22	25.9	0.7	0.7	2.0	10	1.3	0.7	0.2	30	0.16	0.053
1079154	Soil		0.4	26.7	339.3	1871	2.3	24.9	9.8	1145	2.62	86.5	0.9	6.7	8.1	12	35.8	2.7	0.4	17	0.20	0.058
1079152	Soil		0.5	13.9	69.3	207	0.6	16.0	5.8	338	2.05	37.7	0.6	1.9	3.5	19	2.8	0.7	0.3	16	0.30	0.065
1079162	Soil		0.8	15.8	17.4	64	0.1	13.8	5.9	276	2.23	25.7	0.7	0.8	1.2	6	0.4	0.6	0.2	30	0.06	0.051
1076383	Soil		0.8	22.0	12.9	67	<0.1	20.6	8.8	288	2.36	32.2	0.7	6.1	2.0	9	0.2	0.5	0.2	31	0.10	0.056
1079178	Soil		0.7	17.3	14.4	51	0.1	16.1	6.6	221	2.18	14.7	0.7	2.6	1.8	8	0.1	0.4	0.2	30	0.08	0.048
1151235	Soil		0.6	35.8	499.3	1449	2.8	31.3	18.3	1525	3.94	112.1	1.7	5.9	10.3	14	18.1	7.4	0.9	11	0.13	0.054
1151236	Soil		0.7	30.1	38.8	126	0.2	28.1	12.7	834	3.08	32.5	1.1	8.4	6.2	15	0.8	1.5	0.3	24	0.21	0.060
1151241	Soil		1.1	24.9	24.3	88	0.2	17.5	6.3	307	2.02	15.3	1.0	1.9	0.6	9	1.2	0.5	0.2	30	0.09	0.095
1151242	Soil		0.5	25.0	24.3	138	0.2	20.9	8.7	389	2.18	18.7	0.9	6.0	6.6	12	1.6	0.5	0.2	26	0.18	0.069
1151237	Soil		0.7	30.0	41.0	125	0.2	27.9	12.7	850	3.09	32.6	1.1	12.3	6.1	15	1.0	1.7	0.3	23	0.20	0.057
1151239	Soil		0.7	34.4	18.2	100	0.2	26.3	11.8	589	2.86	17.1	1.0	3.0	2.5	10	0.9	0.8	0.3	32	0.07	0.055
1151233	Soil		0.4	18.7	148.8	749	1.1	28.0	11.4	758	2.54	47.8	0.8	3.6	4.7	17	18.8	0.9	1.5	14	0.29	0.042
1151240	Soil		0.8	26.1	16.8	125	0.2	21.6	7.5	294	2.30	16.6	0.8	8.6	2.4	9	1.3	0.6	0.2	30	0.11	0.065

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Project: ALP
Report Date: October 04, 2011

CERTIFICATE OF ANALYSIS DAW11000274.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1079177	Soil		21	16	0.27	59	0.012	<1	1.07	0.003	0.04	0.1	0.03	0.9	<0.1	<0.05	4	<0.5	<0.2
1079164	Soil		26	17	0.35	52	0.013	<1	1.06	0.003	0.03	0.2	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
1079176	Soil		20	21	0.34	75	0.019	<1	1.21	0.004	0.04	0.1	0.04	1.2	0.1	<0.05	4	<0.5	<0.2
1079157	Soil		23	16	0.28	62	0.020	<1	0.94	0.003	0.03	0.3	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1079155	Soil		22	14	0.26	74	0.012	<1	0.86	0.004	0.04	0.3	0.02	2.0	0.1	<0.05	3	<0.5	<0.2
1079153	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1079160	Soil		28	18	0.37	83	0.015	<1	1.07	0.003	0.03	0.2	0.03	1.0	<0.1	<0.05	4	<0.5	<0.2
1079179	Soil		29	28	0.49	67	0.016	<1	1.31	0.003	0.03	0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1079173	Soil		17	19	0.31	65	0.021	<1	1.09	0.004	0.03	0.2	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1079159	Soil		23	18	0.37	123	0.016	<1	1.03	0.005	0.04	0.3	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1079171	Soil		21	20	0.36	66	0.021	<1	1.16	0.004	0.03	0.2	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
1079180	Soil		29	28	0.51	63	0.016	<1	1.30	0.003	0.03	0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1079151	Soil		22	15	0.27	71	0.016	1	0.85	0.013	0.10	0.1	0.04	1.9	<0.1	0.11	2	<0.5	<0.2
1079175	Soil		16	17	0.33	73	0.022	<1	1.03	0.004	0.03	0.2	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1079161	Soil		20	18	0.22	66	0.008	1	1.11	0.003	0.03	0.2	0.06	0.8	0.1	0.07	4	<0.5	<0.2
1079158	Soil		18	16	0.27	84	0.019	2	0.90	0.004	0.03	0.3	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1079156	Soil		18	18	0.28	65	0.019	<1	1.06	0.004	0.04	0.2	0.04	1.2	0.1	<0.05	3	0.5	<0.2
1079154	Soil		26	12	0.20	87	0.009	2	0.72	0.004	0.07	0.2	0.03	2.1	0.1	<0.05	2	0.6	<0.2
1079152	Soil		16	11	0.18	100	0.010	1	0.63	0.005	0.06	0.6	0.04	1.2	<0.1	0.07	2	<0.5	<0.2
1079162	Soil		19	19	0.29	59	0.014	<1	1.06	0.003	0.04	0.2	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
1076383	Soil		21	22	0.41	74	0.017	2	1.37	0.004	0.04	0.1	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2
1079178	Soil		21	20	0.33	74	0.016	<1	1.23	0.006	0.04	0.2	0.03	1.4	0.1	<0.05	4	<0.5	<0.2
1151235	Soil		22	9	0.16	45	0.006	1	0.61	0.003	0.05	<0.1	0.04	1.9	0.1	<0.05	2	0.6	<0.2
1151236	Soil		21	18	0.33	82	0.018	<1	1.05	0.005	0.04	0.4	0.02	2.4	<0.1	<0.05	3	<0.5	<0.2
1151241	Soil		19	22	0.27	107	0.009	<1	1.05	0.006	0.04	0.1	0.04	0.6	0.1	0.09	4	0.6	<0.2
1151242	Soil		24	18	0.31	76	0.027	1	0.94	0.004	0.07	0.3	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1151237	Soil		23	17	0.32	87	0.015	2	1.02	0.005	0.05	0.6	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1151239	Soil		24	20	0.42	87	0.017	1	1.23	0.004	0.04	0.2	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1151233	Soil		16	9	0.13	65	0.007	2	0.80	0.004	0.04	<0.1	0.03	1.8	<0.1	<0.05	2	<0.5	<0.2
1151240	Soil		19	21	0.37	61	0.017	1	1.11	0.004	0.04	0.4	0.02	1.3	<0.1	<0.05	3	0.7	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151232	Soil	0.8	16.4	42.5	135	0.2	20.5	8.0	360	2.33	28.3	0.6	3.2	2.5	7	1.2	0.8	0.2	28	0.06	0.028
1151238	Soil	1.0	35.1	29.1	125	0.3	30.2	13.6	624	3.04	33.1	1.2	5.3	4.2	12	0.6	1.1	0.3	27	0.11	0.062
1151231	Soil	0.3	31.3	30.7	3350	0.9	29.2	10.6	474	3.06	25.8	1.2	3.4	8.8	14	39.2	2.0	0.5	9	0.36	0.063
1151234	Soil	0.6	28.1	47.4	218	0.5	27.9	18.1	510	3.10	57.5	1.3	2.3	7.5	8	2.9	1.6	0.3	15	0.08	0.035
1151256	Soil	0.8	23.2	21.1	72	0.1	25.5	12.7	453	2.54	21.5	0.7	2.4	2.4	10	0.3	1.1	0.3	30	0.09	0.054
1151262	Soil	0.6	14.4	14.4	37	<0.1	17.8	5.7	284	1.95	16.7	0.6	2.7	2.7	9	<0.1	0.4	0.2	26	0.09	0.030
1151260	Soil	0.5	24.7	17.7	63	0.2	26.5	10.2	492	2.48	51.5	1.2	2.0	3.2	14	0.1	0.6	0.2	24	0.16	0.047
1151250	Soil	0.6	20.0	19.7	80	0.1	17.5	7.0	268	2.37	18.4	0.8	1.3	2.2	8	0.3	0.6	0.2	31	0.09	0.054
1151261	Soil	0.8	20.3	19.9	51	0.1	19.2	7.8	429	2.37	23.4	0.8	1.5	4.6	8	<0.1	0.7	0.2	31	0.07	0.037
1151258	Soil	0.8	27.0	17.3	64	<0.1	23.6	11.0	427	2.53	56.7	0.9	2.3	3.5	8	0.2	0.8	0.2	30	0.09	0.048
1151257	Soil	0.6	24.5	16.2	59	<0.1	23.1	7.9	262	2.61	37.6	0.8	2.4	3.9	9	0.2	0.8	0.2	29	0.11	0.054
1151259	Soil	0.8	26.0	13.3	61	<0.1	21.0	7.7	344	2.55	41.2	0.8	3.6	3.0	9	0.1	0.7	0.2	35	0.10	0.046
1151254	Soil	0.7	22.1	27.3	99	<0.1	22.2	8.5	308	2.37	27.7	0.7	2.7	3.9	9	0.6	1.3	0.2	30	0.10	0.049
1151251	Soil	0.8	19.7	14.4	59	<0.1	17.5	7.3	293	2.23	14.6	0.7	0.9	2.7	8	0.2	0.6	0.2	31	0.08	0.046
1151253	Soil	0.7	28.6	55.4	150	0.2	28.6	9.4	457	2.54	83.9	0.9	15.9	5.5	10	1.1	1.9	0.3	28	0.10	0.050
1151252	Soil	0.8	39.3	26.4	85	0.2	28.5	16.8	647	3.05	53.3	1.6	9.3	5.2	10	0.4	1.5	0.3	31	0.09	0.058
1151255	Soil	0.7	24.5	24.9	80	0.1	26.4	10.4	429	2.61	30.0	0.8	5.0	4.8	8	0.4	1.7	0.3	27	0.09	0.044
1151249	Soil	0.9	24.7	18.2	84	0.1	23.7	10.6	407	2.54	11.1	1.1	<0.5	2.4	10	0.4	0.6	0.2	36	0.11	0.063
1151248	Soil	0.7	24.0	18.6	93	0.1	23.8	9.5	392	2.50	13.1	1.1	1.5	4.2	11	0.5	0.6	0.2	33	0.12	0.058
1151245	Soil	0.8	36.0	16.6	83	0.1	53.5	14.8	563	2.97	8.4	1.0	0.8	5.3	18	0.4	0.5	0.2	44	0.19	0.078
1151246	Soil	0.8	22.8	18.9	84	0.1	21.1	9.4	397	2.33	12.2	1.0	2.0	3.7	11	0.4	0.5	0.2	33	0.14	0.063
1151247	Soil	0.8	22.9	17.9	96	0.2	22.1	8.6	366	2.34	12.4	1.0	<0.5	4.5	10	0.6	0.6	0.3	32	0.12	0.055
1151243	Soil	0.6	27.3	26.5	98	0.3	21.2	8.5	358	2.26	10.8	1.2	2.9	7.3	10	0.6	0.5	0.2	29	0.13	0.059
1151244	Soil	0.8	30.7	28.5	97	0.3	22.8	9.2	347	2.31	12.4	1.3	5.0	3.9	10	0.8	0.6	0.2	31	0.13	0.067
1154716	Soil	0.7	7.9	7.4	16	0.6	3.6	1.0	32	0.67	16.7	0.8	1.2	0.4	5	0.2	0.3	0.2	14	0.03	0.066
1154719	Soil	1.2	17.0	17.8	66	0.2	16.0	8.9	459	2.58	90.8	0.8	4.1	1.5	9	0.3	0.7	0.3	46	0.09	0.055
1154718	Soil	0.8	23.0	21.6	93	0.3	15.0	5.9	352	2.48	405.2	1.5	13.2	3.3	9	0.6	0.5	0.4	21	0.04	0.042
1154721	Soil	1.2	34.8	44.7	142	0.4	29.9	13.9	639	2.83	244.6	2.2	14.3	5.8	12	1.0	0.8	0.5	28	0.13	0.064
1154720	Soil	0.9	39.7	30.1	187	0.3	45.0	17.6	1016	3.04	366.0	2.4	12.1	12.8	13	1.6	0.7	0.5	34	0.18	0.067
1154722	Soil	1.0	27.8	26.4	155	0.3	33.4	13.5	784	2.71	152.6	1.6	33.9	5.1	12	1.2	0.6	0.4	31	0.12	0.058

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 04, 2011

CERTIFICATE OF ANALYSIS DAW11000274.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151232	Soil	13	15	0.23	71	0.017	1	1.03	0.004	0.04	0.1	0.04	1.6	0.1	<0.05	3	<0.5	<0.2
1151238	Soil	24	20	0.41	81	0.018	<1	1.16	0.004	0.04	0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1151231	Soil	32	8	0.08	50	0.003	<1	0.52	0.003	0.07	<0.1	0.03	1.8	0.1	<0.05	1	<0.5	<0.2
1151234	Soil	26	13	0.32	67	0.006	2	1.07	0.003	0.05	<0.1	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1151256	Soil	20	20	0.33	105	0.019	1	1.23	0.004	0.04	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1151262	Soil	19	17	0.28	132	0.015	<1	1.17	0.004	0.06	0.1	0.03	1.4	0.1	<0.05	3	0.7	<0.2
1151260	Soil	24	19	0.35	130	0.012	<1	1.26	0.004	0.04	0.1	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1151250	Soil	19	21	0.34	49	0.019	<1	1.12	0.003	0.03	0.2	0.03	1.3	0.1	<0.05	3	<0.5	<0.2
1151261	Soil	25	19	0.30	135	0.017	1	1.27	0.006	0.05	0.1	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1151258	Soil	18	20	0.36	74	0.018	1	1.21	0.004	0.04	0.2	0.04	1.5	<0.1	<0.05	3	<0.5	<0.2
1151257	Soil	26	21	0.42	78	0.017	2	1.31	0.004	0.04	0.2	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1151259	Soil	22	23	0.45	85	0.020	1	1.38	0.004	0.04	0.2	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
1151254	Soil	21	19	0.35	86	0.020	<1	1.24	0.004	0.04	0.1	0.04	2.1	<0.1	<0.05	3	0.8	<0.2
1151251	Soil	18	20	0.36	55	0.022	<1	1.15	0.003	0.04	0.2	0.02	1.4	<0.1	<0.05	3	0.6	<0.2
1151253	Soil	28	19	0.34	86	0.020	<1	1.17	0.004	0.05	0.1	0.03	2.3	0.1	<0.05	3	<0.5	<0.2
1151252	Soil	36	25	0.48	90	0.018	<1	1.57	0.004	0.05	0.2	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1151255	Soil	25	18	0.33	86	0.017	<1	1.17	0.004	0.04	0.2	0.03	1.6	<0.1	<0.05	3	0.6	<0.2
1151249	Soil	23	27	0.48	90	0.026	1	1.32	0.004	0.04	0.2	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
1151248	Soil	24	24	0.46	94	0.030	<1	1.25	0.005	0.05	0.3	0.02	2.1	<0.1	<0.05	4	0.7	<0.2
1151245	Soil	24	65	0.99	125	0.050	1	1.65	0.007	0.05	0.2	0.02	3.3	0.1	<0.05	5	<0.5	<0.2
1151246	Soil	21	22	0.44	94	0.026	<1	1.27	0.005	0.04	0.2	0.05	2.0	<0.1	<0.05	4	<0.5	<0.2
1151247	Soil	23	22	0.44	91	0.026	1	1.28	0.005	0.05	0.2	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
1151243	Soil	25	20	0.42	85	0.030	1	1.19	0.005	0.05	0.2	0.03	2.7	<0.1	<0.05	3	0.7	<0.2
1151244	Soil	24	20	0.42	74	0.026	<1	1.28	0.005	0.04	0.3	0.03	2.2	<0.1	<0.05	4	0.7	<0.2
1154716	Soil	13	9	0.03	36	0.011	<1	0.45	0.005	0.03	0.1	0.10	0.5	0.1	0.09	3	0.9	<0.2
1154719	Soil	14	24	0.31	80	0.025	<1	1.46	0.008	0.05	0.2	0.04	1.5	0.1	<0.05	5	0.8	<0.2
1154718	Soil	23	14	0.22	57	0.009	<1	0.87	0.003	0.06	0.2	0.04	0.8	<0.1	<0.05	3	<0.5	<0.2
1154721	Soil	28	20	0.50	93	0.015	1	1.29	0.005	0.06	0.3	0.03	1.6	0.1	<0.05	4	0.7	<0.2
1154720	Soil	31	23	1.22	105	0.038	<1	1.69	0.004	0.15	0.2	0.01	2.3	0.1	<0.05	5	<0.5	<0.2
1154722	Soil	30	20	0.48	96	0.024	<1	1.29	0.005	0.06	0.2	0.02	2.1	0.1	<0.05	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Project: ALP
Report Date: October 04, 2011

CERTIFICATE OF ANALYSIS DAW11000274.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1154714	Soil	1.3	14.3	12.7	42	<0.1	12.0	4.5	149	1.93	47.7	0.7	2.6	0.4	7	0.2	0.6	0.3	41	0.05	0.061
1154715	Soil	0.9	30.3	18.4	73	0.5	25.6	8.5	309	2.62	125.4	1.5	8.0	1.8	15	0.3	1.3	0.4	28	0.12	0.056
1154725	Soil	1.3	26.7	23.8	113	0.5	22.4	12.1	748	2.95	155.7	1.8	3.3	1.3	12	0.7	0.7	0.4	42	0.09	0.069
1154726	Soil	1.2	28.1	21.1	103	0.5	22.2	10.5	540	2.71	128.4	1.8	5.8	1.7	11	0.5	0.6	0.3	40	0.11	0.067
1154724	Soil	0.9	28.1	28.3	170	0.4	27.0	12.2	813	3.21	166.7	1.5	4.4	2.5	12	0.9	0.6	0.5	35	0.11	0.058
1154717	Soil	0.7	27.5	36.6	95	0.2	21.9	6.9	321	2.63	243.4	1.6	4.8	6.2	11	0.4	0.7	0.4	27	0.09	0.043
1154731	Soil	0.9	23.0	14.1	75	0.2	21.7	8.9	332	2.29	44.1	1.2	5.5	5.7	11	0.4	0.6	0.2	33	0.13	0.053
1154732	Soil	0.9	17.3	24.5	66	0.2	15.9	5.6	192	2.25	41.3	1.0	4.4	0.6	9	0.2	0.5	0.3	34	0.08	0.060
1154730	Soil	1.2	19.9	14.3	75	<0.1	20.5	7.7	292	2.35	47.2	1.0	6.5	3.1	11	0.3	0.7	0.3	36	0.10	0.043
1154728	Soil	0.9	16.0	11.7	66	<0.1	16.2	6.5	341	2.35	51.6	0.8	5.9	3.5	10	0.3	0.5	0.3	34	0.12	0.048
1154734	Soil	0.8	19.8	19.2	63	0.3	16.6	7.6	362	2.16	34.0	1.2	8.1	1.6	10	0.3	0.6	0.3	36	0.11	0.058
1154736	Soil	0.9	26.7	14.3	65	0.2	19.8	9.0	285	2.21	31.2	1.2	2.0	5.5	10	0.2	0.6	0.2	34	0.12	0.059
1154735	Soil	1.0	11.7	12.5	39	0.2	10.6	4.2	151	1.61	20.7	0.7	6.4	0.7	8	0.2	0.5	0.2	32	0.08	0.042
1154737	Soil	0.8	28.7	14.3	66	0.2	20.8	9.5	304	2.27	32.0	1.3	1.1	5.7	10	0.2	0.7	0.3	35	0.13	0.055
1154733	Soil	1.2	15.8	21.6	51	0.6	14.7	5.1	187	1.96	35.7	1.0	4.7	0.4	9	0.2	0.6	0.3	32	0.08	0.077
1154729	Soil	1.5	14.7	10.9	33	0.5	9.9	3.1	88	1.43	13.6	1.3	<0.5	0.2	11	0.3	0.5	0.2	29	0.09	0.146
1154723	Soil	0.8	22.3	15.8	84	0.4	19.7	7.4	396	2.37	88.6	1.5	14.1	2.2	11	0.5	0.6	0.3	37	0.12	0.060
1154727	Soil	0.9	18.8	11.9	74	0.1	18.2	7.4	445	2.43	50.4	1.0	2.7	2.8	11	0.3	0.5	0.2	37	0.12	0.053
1154742	Soil	0.7	13.3	10.0	43	0.1	11.6	3.8	119	1.71	14.6	0.7	4.9	0.5	9	<0.1	0.5	0.2	35	0.09	0.043
1154738	Soil	0.9	19.9	14.9	58	0.2	16.3	5.8	230	2.05	33.2	1.0	27.0	4.3	11	0.3	0.6	0.3	34	0.13	0.061
1154740	Soil	0.8	21.9	10.6	52	0.2	15.3	5.9	225	1.99	21.6	1.2	8.1	3.0	11	0.2	0.6	0.2	36	0.13	0.056
1154739	Soil	0.7	14.3	11.7	45	0.2	11.9	4.3	119	1.89	17.8	0.8	3.4	1.0	10	<0.1	0.5	0.2	39	0.12	0.054
1154741	Soil	0.8	18.6	12.3	56	0.1	17.0	5.1	159	2.13	24.7	0.9	8.8	2.5	10	0.1	0.5	0.2	38	0.12	0.052
1154743	Soil	0.7	12.9	13.4	44	<0.1	13.1	5.0	142	2.20	21.0	0.8	<0.5	1.7	8	0.1	0.4	0.2	36	0.08	0.040

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1154714	Soil	15	18	0.15	45	0.013	<1	0.84	0.005	0.04	0.1	0.06	0.6	0.1	0.07	5	<0.5	<0.2
1154715	Soil	23	19	0.29	134	0.011	<1	1.17	0.006	0.06	0.2	0.04	1.4	0.2	0.06	4	<0.5	<0.2
1154725	Soil	18	27	0.52	108	0.019	1	1.74	0.006	0.06	0.2	0.03	1.6	0.2	0.07	5	0.7	<0.2
1154726	Soil	19	26	0.47	96	0.025	2	1.60	0.006	0.05	0.2	0.04	1.9	0.1	0.06	5	0.8	<0.2
1154724	Soil	27	24	0.66	136	0.015	1	1.82	0.005	0.08	0.2	0.05	1.8	0.2	<0.05	5	<0.5	<0.2
1154717	Soil	23	18	0.55	67	0.027	2	1.27	0.004	0.09	0.2	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1154731	Soil	21	22	0.38	75	0.037	1	1.21	0.005	0.05	0.2	0.03	1.9	<0.1	<0.05	3	0.5	<0.2
1154732	Soil	15	21	0.32	65	0.018	<1	1.20	0.006	0.05	0.2	0.03	1.0	0.1	<0.05	4	0.6	<0.2
1154730	Soil	19	21	0.38	68	0.034	<1	1.15	0.005	0.05	0.3	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1154728	Soil	19	22	0.38	70	0.031	1	1.23	0.004	0.05	0.2	0.03	1.5	<0.1	<0.05	4	0.6	<0.2
1154734	Soil	16	23	0.36	76	0.027	1	1.30	0.005	0.05	0.3	0.04	1.7	0.1	<0.05	4	0.5	<0.2
1154736	Soil	24	19	0.38	106	0.038	<1	1.23	0.008	0.05	0.3	0.04	3.0	<0.1	<0.05	3	<0.5	<0.2
1154735	Soil	17	18	0.24	54	0.021	1	0.87	0.005	0.05	0.2	0.04	0.9	0.1	<0.05	4	<0.5	<0.2
1154737	Soil	24	20	0.39	116	0.040	1	1.27	0.005	0.05	0.2	0.04	3.6	0.1	<0.05	4	<0.5	<0.2
1154733	Soil	13	20	0.28	60	0.014	2	1.09	0.006	0.05	0.2	0.04	0.7	0.1	<0.05	4	0.6	<0.2
1154729	Soil	8	17	0.16	63	0.007	2	1.02	0.010	0.05	0.1	0.07	0.4	<0.1	0.12	3	1.1	<0.2
1154723	Soil	19	24	0.42	87	0.027	2	1.42	0.005	0.05	0.2	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1154727	Soil	20	25	0.45	76	0.032	1	1.42	0.005	0.04	0.3	0.02	1.8	0.1	<0.05	4	0.5	<0.2
1154742	Soil	14	20	0.28	67	0.020	1	0.97	0.005	0.04	0.2	0.04	1.0	<0.1	<0.05	4	<0.5	<0.2
1154738	Soil	21	22	0.33	68	0.034	2	1.16	0.005	0.05	0.3	0.04	1.9	0.1	<0.05	3	0.5	<0.2
1154740	Soil	22	23	0.34	89	0.035	1	1.27	0.005	0.05	0.3	0.06	2.4	<0.1	<0.05	4	<0.5	<0.2
1154739	Soil	16	23	0.31	82	0.027	<1	1.25	0.005	0.04	0.2	0.04	1.4	0.1	<0.05	4	0.8	<0.2
1154741	Soil	19	23	0.36	79	0.033	<1	1.22	0.005	0.04	0.3	0.05	1.7	0.1	<0.05	4	<0.5	<0.2
1154743	Soil	15	23	0.33	74	0.025	2	1.38	0.004	0.06	0.1	0.05	1.6	0.1	<0.05	4	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 04, 2011

QUALITY CONTROL REPORT DAW11000274.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1078282	Soil	0.7	31.7	32.2	137	0.5	27.6	10.5	566	2.52	21.9	1.0	2.3	4.9	15	0.6	0.6	0.2	35	0.24	0.075
REP 1078282	QC	0.6	32.2	32.7	138	0.5	27.4	10.6	555	2.48	22.0	1.0	3.9	5.0	15	0.7	0.6	0.2	35	0.24	0.075
1078289	Soil	1.1	20.6	25.0	97	0.2	16.7	8.7	402	2.42	37.5	0.8	7.4	1.7	10	0.8	0.6	0.3	39	0.10	0.050
REP 1078289	QC	0.8	20.6	24.8	98	0.2	17.0	8.6	411	2.46	36.8	0.8	13.6	1.8	10	0.6	0.6	0.3	39	0.10	0.053
1078485	Soil	0.5	13.8	15.9	55	0.4	16.8	6.1	267	2.45	19.5	0.8	3.6	0.5	8	0.2	0.5	0.2	38	0.07	0.076
REP 1078485	QC	0.9	14.6	16.3	55	0.4	15.8	6.7	281	2.54	19.3	0.8	3.6	0.7	8	0.2	0.4	0.2	39	0.06	0.080
1078346	Soil	0.7	20.0	26.7	94	0.2	18.5	6.6	285	2.59	10.1	1.0	1.7	2.1	8	0.6	0.5	0.2	31	0.09	0.054
REP 1078346	QC	0.6	20.5	26.8	92	0.2	20.0	6.7	295	2.69	10.6	1.0	1.6	2.2	8	0.4	0.4	0.3	31	0.08	0.056
1078458	Soil	0.8	31.4	15.9	67	0.1	24.1	9.9	385	2.33	17.1	1.0	7.5	4.8	8	0.5	0.9	0.2	34	0.11	0.058
REP 1078458	QC	0.5	30.7	15.1	67	0.1	25.7	9.7	396	2.33	17.2	0.9	5.3	4.4	9	0.3	1.0	0.2	34	0.11	0.057
1079189	Soil	0.6	17.6	22.5	81	0.1	25.0	10.1	554	2.37	40.4	0.8	8.8	5.9	12	0.5	1.0	0.2	30	0.17	0.073
REP 1079189	QC	0.7	18.5	23.4	81	0.1	24.8	9.7	550	2.36	40.0	0.8	16.7	6.0	13	0.4	1.0	0.2	30	0.18	0.074
1079188	Soil	0.6	45.2	42.8	136	0.4	32.1	13.2	1114	3.29	81.9	1.1	7.9	13.9	15	1.5	0.8	0.3	18	0.24	0.065
REP 1079188	QC	0.6	47.5	44.8	149	0.4	34.7	13.7	1148	3.45	82.4	1.1	6.3	14.4	15	1.5	0.8	0.4	20	0.25	0.063
1154793	Soil	1.3	20.6	29.6	77	0.2	23.4	9.0	317	2.75	199.3	1.0	7.2	3.3	11	0.5	1.4	0.3	32	0.08	0.046
REP 1154793	QC	1.2	18.8	26.4	73	0.2	21.7	8.4	295	2.57	180.8	0.9	6.2	3.0	11	0.5	1.3	0.3	29	0.08	0.046
1151197	Soil	1.0	27.6	39.8	120	0.5	25.5	10.8	498	2.84	253.0	1.3	10.0	2.9	14	0.9	0.8	0.5	24	0.07	0.063
REP 1151197	QC	1.0	29.1	41.7	125	0.6	26.0	11.1	533	3.00	271.1	1.4	8.0	3.7	14	1.0	1.0	0.5	27	0.07	0.065
1151304	Soil	1.1	31.8	24.1	96	0.6	23.8	10.7	494	3.01	111.0	1.5	6.3	3.1	9	0.6	1.1	0.3	35	0.08	0.064
REP 1151304	QC	1.0	31.6	25.8	99	0.6	24.2	11.3	507	3.02	113.0	1.5	10.0	3.1	10	0.6	1.0	0.4	37	0.08	0.069
1151455	Soil	0.6	18.5	15.2	59	<0.1	18.1	8.8	436	2.16	34.2	0.7	3.0	2.5	8	0.2	0.6	0.2	34	0.08	0.053
REP 1151455	QC	0.7	18.3	14.8	57	<0.1	16.8	8.6	440	2.14	33.4	0.7	4.2	2.4	7	0.1	0.6	0.2	33	0.08	0.052
1079165	Soil	0.8	18.3	37.7	74	0.2	16.5	6.6	276	2.17	25.8	0.8	5.5	1.9	7	0.3	0.6	0.2	31	0.07	0.039
REP 1079165	QC	0.7	17.3	36.0	72	0.2	15.8	6.3	261	2.11	25.2	0.8	2.6	1.7	7	0.2	0.6	0.2	30	0.07	0.039
1079179	Soil	0.8	28.2	29.2	215	0.3	26.8	11.1	392	2.63	36.0	1.1	2.7	3.5	9	1.0	0.6	0.7	30	0.08	0.046
REP 1079179	QC	0.9	27.5	28.6	215	0.4	26.0	11.2	389	2.67	36.2	1.1	3.4	4.1	8	1.0	0.5	0.6	29	0.07	0.044
1151232	Soil	0.8	16.4	42.5	135	0.2	20.5	8.0	360	2.33	28.3	0.6	3.2	2.5	7	1.2	0.8	0.2	28	0.06	0.028
REP 1151232	QC	0.7	16.0	42.5	134	0.2	19.9	7.8	353	2.33	28.4	0.5	3.4	2.5	7	1.4	0.9	0.2	28	0.07	0.029

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Project: ALP
Report Date: October 04, 2011

QUALITY CONTROL REPORT DAW11000274.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1078282	Soil	22	21	0.44	124	0.029	1	1.39	0.005	0.04	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
REP 1078282	QC	23	22	0.41	129	0.031	1	1.33	0.005	0.05	0.2	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1078289	Soil	18	23	0.36	71	0.029	2	1.30	0.005	0.04	0.2	0.05	1.3	<0.1	<0.05	4	0.6	<0.2
REP 1078289	QC	19	23	0.37	72	0.029	1	1.31	0.005	0.04	0.1	0.06	1.5	<0.1	<0.05	4	<0.5	<0.2
1078485	Soil	17	23	0.39	71	0.015	3	1.33	0.004	0.06	0.1	0.02	0.8	<0.1	0.07	4	0.6	<0.2
REP 1078485	QC	16	23	0.38	69	0.015	3	1.34	0.005	0.06	0.3	0.02	0.9	0.1	0.07	5	<0.5	<0.2
1078346	Soil	30	23	0.49	56	0.018	<1	1.40	0.005	0.04	0.1	0.01	1.3	0.1	<0.05	5	<0.5	<0.2
REP 1078346	QC	30	25	0.48	58	0.017	<1	1.44	0.004	0.04	0.2	<0.01	1.3	<0.1	<0.05	5	0.6	<0.2
1078458	Soil	18	21	0.36	107	0.026	1	1.16	0.004	0.03	0.2	0.05	2.5	<0.1	<0.05	3	0.6	<0.2
REP 1078458	QC	18	21	0.36	105	0.029	2	1.15	0.004	0.04	0.2	0.04	2.4	<0.1	<0.05	3	0.6	<0.2
1079189	Soil	16	19	0.30	82	0.025	<1	0.97	0.004	0.04	0.3	0.05	1.9	<0.1	<0.05	3	<0.5	<0.2
REP 1079189	QC	17	19	0.30	82	0.026	2	0.95	0.005	0.04	0.4	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
1079188	Soil	39	16	0.57	88	0.014	<1	1.06	0.003	0.06	0.2	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
REP 1079188	QC	39	17	0.60	93	0.014	2	1.11	0.003	0.06	0.2	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1154793	Soil	14	22	0.26	87	0.014	1	1.16	0.005	0.05	0.3	0.04	1.2	0.1	<0.05	3	0.7	<0.2
REP 1154793	QC	14	21	0.25	82	0.015	1	1.09	0.005	0.05	0.3	0.03	1.3	0.1	<0.05	3	<0.5	<0.2
1151197	Soil	19	24	0.25	82	0.010	<1	1.00	0.005	0.06	0.3	0.03	1.1	0.1	0.06	3	0.7	<0.2
REP 1151197	QC	17	26	0.26	85	0.008	<1	1.00	0.004	0.06	0.3	0.04	1.1	0.1	0.07	3	<0.5	<0.2
1151304	Soil	18	23	0.41	100	0.019	1	1.34	0.004	0.04	0.3	0.04	1.8	0.1	<0.05	4	0.6	<0.2
REP 1151304	QC	19	25	0.43	102	0.020	1	1.45	0.004	0.04	0.3	0.05	1.9	0.1	<0.05	4	<0.5	<0.2
1151455	Soil	16	22	0.43	76	0.027	<1	1.23	0.004	0.05	0.4	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
REP 1151455	QC	15	21	0.41	70	0.026	<1	1.19	0.004	0.05	0.4	0.03	1.7	0.1	<0.05	4	0.8	<0.2
1079165	Soil	20	23	0.34	68	0.016	<1	1.11	0.003	0.03	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
REP 1079165	QC	20	22	0.33	65	0.016	<1	1.10	0.003	0.03	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1079179	Soil	29	28	0.49	67	0.016	<1	1.31	0.003	0.03	0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
REP 1079179	QC	25	27	0.47	64	0.012	<1	1.22	0.003	0.03	0.1	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2
1151232	Soil	13	15	0.23	71	0.017	1	1.03	0.004	0.04	0.1	0.04	1.6	0.1	<0.05	3	<0.5	<0.2
REP 1151232	QC	13	15	0.24	73	0.018	1	1.04	0.004	0.04	0.1	0.03	1.5	0.1	<0.05	3	0.5	<0.2

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Project: ALP
Report Date: October 04, 2011

QUALITY CONTROL REPORT DAW11000274.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1151248	Soil	0.7	24.0	18.6	93	0.1	23.8	9.5	392	2.50	13.1	1.1	1.5	4.2	11	0.5	0.6	0.2	33	0.12	0.058
REP 1151248	QC	0.8	24.3	19.1	97	0.2	23.5	9.6	407	2.50	12.7	1.1	9.8	4.3	11	0.6	0.5	0.2	35	0.12	0.060
1154714	Soil	1.3	14.3	12.7	42	<0.1	12.0	4.5	149	1.93	47.7	0.7	2.6	0.4	7	0.2	0.6	0.3	41	0.05	0.061
REP 1154714	QC	1.3	14.4	12.6	43	<0.1	11.4	4.5	148	1.88	47.0	0.7	1.6	0.6	7	0.1	0.6	0.3	39	0.04	0.061
1154731	Soil	0.9	23.0	14.1	75	0.2	21.7	8.9	332	2.29	44.1	1.2	5.5	5.7	11	0.4	0.6	0.2	33	0.13	0.053
REP 1154731	QC	1.1	23.9	14.8	77	0.1	21.9	8.8	337	2.33	45.3	1.2	3.0	5.9	11	0.4	0.6	0.2	33	0.13	0.052
Reference Materials																					
STD DS8	Standard	13.1	110.5	125.4	306	1.8	38.6	7.7	612	2.50	24.2	2.7	119.0	6.9	60	2.4	4.8	6.2	44	0.68	0.077
STD DS8	Standard	12.8	116.2	132.5	319	1.8	38.0	8.3	621	2.85	26.5	2.8	137.8	6.8	64	2.4	5.3	6.3	42	0.72	0.087
STD DS8	Standard	11.1	108.6	118.2	307	1.8	36.0	7.1	568	2.33	25.9	2.5	119.4	5.8	55	2.5	5.1	6.2	39	0.62	0.083
STD DS8	Standard	11.0	108.8	125.7	309	1.7	38.5	7.1	599	2.38	24.5	2.6	104.6	6.2	62	2.6	5.6	6.7	41	0.67	0.080
STD DS8	Standard	11.3	104.0	123.5	306	1.8	36.2	7.1	574	2.31	24.3	2.4	109.6	6.1	62	2.1	5.1	6.1	39	0.64	0.077
STD DS8	Standard	12.6	100.8	114.4	296	1.7	34.5	6.9	577	2.31	23.0	2.7	108.9	7.1	69	2.2	5.2	5.8	37	0.69	0.072
STD DS8	Standard	13.5	104.1	124.0	315	1.8	38.0	6.9	645	2.53	26.1	2.8	134.3	6.7	73	2.2	5.9	7.1	43	0.74	0.079
STD DS8	Standard	13.4	102.5	122.6	307	1.8	36.1	7.3	606	2.42	24.4	2.7	107.6	7.1	68	2.2	5.3	6.6	41	0.71	0.080
STD DS8	Standard	13.1	108.2	121.0	307	1.8	38.6	7.3	591	2.39	24.6	2.8	117.6	6.6	70	2.0	5.3	6.5	41	0.69	0.074
STD DS8	Standard	13.4	102.0	121.1	286	1.7	38.4	7.5	597	2.36	22.0	2.7	106.8	6.7	74	2.2	5.2	6.0	43	0.69	0.071
STD DS8	Standard	12.3	111.8	123.9	293	1.6	36.7	7.2	571	2.27	22.1	2.8	93.8	6.5	57	2.1	4.9	5.6	41	0.63	0.068
STD DS8	Standard	13.5	102.9	125.5	303	1.8	38.0	7.8	609	2.41	24.5	2.8	109.8	6.9	68	2.4	5.6	6.5	43	0.72	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 04, 2011

QUALITY CONTROL REPORT DAW11000274.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1151248	Soil	24	24	0.46	94	0.030	<1	1.25	0.005	0.05	0.3	0.02	2.1	<0.1	<0.05	4	0.7	<0.2
REP 1151248	QC	24	25	0.47	96	0.031	<1	1.29	0.004	0.05	0.2	0.03	2.2	0.1	<0.05	4	0.9	<0.2
1154714	Soil	15	18	0.15	45	0.013	<1	0.84	0.005	0.04	0.1	0.06	0.6	0.1	0.07	5	<0.5	<0.2
REP 1154714	QC	16	17	0.16	43	0.019	<1	0.90	0.005	0.04	0.2	0.05	0.7	0.1	0.06	5	<0.5	<0.2
1154731	Soil	21	22	0.38	75	0.037	1	1.21	0.005	0.05	0.2	0.03	1.9	<0.1	<0.05	3	0.5	<0.2
REP 1154731	QC	22	22	0.40	77	0.038	1	1.23	0.005	0.05	0.2	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	117	0.59	272	0.115	3	0.90	0.090	0.39	3.0	0.22	2.2	5.2	0.18	4	5.9	5.2
STD DS8	Standard	15	122	0.59	280	0.117	4	0.94	0.090	0.42	2.9	0.20	2.5	5.6	0.12	5	5.3	5.2
STD DS8	Standard	12	107	0.59	262	0.095	2	0.84	0.080	0.41	3.0	0.19	1.8	5.4	0.18	4	4.6	4.6
STD DS8	Standard	12	116	0.62	256	0.098	3	0.89	0.090	0.44	2.9	0.19	2.3	5.2	0.18	5	5.6	5.3
STD DS8	Standard	12	110	0.58	242	0.100	2	0.90	0.090	0.41	2.6	0.21	2.3	5.4	0.16	4	5.1	5.2
STD DS8	Standard	17	108	0.58	271	0.112	3	0.98	0.109	0.41	2.8	0.18	3.0	5.1	0.15	5	4.7	5.1
STD DS8	Standard	18	120	0.60	285	0.122	2	0.91	0.089	0.42	3.2	0.18	2.2	5.3	0.19	5	7.1	5.0
STD DS8	Standard	17	114	0.61	286	0.120	2	0.90	0.092	0.41	2.9	0.20	2.2	5.3	0.16	5	5.0	5.4
STD DS8	Standard	15	114	0.58	285	0.112	3	0.95	0.110	0.44	3.0	0.19	3.1	5.3	0.13	5	5.2	5.6
STD DS8	Standard	16	116	0.58	262	0.125	2	1.01	0.104	0.43	3.0	0.18	2.2	5.3	0.14	5	4.7	4.7
STD DS8	Standard	15	114	0.55	236	0.112	3	0.81	0.075	0.36	2.9	0.19	2.0	5.1	0.19	4	4.7	4.7
STD DS8	Standard	17	118	0.63	283	0.118	4	0.97	0.101	0.43	2.8	0.22	2.6	5.4	0.16	5	5.2	4.6
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 04, 2011

QUALITY CONTROL REPORT DAW11000274.1

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

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QUALITY CONTROL REPORT DAW11000274.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: September 05, 2011
Report Date: September 30, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS DAW11000275.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-10
P.O. Number
Number of Samples: 96

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	96	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	96	Dry at 60C			WHI
1DX2	95	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS DAW11000275.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1154710	Soil		0.9	18.9	10.2	56	0.2	18.1	6.7	265	2.62	222.2	0.7	2.4	2.6	14	0.2	0.6	2.1	35	0.10	0.045
1145541	Soil		0.6	41.8	22.2	106	0.3	38.1	15.0	774	3.60	256.1	1.1	13.9	8.6	14	0.3	2.0	0.5	28	0.11	0.057
1145543	Soil		0.3	48.0	33.5	365	0.6	49.5	20.5	1282	4.32	172.8	1.3	26.4	14.8	81	5.0	0.6	1.7	54	0.93	0.080
1145536	Soil		0.9	30.3	13.8	67	0.1	24.1	10.1	349	2.70	37.1	0.9	2.0	2.4	11	0.2	0.8	0.6	28	0.10	0.069
1145550	Soil		1.0	17.1	45.6	65	0.2	15.1	7.3	420	2.81	238.3	0.9	6.5	1.0	11	0.4	0.6	0.6	42	0.10	0.056
1037448	Soil		0.9	19.5	12.5	51	0.1	18.1	6.3	232	2.16	158.7	0.7	5.5	0.6	11	0.2	0.7	0.7	32	0.10	0.063
1145544	Soil		0.4	39.4	28.5	283	0.3	35.3	16.1	1016	3.40	200.3	1.3	17.9	9.5	30	3.0	0.5	1.6	43	0.39	0.064
1145548	Soil		0.6	49.5	83.7	98	0.4	34.1	15.5	800	3.26	158.1	1.5	14.4	9.0	25	0.3	0.6	0.5	54	0.26	0.058
1154711	Soil		0.5	18.5	9.4	53	0.1	20.2	9.0	274	2.46	201.4	0.8	4.3	3.8	17	0.2	0.5	1.6	32	0.11	0.053
1145549	Soil		0.7	21.5	58.1	97	0.6	21.5	8.3	422	2.72	219.9	1.1	13.4	1.5	13	0.5	0.8	0.8	35	0.11	0.057
1037450	Soil		0.8	17.7	8.8	42	<0.1	12.5	4.5	175	2.19	118.6	0.7	22.6	1.4	10	<0.1	1.0	0.2	32	0.10	0.048
1145547	Soil		0.4	45.8	90.6	123	0.4	40.0	18.1	1142	4.19	131.3	1.2	9.2	12.8	57	0.7	0.5	0.6	65	0.62	0.066
1145539	Soil		1.1	16.6	12.7	66	<0.1	17.4	6.6	266	2.47	33.3	0.7	1.4	1.4	10	0.2	0.7	0.2	39	0.09	0.048
1037447	Soil		0.8	18.8	11.1	47	<0.1	21.0	9.7	271	2.45	280.7	0.6	8.6	2.2	8	<0.1	0.7	0.3	36	0.06	0.033
1154701	Soil		0.8	17.6	46.9	88	0.4	18.2	10.5	597	2.23	144.0	1.0	6.5	0.9	16	1.2	0.6	0.6	31	0.15	0.075
1145542	Soil		0.7	42.6	13.8	117	0.5	41.8	16.0	879	3.70	209.3	1.4	22.0	10.3	19	0.3	1.3	0.5	27	0.19	0.063
1145540	Soil		1.5	40.6	25.5	115	0.4	38.1	16.4	874	3.25	119.5	1.9	21.2	10.2	20	0.8	1.2	0.7	31	0.20	0.072
1145538	Soil		0.7	19.6	11.7	61	<0.1	19.6	6.2	196	2.21	37.2	0.6	3.9	5.0	13	0.2	0.6	0.2	30	0.17	0.069
1037449	Soil		0.9	24.6	11.6	58	0.2	21.4	8.4	338	2.53	125.6	0.8	12.2	2.6	10	0.1	0.8	0.7	32	0.09	0.045
1154702	Soil		0.2	2.3	7.3	43	0.4	24.2	14.5	1122	2.70	107.8	0.8	<0.5	15.5	24	0.4	1.7	0.3	10	1.81	0.068
1145537	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1154705	Soil		1.2	18.4	21.9	67	0.4	14.5	6.6	417	2.57	162.8	1.1	5.0	0.4	11	0.6	0.6	1.3	39	0.08	0.067
1145545	Soil		0.6	35.6	43.1	148	1.3	25.6	8.2	527	2.95	202.6	1.4	25.1	2.6	16	1.0	1.1	0.9	41	0.17	0.064
1154703	Soil		0.1	1.8	7.1	41	0.4	24.3	14.6	1548	2.56	113.0	0.7	2.0	16.4	29	0.5	2.2	0.4	8	2.47	0.080
1154706	Soil		0.5	20.8	10.5	67	0.2	23.8	10.7	330	2.45	227.4	1.1	8.6	3.9	12	0.3	0.7	2.0	29	0.08	0.040
1154713	Soil		0.7	14.9	9.4	45	0.2	13.5	5.2	181	2.08	129.5	0.8	3.3	0.6	10	0.1	0.4	1.3	34	0.08	0.051
1154704	Soil		1.0	17.1	26.2	89	0.2	17.7	10.7	592	2.53	118.5	0.9	7.0	2.1	10	0.7	0.7	1.2	35	0.09	0.050
1145546	Soil		0.6	42.5	43.0	110	0.5	38.4	15.8	765	3.11	306.5	1.5	21.5	11.0	17	1.0	0.9	1.0	33	0.21	0.072
1154708	Soil		0.8	19.3	12.5	56	0.4	17.0	6.4	255	2.52	233.7	1.0	4.5	1.6	10	0.2	0.6	2.4	35	0.08	0.052
1154707	Soil		0.7	16.4	10.7	67	0.2	18.0	7.3	267	2.35	271.8	0.8	0.7	2.2	14	0.6	0.6	2.6	29	0.14	0.051

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Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS DAW11000275.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1154710	Soil		16	22	0.43	98	0.032	2	1.25	0.006	0.08	0.2	0.03	1.4	0.3	0.05	5	0.9	<0.2
1145541	Soil		37	21	0.77	105	0.017	<1	1.40	0.005	0.12	0.2	0.03	2.4	0.2	0.06	4	0.6	<0.2
1145543	Soil		20	38	3.02	386	0.146	1	4.02	0.117	1.09	0.3	0.02	6.4	0.9	<0.05	12	<0.5	<0.2
1145536	Soil		22	20	0.38	58	0.018	1	1.11	0.005	0.05	0.2	0.03	1.1	<0.1	<0.05	4	0.6	<0.2
1145550	Soil		16	21	0.33	117	0.020	2	1.16	0.005	0.06	0.3	0.06	1.0	0.1	<0.05	5	<0.5	<0.2
1037448	Soil		12	19	0.30	80	0.018	2	1.02	0.006	0.05	0.2	0.06	1.0	0.1	0.07	4	0.8	<0.2
1145544	Soil		21	29	1.73	165	0.079	1	2.39	0.023	0.34	0.2	0.03	3.8	0.5	<0.05	7	0.5	<0.2
1145548	Soil		23	33	1.43	203	0.062	1	2.34	0.027	0.33	0.4	0.05	3.6	0.3	<0.05	7	0.5	<0.2
1154711	Soil		17	23	0.46	123	0.034	<1	1.32	0.006	0.10	0.2	0.02	1.6	0.3	<0.05	4	0.9	<0.2
1145549	Soil		17	23	0.47	147	0.018	2	1.33	0.005	0.06	0.2	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1037450	Soil		14	18	0.29	63	0.025	<1	1.06	0.005	0.04	0.2	0.05	1.2	0.1	<0.05	4	0.7	<0.2
1145547	Soil		25	44	2.71	322	0.137	1	3.92	0.104	0.69	0.4	0.03	6.3	0.5	<0.05	11	<0.5	<0.2
1145539	Soil		13	22	0.33	76	0.027	1	1.24	0.005	0.05	0.2	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1037447	Soil		12	19	0.32	74	0.022	<1	1.14	0.004	0.04	0.3	0.03	1.3	0.1	<0.05	4	0.6	<0.2
1154701	Soil		16	20	0.38	137	0.015	<1	1.16	0.005	0.07	0.2	0.04	1.0	0.1	0.08	4	1.0	<0.2
1145542	Soil		44	22	0.97	117	0.022	<1	1.56	0.004	0.11	0.2	0.03	2.9	0.2	<0.05	5	0.7	<0.2
1145540	Soil		38	22	0.91	136	0.029	<1	1.46	0.005	0.16	0.1	0.03	2.6	0.3	<0.05	4	0.5	<0.2
1145538	Soil		15	19	0.40	63	0.035	1	1.22	0.005	0.05	0.2	0.03	1.7	0.1	<0.05	3	1.0	<0.2
1037449	Soil		17	20	0.37	67	0.024	<1	1.22	0.005	0.05	0.2	0.04	1.3	0.1	<0.05	4	<0.5	<0.2
1154702	Soil		34	11	0.10	64	0.002	<1	0.24	0.002	0.07	0.2	<0.01	2.9	0.3	<0.05	<1	<0.5	<0.2
1145537	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1154705	Soil		15	21	0.27	112	0.016	<1	1.16	0.004	0.05	0.2	0.05	0.7	0.2	0.08	5	0.9	<0.2
1145545	Soil		23	27	1.04	167	0.027	1	1.85	0.006	0.14	0.2	0.04	2.2	0.3	0.05	6	1.3	<0.2
1154703	Soil		29	10	0.09	55	<0.001	<1	0.21	0.001	0.07	0.3	0.01	2.7	0.3	<0.05	<1	<0.5	<0.2
1154706	Soil		17	22	0.38	109	0.028	<1	1.18	0.005	0.10	0.3	0.01	1.6	0.3	<0.05	4	0.8	<0.2
1154713	Soil		13	20	0.32	82	0.017	<1	1.14	0.005	0.05	0.2	0.03	0.9	0.2	0.05	4	0.6	<0.2
1154704	Soil		17	22	0.34	89	0.018	<1	1.06	0.004	0.04	0.2	0.03	1.2	0.1	<0.05	4	<0.5	<0.2
1145546	Soil		30	27	0.92	158	0.038	2	1.56	0.005	0.19	0.3	0.03	3.0	0.2	<0.05	5	0.6	<0.2
1154708	Soil		16	22	0.37	94	0.022	<1	1.27	0.004	0.07	0.2	0.04	1.4	0.2	<0.05	4	<0.5	<0.2
1154707	Soil		17	20	0.33	92	0.023	<1	0.93	0.004	0.07	0.3	0.03	1.3	0.2	<0.05	3	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1154712	Soil	0.8	13.6	9.1	47	<0.1	15.7	5.4	184	2.30	115.9	0.7	4.0	1.0	11	<0.1	0.5	1.3	37	0.07	0.038
1154709	Soil	1.0	13.7	7.5	31	0.3	10.5	4.0	146	1.53	144.4	0.9	1.3	0.2	12	0.2	0.4	1.7	26	0.08	0.065
1151175	Soil	0.6	25.0	9.9	66	0.3	23.7	8.9	444	2.51	120.2	1.2	4.7	4.1	23	0.1	0.6	0.4	46	0.25	0.063
1151185	Soil	0.9	30.3	103.8	143	0.5	26.5	13.3	388	2.86	40.1	1.2	5.2	6.5	17	1.6	0.7	0.4	36	0.12	0.053
1151186	Soil	0.9	35.0	66.1	170	0.4	36.7	20.0	574	3.49	57.0	1.3	3.9	6.3	18	1.3	0.6	0.5	35	0.09	0.052
1151187	Soil	0.8	27.3	38.5	119	0.4	28.3	12.5	403	2.89	81.2	1.1	2.4	5.5	18	1.0	0.5	0.5	33	0.13	0.048
1151184	Soil	0.9	35.4	258.3	188	1.0	24.2	10.2	389	2.87	69.0	1.2	5.6	6.5	14	1.8	1.1	0.5	38	0.11	0.051
1151182	Soil	0.9	50.1	626.1	300	1.9	33.2	14.8	507	3.16	33.1	1.4	3.4	6.8	15	1.6	1.7	0.4	34	0.14	0.064
1151192	Soil	0.9	20.4	18.0	77	<0.1	21.7	11.0	438	2.36	27.3	1.0	3.4	3.8	11	0.3	0.7	0.3	38	0.11	0.065
1151183	Soil	0.9	16.2	47.0	95	0.2	20.6	9.7	262	2.81	21.0	0.6	2.0	3.9	9	0.6	0.7	0.3	43	0.08	0.032
1151181	Soil	1.0	30.9	30.9	69	0.2	24.2	12.5	412	2.77	43.9	1.1	8.0	4.1	9	0.2	0.7	0.4	40	0.08	0.039
1151180	Soil	0.9	38.8	10.4	66	0.2	31.6	21.4	400	2.47	51.4	1.1	5.8	6.3	16	0.2	0.7	0.6	35	0.13	0.052
1151179	Soil	0.7	29.1	9.9	61	<0.1	28.3	16.4	369	2.37	57.0	0.9	2.8	6.2	14	0.2	0.6	0.6	35	0.13	0.045
1151178	Soil	0.6	18.6	8.7	53	0.1	19.6	8.0	311	2.09	40.5	0.7	6.1	3.5	18	0.2	0.6	0.4	34	0.21	0.051
1151190	Soil	1.0	18.0	23.9	76	0.1	21.5	8.7	292	2.69	49.3	0.9	3.6	4.8	13	0.4	0.5	0.5	40	0.10	0.044
1151170	Soil	0.9	32.1	116.0	196	1.5	33.5	16.6	948	2.87	271.9	1.7	10.8	3.8	23	1.5	1.0	0.7	35	0.22	0.065
1151193	Soil	0.8	18.0	29.9	84	0.1	21.4	13.3	760	2.46	33.4	0.9	20.4	4.7	15	0.4	0.7	0.3	39	0.16	0.083
1151176	Soil	0.7	22.9	13.0	76	0.2	23.2	10.7	408	2.49	119.3	1.1	7.6	4.5	25	0.4	0.5	0.5	43	0.28	0.050
1151174	Soil	0.8	27.5	10.4	72	0.3	24.3	9.6	446	2.53	118.0	1.4	5.9	5.0	26	0.2	0.6	0.4	50	0.27	0.071
1151188	Soil	0.9	22.0	31.5	95	0.2	23.9	11.2	377	2.66	50.0	0.9	3.6	4.4	18	0.7	0.7	0.4	38	0.13	0.050
1151189	Soil	1.0	16.4	25.3	73	0.2	20.1	10.4	404	2.76	31.0	0.8	3.0	4.3	12	0.5	0.5	0.3	44	0.11	0.049
1151191	Soil	0.9	11.8	17.8	50	<0.1	14.3	6.2	201	2.36	26.0	0.8	3.8	1.3	9	0.2	0.5	0.4	40	0.07	0.036
1151177	Soil	0.6	27.6	11.7	70	0.2	23.9	12.6	338	2.43	111.1	1.5	119.3	5.0	22	0.2	0.6	0.5	40	0.27	0.063
1151171	Soil	0.8	25.4	26.1	87	0.2	24.9	12.1	569	2.86	230.9	1.3	4.8	2.3	19	0.3	0.7	0.6	39	0.17	0.060
1151169	Soil	0.8	50.4	53.0	319	2.4	41.8	19.7	1125	3.75	341.6	2.2	16.4	13.4	30	3.4	1.4	1.0	22	0.16	0.056
1151167	Soil	0.9	25.4	155.2	277	5.0	23.2	12.4	567	3.01	398.3	1.0	9.5	3.1	14	2.1	1.3	2.0	39	0.07	0.047
1151172	Soil	0.8	21.8	14.1	64	0.1	21.2	9.6	396	2.58	157.0	1.2	4.3	2.9	14	0.2	0.7	0.4	37	0.12	0.048
1151166	Soil	1.0	23.3	42.5	255	0.8	25.3	11.1	518	2.77	205.5	0.9	12.3	3.7	13	2.2	0.9	0.5	38	0.11	0.049
1151165	Soil	0.8	39.9	146.7	523	3.1	29.8	13.0	834	3.06	783.0	1.2	25.6	6.1	18	7.1	2.7	1.9	26	0.14	0.065
1151168	Soil	1.1	15.4	26.4	74	0.6	14.2	6.4	371	2.47	68.6	0.7	5.7	0.3	9	0.5	0.6	0.3	41	0.08	0.065

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1154712	Soil	13	22	0.33	76	0.025	<1	1.09	0.004	0.05	0.3	0.02	1.1	0.2	<0.05	4	0.7	<0.2
1154709	Soil	11	16	0.18	98	0.012	<1	0.74	0.005	0.05	0.1	0.04	0.5	0.2	0.10	3	<0.5	<0.2
1151175	Soil	19	27	0.79	170	0.046	1	1.67	0.015	0.18	0.3	0.04	2.6	0.2	<0.05	5	0.8	<0.2
1151185	Soil	19	24	0.43	120	0.035	<1	1.42	0.006	0.09	0.2	0.04	2.0	0.2	<0.05	5	0.9	<0.2
1151186	Soil	21	28	0.52	145	0.031	1	1.69	0.006	0.14	0.2	0.02	2.0	0.4	<0.05	6	0.6	<0.2
1151187	Soil	20	24	0.48	152	0.040	<1	1.59	0.006	0.14	0.1	0.04	2.3	0.3	<0.05	5	0.9	<0.2
1151184	Soil	17	26	0.44	114	0.029	2	1.47	0.005	0.06	0.2	0.03	2.0	0.2	<0.05	4	<0.5	<0.2
1151182	Soil	19	26	0.51	61	0.021	1	1.56	0.005	0.04	0.3	0.05	1.8	<0.1	<0.05	4	0.7	<0.2
1151192	Soil	14	25	0.39	128	0.032	1	1.61	0.006	0.05	0.2	0.04	2.6	0.1	<0.05	4	<0.5	<0.2
1151183	Soil	12	23	0.34	116	0.030	2	1.47	0.005	0.04	0.2	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1151181	Soil	19	25	0.43	83	0.030	1	1.46	0.005	0.05	0.3	0.05	1.9	0.1	<0.05	4	<0.5	<0.2
1151180	Soil	27	22	0.54	98	0.041	<1	1.36	0.006	0.09	0.3	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
1151179	Soil	19	22	0.56	110	0.040	<1	1.43	0.006	0.09	0.3	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
1151178	Soil	12	21	0.42	125	0.034	2	1.14	0.008	0.08	0.2	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1151190	Soil	17	27	0.43	123	0.044	1	1.75	0.006	0.13	0.2	0.03	2.2	0.2	<0.05	5	<0.5	<0.2
1151170	Soil	20	25	0.51	174	0.024	2	1.39	0.007	0.07	0.3	0.04	2.0	0.1	<0.05	4	<0.5	<0.2
1151193	Soil	17	25	0.40	114	0.045	1	1.43	0.006	0.08	0.4	0.03	2.5	0.1	<0.05	4	<0.5	<0.2
1151176	Soil	16	29	0.84	192	0.045	2	1.84	0.016	0.15	0.3	0.03	2.4	0.2	<0.05	6	<0.5	<0.2
1151174	Soil	19	28	0.84	183	0.054	1	1.81	0.019	0.20	0.3	0.03	2.7	0.2	<0.05	5	<0.5	<0.2
1151188	Soil	17	25	0.44	164	0.040	1	1.52	0.006	0.13	0.3	0.03	2.2	0.3	<0.05	5	<0.5	<0.2
1151189	Soil	17	28	0.41	128	0.041	2	1.69	0.008	0.11	0.2	0.06	2.2	0.2	<0.05	5	0.6	<0.2
1151191	Soil	15	26	0.33	92	0.030	1	1.44	0.005	0.07	0.2	0.04	1.5	0.2	<0.05	5	<0.5	<0.2
1151177	Soil	17	28	0.69	171	0.045	2	1.69	0.011	0.11	0.4	0.03	2.6	0.2	<0.05	5	0.5	<0.2
1151171	Soil	18	27	0.52	146	0.026	2	1.47	0.009	0.09	0.3	0.04	1.8	0.2	<0.05	5	<0.5	<0.2
1151169	Soil	40	22	0.71	132	0.009	<1	1.55	0.003	0.08	0.1	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
1151167	Soil	15	24	0.40	111	0.017	<1	1.65	0.005	0.05	0.2	0.07	1.6	0.1	<0.05	4	0.6	<0.2
1151172	Soil	18	24	0.45	125	0.026	1	1.27	0.006	0.06	0.3	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1151166	Soil	19	24	0.37	120	0.022	1	1.34	0.005	0.05	0.4	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1151165	Soil	22	22	0.45	101	0.015	<1	1.23	0.005	0.08	0.2	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1151168	Soil	15	23	0.27	68	0.012	2	1.28	0.005	0.04	0.2	0.07	0.5	0.1	<0.05	4	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151164	Soil		0.4	36.2	103.0	570	2.9	50.8	24.5	2573	4.14	561.6	1.1	22.5	21.3	21	8.6	2.9	1.1	13	0.16	0.041
1151173	Soil		0.7	21.9	14.0	60	0.2	18.2	8.1	310	2.42	160.5	1.3	10.0	2.3	13	0.1	0.6	0.4	37	0.13	0.056
1075001	Soil		0.7	25.4	16.6	71	0.1	24.6	10.2	387	2.59	116.5	1.1	6.9	5.1	13	0.2	0.7	0.3	32	0.14	0.061
1075007	Soil		0.8	29.4	20.5	71	0.2	28.0	14.1	427	2.64	66.6	1.1	3.0	3.9	14	0.3	0.8	0.3	32	0.12	0.060
1075009	Soil		0.8	28.2	17.2	59	0.1	23.1	13.0	342	2.49	67.5	1.1	6.7	2.3	13	0.2	0.8	0.3	34	0.10	0.064
1075011	Soil		0.6	35.0	106.7	97	0.5	29.7	9.2	336	3.00	365.6	1.5	8.9	5.9	12	0.5	0.8	0.7	28	0.11	0.057
1075008	Soil		0.8	43.6	22.8	80	0.2	36.1	19.4	508	3.12	88.0	1.5	12.5	5.1	15	0.3	1.0	0.4	32	0.11	0.061
1075024	Soil		0.5	37.8	23.5	81	0.1	28.2	11.6	425	2.73	46.9	0.9	1.5	5.4	12	0.2	0.5	0.4	33	0.13	0.052
1075010	Soil		0.8	29.9	17.7	66	0.1	30.8	14.4	381	2.42	41.4	1.0	6.7	3.5	11	0.3	0.7	0.3	32	0.09	0.047
1075020	Soil		0.6	48.1	105.1	114	0.3	27.2	19.1	644	2.46	71.9	1.1	2.1	4.9	13	0.3	0.5	0.5	29	0.11	0.044
1075022	Soil		0.8	27.0	24.7	73	0.1	19.3	7.4	349	2.44	68.9	0.9	3.0	2.5	12	0.2	0.6	0.5	32	0.12	0.047
1075018	Soil		0.9	30.8	14.4	62	0.1	21.1	9.2	354	2.67	81.4	1.2	2.8	2.3	9	0.2	0.6	1.2	32	0.07	0.047
1075025	Soil		0.5	31.9	19.8	76	<0.1	26.3	9.7	329	2.76	42.9	0.6	1.4	4.4	9	0.2	0.4	0.4	34	0.11	0.044
1075023	Soil		0.7	26.3	22.0	71	<0.1	20.0	8.0	311	2.50	36.5	0.8	7.7	1.7	9	0.2	0.5	0.4	35	0.11	0.053
1075019	Soil		0.7	25.2	32.5	113	0.3	34.1	14.5	1801	3.24	50.5	1.0	3.1	7.6	12	1.2	0.7	0.6	38	0.11	0.059
1075021	Soil		0.7	29.7	28.8	69	0.1	21.5	9.2	362	2.67	87.6	0.8	3.6	4.3	8	0.3	0.5	0.4	33	0.07	0.043
1075014	Soil		0.8	32.0	18.3	67	0.2	24.3	8.7	310	2.86	40.2	1.4	7.0	3.4	11	0.2	0.7	0.3	32	0.08	0.054
1075016	Soil		0.7	21.5	16.8	52	<0.1	24.0	13.0	327	2.39	70.0	0.7	4.0	4.0	7	0.1	0.6	0.2	31	0.08	0.040
1075015	Soil		0.8	22.0	13.2	60	<0.1	21.2	9.3	302	2.51	33.6	0.7	4.5	3.6	10	0.3	0.6	0.2	37	0.12	0.055
1075013	Soil		0.9	33.1	17.5	61	0.2	20.7	7.2	300	3.06	32.0	1.1	2.7	2.4	9	0.1	0.7	0.3	37	0.07	0.058
1075017	Soil		0.8	19.3	14.5	58	0.2	17.6	6.3	257	2.49	37.6	0.8	0.7	0.7	7	0.2	0.7	0.3	33	0.07	0.060
1075012	Soil		1.3	55.3	16.1	77	0.3	47.4	30.4	910	3.67	49.6	1.4	4.5	5.5	13	0.2	0.9	0.5	29	0.07	0.068
1075005	Soil		0.5	33.8	16.9	78	0.2	25.6	10.0	399	2.66	96.5	0.9	6.1	3.8	9	0.2	0.7	0.5	25	0.10	0.059
1075006	Soil		0.8	29.9	33.6	83	0.1	28.4	12.8	431	2.97	173.0	1.0	9.8	5.2	13	0.5	1.2	0.3	29	0.12	0.064
1075004	Soil		0.7	23.4	16.5	63	0.1	24.7	8.3	391	2.46	118.4	0.8	4.7	3.7	10	0.4	0.6	0.3	34	0.11	0.056
1075002	Soil		0.6	22.0	22.6	59	0.1	21.7	8.5	312	2.39	85.0	0.7	4.3	1.9	10	0.3	0.6	0.5	30	0.09	0.047
1075003	Soil		1.1	15.1	15.8	50	<0.1	14.6	5.4	288	2.50	65.3	0.6	0.7	0.6	9	0.3	0.8	0.2	47	0.08	0.044
1075027	Soil		0.7	22.0	12.2	58	0.1	19.4	6.8	255	2.24	18.8	0.6	4.1	2.2	11	0.2	0.7	0.2	33	0.12	0.054
1075028	Soil		0.6	22.4	9.9	54	<0.1	20.5	6.6	203	2.08	15.2	0.7	<0.5	2.3	9	0.1	0.6	0.2	33	0.10	0.044
1075029	Soil		0.7	22.1	8.6	59	<0.1	20.0	6.0	170	2.12	11.5	0.7	5.7	2.5	11	0.1	0.9	0.2	37	0.12	0.061

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS DAW11000275.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151164	Soil	39	21	0.61	55	0.003	1	1.50	0.003	0.12	0.2	<0.01	2.2	0.2	<0.05	4	<0.5	<0.2
1151173	Soil	17	23	0.42	97	0.026	1	1.23	0.005	0.05	0.3	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1075001	Soil	22	23	0.47	75	0.026	1	1.22	0.004	0.05	0.2	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1075007	Soil	18	22	0.42	76	0.025	1	1.22	0.005	0.04	0.2	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2
1075009	Soil	17	20	0.35	77	0.021	1	1.21	0.005	0.03	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1075011	Soil	27	25	0.57	63	0.015	1	1.64	0.005	0.05	0.1	0.03	1.6	0.1	<0.05	5	<0.5	<0.2
1075008	Soil	21	23	0.48	84	0.022	2	1.37	0.005	0.04	0.2	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1075024	Soil	24	26	0.71	107	0.024	1	1.73	0.005	0.08	0.1	0.03	2.2	0.2	<0.05	5	<0.5	<0.2
1075010	Soil	19	21	0.39	76	0.024	2	1.24	0.005	0.04	0.2	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1075020	Soil	24	21	0.43	90	0.014	1	1.30	0.004	0.06	0.2	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1075022	Soil	19	22	0.48	109	0.016	1	1.40	0.005	0.07	0.2	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1075018	Soil	20	22	0.39	81	0.015	2	1.31	0.004	0.05	0.2	0.03	1.2	0.1	<0.05	4	<0.5	<0.2
1075025	Soil	21	26	0.77	100	0.023	1	1.94	0.004	0.09	0.2	0.02	1.7	0.2	<0.05	5	<0.5	<0.2
1075023	Soil	15	23	0.49	83	0.017	1	1.39	0.004	0.05	0.1	0.02	1.3	0.1	<0.05	4	<0.5	<0.2
1075019	Soil	23	34	0.59	172	0.008	1	1.89	0.004	0.05	0.1	0.02	3.1	0.1	<0.05	6	1.1	<0.2
1075021	Soil	18	22	0.42	68	0.017	1	1.42	0.004	0.07	0.2	0.02	1.5	0.1	<0.05	4	0.5	<0.2
1075014	Soil	21	24	0.41	81	0.017	<1	1.45	0.005	0.04	0.2	0.02	1.7	<0.1	<0.05	4	0.7	<0.2
1075016	Soil	17	19	0.33	68	0.019	<1	1.17	0.003	0.04	0.2	0.02	1.4	0.1	<0.05	4	0.7	<0.2
1075015	Soil	16	23	0.42	81	0.028	1	1.51	0.004	0.04	0.2	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
1075013	Soil	19	24	0.42	74	0.020	1	1.53	0.004	0.04	0.2	0.03	1.4	0.1	<0.05	5	0.8	<0.2
1075017	Soil	15	19	0.37	70	0.010	<1	1.25	0.004	0.04	0.2	0.04	0.8	0.1	<0.05	4	1.2	<0.2
1075012	Soil	24	25	0.61	84	0.011	<1	1.86	0.004	0.04	0.1	0.04	1.6	0.2	<0.05	5	1.1	<0.2
1075005	Soil	24	22	0.45	103	0.012	<1	1.33	0.003	0.04	0.1	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1075006	Soil	20	22	0.51	69	0.023	<1	1.26	0.005	0.04	0.2	0.04	1.4	<0.1	<0.05	4	0.7	<0.2
1075004	Soil	17	23	0.45	77	0.021	1	1.20	0.004	0.04	0.3	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1075002	Soil	15	21	0.38	94	0.016	<1	1.20	0.005	0.04	0.2	0.04	1.3	0.1	<0.05	3	<0.5	<0.2
1075003	Soil	12	22	0.26	93	0.020	2	1.09	0.004	0.03	0.3	0.03	0.9	<0.1	<0.05	6	<0.5	<0.2
1075027	Soil	14	22	0.48	114	0.024	<1	1.42	0.005	0.06	0.2	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
1075028	Soil	17	23	0.54	124	0.026	<1	1.61	0.004	0.07	0.2	0.03	1.9	0.2	<0.05	5	<0.5	<0.2
1075029	Soil	14	24	0.45	99	0.032	1	1.45	0.005	0.06	0.2	0.05	1.9	0.1	<0.05	4	<0.5	<0.2

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Project: MHR
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS DAW11000275.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1075026	Soil	0.4	19.3	13.2	60	<0.1	17.3	7.2	291	2.16	23.5	0.6	8.1	2.4	10	0.2	0.5	0.3	37	0.12	0.050
1075030	Soil	0.7	24.2	11.8	67	<0.1	24.0	8.4	218	2.41	19.1	0.9	1.9	2.0	12	0.2	0.6	0.2	35	0.12	0.063
1075032	Soil	0.8	21.9	66.7	113	<0.1	23.3	9.2	323	2.28	20.9	0.7	5.8	4.3	16	0.2	0.6	0.2	33	0.15	0.064
1075033	Soil	0.7	16.7	38.0	74	<0.1	18.3	7.5	249	2.10	16.8	0.7	1.4	2.1	12	0.2	0.6	0.2	33	0.14	0.048
1075034	Soil	0.6	16.7	36.6	71	<0.1	20.1	7.8	255	2.27	16.5	0.6	2.0	2.2	13	0.2	0.5	0.2	34	0.13	0.056
1075031	Soil	0.8	21.2	69.3	107	<0.1	22.2	9.2	314	2.31	20.6	0.8	5.3	4.4	15	0.3	0.6	0.2	31	0.15	0.062

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CERTIFICATE OF ANALYSIS DAW11000275.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1075026	Soil	14	24	0.53	92	0.027	<1	1.43	0.005	0.05	0.2	0.04	1.7	0.2	<0.05	4	<0.5	<0.2
1075030	Soil	15	24	0.43	106	0.024	<1	1.63	0.007	0.08	0.2	0.04	1.7	0.2	<0.05	5	0.8	<0.2
1075032	Soil	15	23	0.48	97	0.034	<1	1.33	0.006	0.09	0.3	0.02	1.7	0.2	<0.05	4	<0.5	<0.2
1075033	Soil	13	20	0.37	95	0.028	1	1.16	0.005	0.07	0.4	0.02	1.3	0.2	<0.05	4	<0.5	<0.2
1075034	Soil	14	20	0.38	96	0.026	<1	1.22	0.005	0.07	0.3	0.05	1.5	0.2	<0.05	4	<0.5	<0.2
1075031	Soil	15	21	0.46	103	0.033	1	1.31	0.006	0.09	0.3	0.04	1.6	0.2	<0.05	4	<0.5	<0.2

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QUALITY CONTROL REPORT DAW11000275.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1145539	Soil	1.1	16.6	12.7	66	<0.1	17.4	6.6	266	2.47	33.3	0.7	1.4	1.4	10	0.2	0.7	0.2	39	0.09	0.048
REP 1145539	QC	1.1	18.1	12.4	68	<0.1	18.7	6.9	269	2.48	33.7	0.7	8.3	1.4	11	0.3	0.7	0.2	41	0.09	0.050
1037449	Soil	0.9	24.6	11.6	58	0.2	21.4	8.4	338	2.53	125.6	0.8	12.2	2.6	10	0.1	0.8	0.7	32	0.09	0.045
REP 1037449	QC	1.0	24.2	11.3	58	0.3	20.7	8.2	335	2.51	122.6	0.9	13.1	2.6	10	0.2	0.7	0.6	31	0.08	0.043
1151171	Soil	0.8	25.4	26.1	87	0.2	24.9	12.1	569	2.86	230.9	1.3	4.8	2.3	19	0.3	0.7	0.6	39	0.17	0.060
REP 1151171	QC	0.9	24.7	25.7	84	0.2	24.9	12.0	557	2.81	219.2	1.3	13.4	2.4	19	0.3	0.6	0.6	38	0.17	0.061
1075007	Soil	0.8	29.4	20.5	71	0.2	28.0	14.1	427	2.64	66.6	1.1	3.0	3.9	14	0.3	0.8	0.3	32	0.12	0.060
REP 1075007	QC	0.9	29.5	20.3	72	0.1	27.9	14.1	440	2.66	67.7	1.2	21.8	3.9	14	0.3	0.8	0.3	33	0.12	0.064
1075029	Soil	0.7	22.1	8.6	59	<0.1	20.0	6.0	170	2.12	11.5	0.7	5.7	2.5	11	0.1	0.9	0.2	37	0.12	0.061
REP 1075029	QC	0.6	21.4	8.7	60	<0.1	18.5	5.9	178	2.20	11.2	0.8	3.5	2.6	12	0.3	0.6	0.2	35	0.14	0.058
Reference Materials																					
STD DS8	Standard	13.1	110.5	125.4	306	1.8	38.6	7.7	612	2.50	24.2	2.7	119.0	6.9	60	2.4	4.8	6.2	44	0.68	0.077
STD DS8	Standard	13.4	109.9	124.1	315	1.8	37.7	7.4	603	2.41	24.6	3.0	114.2	7.4	70	2.1	6.0	7.2	42	0.68	0.079
STD DS8	Standard	12.3	103.8	121.1	303	1.8	35.3	6.9	585	2.34	24.5	2.7	113.1	6.5	65	2.3	5.4	6.5	39	0.69	0.079
STD DS8	Standard	13.4	98.6	120.0	309	2.0	36.7	6.5	603	2.39	23.3	2.5	106.1	6.1	68	2.5	5.2	6.6	38	0.64	0.075
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 30, 2011

QUALITY CONTROL REPORT DAW11000275.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1145539	Soil	13	22	0.33	76	0.027	1	1.24	0.005	0.05	0.2	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
REP 1145539	QC	13	22	0.34	78	0.028	2	1.29	0.005	0.05	0.3	0.05	1.4	0.1	<0.05	4	0.5	<0.2
1037449	Soil	17	20	0.37	67	0.024	<1	1.22	0.005	0.05	0.2	0.04	1.3	0.1	<0.05	4	<0.5	<0.2
REP 1037449	QC	17	20	0.37	67	0.024	<1	1.21	0.005	0.05	0.2	0.05	1.3	0.1	<0.05	4	1.1	<0.2
1151171	Soil	18	27	0.52	146	0.026	2	1.47	0.009	0.09	0.3	0.04	1.8	0.2	<0.05	5	<0.5	<0.2
REP 1151171	QC	19	26	0.52	147	0.025	1	1.49	0.009	0.08	0.3	0.05	1.6	0.2	<0.05	5	<0.5	<0.2
1075007	Soil	18	22	0.42	76	0.025	1	1.22	0.005	0.04	0.2	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2
REP 1075007	QC	20	22	0.43	78	0.026	1	1.23	0.005	0.04	0.3	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1075029	Soil	14	24	0.45	99	0.032	1	1.45	0.005	0.06	0.2	0.05	1.9	0.1	<0.05	4	<0.5	<0.2
REP 1075029	QC	15	22	0.47	100	0.032	1	1.51	0.006	0.07	0.2	0.05	2.2	0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	117	0.59	272	0.115	3	0.90	0.090	0.39	3.0	0.22	2.2	5.2	0.18	4	5.9	5.2
STD DS8	Standard	17	116	0.61	285	0.118	3	0.90	0.087	0.43	3.0	0.18	2.4	5.2	0.17	5	5.0	4.9
STD DS8	Standard	15	108	0.59	270	0.109	3	0.89	0.088	0.41	2.8	0.18	2.1	5.2	0.16	5	5.3	5.2
STD DS8	Standard	15	112	0.59	269	0.104	3	0.88	0.083	0.42	2.8	0.22	1.9	5.5	0.16	5	5.4	4.7
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: September 05, 2011
Report Date: October 06, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000276.1

CLIENT JOB INFORMATION

Project: MAY
Shipment ID: MAY2011-02
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000276.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078138	Soil	0.6	142.8	28.5	1286	0.9	27.5	15.4	805	2.96	231.8	1.8	11.6	7.4	25	13.4	0.7	5.3	41	0.20	0.082
1078102	Soil	0.6	124.0	16.5	992	0.4	20.9	9.1	435	2.69	182.1	1.8	10.7	7.4	25	7.6	0.6	2.2	37	0.13	0.049
1078105	Soil	1.2	148.7	14.3	842	0.9	31.2	15.5	603	2.89	340.4	1.8	8.2	7.3	31	5.8	0.8	4.4	39	0.19	0.063
1078103	Soil	0.8	95.0	12.4	800	0.4	22.8	9.3	480	2.67	149.4	1.4	20.9	4.6	20	7.0	0.6	1.6	40	0.14	0.050
1078101	Soil	0.8	149.3	16.5	1398	0.6	22.3	12.5	510	3.08	338.7	2.1	1165	13.1	39	13.1	0.6	4.2	34	0.18	0.067
1078104	Soil	0.8	120.4	12.9	661	0.9	25.3	12.0	471	2.80	367.9	1.5	24.0	5.7	50	6.3	0.7	3.5	40	0.16	0.059
1078106	Soil	1.1	27.4	36.0	291	0.3	19.0	9.5	646	2.38	82.5	0.9	<0.5	3.9	15	1.7	0.5	0.6	34	0.13	0.059
1078129	Soil	0.5	70.2	41.7	265	1.6	57.3	18.1	599	3.30	48.6	1.5	14.5	13.9	36	2.9	0.7	0.5	29	0.29	0.066
1078130	Soil	0.8	16.8	33.3	143	0.4	21.6	6.9	527	2.23	103.0	0.9	9.1	4.5	28	0.4	0.5	0.3	27	0.41	0.064
1078126	Soil	1.5	22.8	21.4	132	0.2	21.9	8.9	583	2.15	86.2	0.9	7.7	3.2	17	1.2	0.6	0.6	35	0.17	0.072
1078125	Soil	0.7	33.8	20.4	132	0.3	23.4	10.2	569	2.25	90.8	1.2	23.4	5.8	16	1.0	0.6	0.4	39	0.18	0.080
1078123	Soil	1.1	47.0	116.7	297	0.6	33.3	15.0	1573	2.75	182.1	1.7	19.5	5.0	29	2.2	0.9	0.7	36	0.26	0.088
1078128	Soil	0.4	36.0	68.3	419	1.1	20.5	6.6	553	2.31	261.2	2.0	6.5	2.9	22	3.5	0.7	0.9	27	0.44	0.059
1078127	Soil	0.7	20.5	31.8	175	0.2	20.3	8.5	619	2.13	132.8	1.0	14.0	4.1	13	1.7	0.5	0.4	29	0.12	0.053
1078124	Soil	0.4	55.1	37.5	388	0.4	41.4	17.6	1459	2.95	206.9	1.8	20.1	10.9	50	2.5	0.6	0.9	24	0.23	0.055
1078122	Soil	0.9	28.5	49.1	100	0.3	22.9	10.2	564	2.30	47.2	1.0	2.7	3.1	17	0.4	0.7	0.4	40	0.16	0.089
1078120	Soil	0.6	36.4	108.6	269	0.7	22.9	8.7	860	2.35	125.8	1.1	35.0	6.1	14	1.9	1.0	0.4	37	0.17	0.069
1078113	Soil	0.9	26.0	10.3	229	0.1	24.8	11.0	359	2.61	95.2	0.8	14.3	6.2	21	1.4	0.6	0.7	35	0.17	0.061
1078121	Soil	1.0	22.0	44.2	128	0.1	19.3	8.3	533	2.37	69.2	0.9	26.4	2.7	13	0.5	1.0	0.4	40	0.14	0.070
1078119	Soil	1.1	13.6	52.8	100	1.0	7.5	2.9	182	1.61	31.9	0.6	3.0	0.6	7	0.8	0.5	0.5	34	0.05	0.055
1078115	Soil	0.9	30.2	12.0	123	0.4	24.7	10.5	499	2.51	109.0	1.3	7.3	5.9	38	0.6	0.6	0.5	34	0.22	0.057
1078118	Soil	0.7	31.0	53.3	176	0.1	19.1	7.0	257	2.86	255.1	1.0	9.1	6.7	18	1.5	1.0	0.9	38	0.19	0.047
1078114	Soil	0.7	31.2	11.4	131	0.3	25.3	10.4	477	2.46	112.8	1.1	8.4	6.5	40	0.8	0.7	0.5	33	0.26	0.057
1078117	Soil	0.5	76.0	86.0	762	1.2	27.5	13.1	739	3.32	377.4	1.7	13.4	10.1	48	6.9	0.7	2.1	30	0.29	0.074
1078116	Soil	0.7	67.5	65.3	294	2.2	19.3	6.3	404	2.13	169.9	1.3	8.9	5.6	20	1.7	0.9	1.4	31	0.21	0.061
1078110	Soil	1.2	20.5	17.9	107	0.2	20.2	6.5	395	2.39	87.5	1.0	13.1	2.1	20	0.9	0.6	0.5	38	0.15	0.054
1078107	Soil	0.5	20.3	14.6	211	0.2	19.5	8.0	441	2.22	49.9	0.9	1.3	4.4	22	1.4	0.6	0.3	34	0.23	0.051
1078111	Soil	0.8	35.8	17.4	121	0.2	33.1	14.6	486	2.81	156.1	1.8	13.7	9.0	43	0.7	0.7	0.9	31	0.25	0.063
1078109	Soil	1.1	30.6	37.3	130	0.4	24.6	8.1	490	2.27	94.0	1.3	7.6	5.4	29	1.0	0.7	0.5	34	0.33	0.068
1078112	Soil	0.7	18.6	10.9	96	0.2	19.1	7.8	413	2.09	84.8	0.8	16.6	2.1	28	1.2	0.5	0.3	31	0.33	0.059

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Client: **Ryan Gold Corp.**
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Project: MAY
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000276.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078138	Soil		29	29	0.46	174	0.041	3	2.13	0.011	0.21	5.6	0.06	2.3	1.0	0.10	7	1.4	<0.2
1078102	Soil		24	27	0.44	129	0.046	3	1.70	0.014	0.12	2.6	0.06	2.5	0.7	0.11	5	0.6	<0.2
1078105	Soil		21	28	0.40	188	0.037	3	1.84	0.012	0.13	4.7	0.05	2.2	0.4	0.07	6	<0.5	0.3
1078103	Soil		23	28	0.47	162	0.039	3	1.77	0.009	0.10	2.5	0.04	2.5	0.5	0.08	6	2.1	<0.2
1078101	Soil		32	28	0.47	150	0.052	3	1.88	0.023	0.24	5.0	0.04	2.6	1.0	0.15	6	0.6	<0.2
1078104	Soil		22	27	0.40	142	0.036	2	1.68	0.012	0.13	4.9	0.08	2.0	0.5	0.08	6	0.7	<0.2
1078106	Soil		17	22	0.36	142	0.027	2	1.48	0.006	0.09	0.6	0.02	1.6	0.2	0.08	5	0.8	<0.2
1078129	Soil		21	29	0.72	205	0.045	1	1.65	0.018	0.14	0.2	0.02	3.8	0.4	0.07	6	0.7	<0.2
1078130	Soil		24	21	0.37	192	0.013	<1	1.21	0.005	0.08	0.2	0.05	1.8	0.2	0.06	4	1.1	<0.2
1078126	Soil		17	42	0.54	128	0.036	2	1.18	0.008	0.11	0.4	0.04	1.5	0.3	0.06	4	0.8	<0.2
1078125	Soil		20	27	0.49	137	0.035	2	1.24	0.008	0.08	0.6	0.04	2.2	0.2	0.06	3	1.9	<0.2
1078123	Soil		27	26	0.62	166	0.031	1	1.51	0.016	0.11	0.9	0.06	2.4	0.4	0.06	5	1.4	<0.2
1078128	Soil		24	21	0.36	106	0.009	<1	1.23	0.004	0.07	0.1	0.02	1.8	0.3	0.05	4	<0.5	<0.2
1078127	Soil		17	22	0.41	105	0.023	<1	1.23	0.009	0.08	0.4	0.01	1.5	0.2	<0.05	4	1.2	0.3
1078124	Soil		29	24	0.55	106	0.034	<1	1.57	0.010	0.18	0.7	0.03	2.6	0.6	0.05	5	<0.5	<0.2
1078122	Soil		27	29	0.74	86	0.040	3	1.81	0.024	0.16	1.6	0.07	2.2	1.0	0.11	6	1.4	0.2
1078120	Soil		21	21	0.38	126	0.028	1	0.98	0.004	0.05	1.0	0.04	1.6	0.2	<0.05	3	0.5	<0.2
1078113	Soil		19	24	0.46	140	0.043	3	1.45	0.009	0.10	0.6	<0.01	2.1	0.4	0.08	5	1.0	<0.2
1078121	Soil		20	23	0.41	99	0.025	4	1.25	0.004	0.05	0.6	0.09	1.5	0.2	0.06	4	<0.5	<0.2
1078119	Soil		13	16	0.13	77	0.011	<1	0.92	0.004	0.04	0.3	0.08	0.8	0.4	0.08	4	1.0	<0.2
1078115	Soil		22	23	0.47	174	0.037	1	1.56	0.014	0.12	0.5	0.06	2.4	0.5	0.07	5	1.9	<0.2
1078118	Soil		21	21	0.34	78	0.039	<1	1.17	0.006	0.08	0.6	0.05	1.5	0.4	<0.05	4	<0.5	0.3
1078114	Soil		21	23	0.43	174	0.035	1	1.41	0.013	0.13	0.5	0.05	2.2	0.6	0.06	5	0.8	<0.2
1078117	Soil		25	25	0.93	184	0.044	2	1.99	0.013	0.37	0.6	0.02	2.6	2.0	0.07	6	0.8	<0.2
1078116	Soil		21	21	0.40	134	0.031	1	1.20	0.008	0.08	0.5	0.04	2.5	0.2	<0.05	4	<0.5	<0.2
1078110	Soil		17	25	0.40	149	0.028	2	1.52	0.008	0.09	0.3	0.02	1.7	0.3	0.09	5	0.6	<0.2
1078107	Soil		19	21	0.37	166	0.033	1	1.44	0.007	0.08	0.4	0.04	1.8	0.2	<0.05	5	<0.5	<0.2
1078111	Soil		23	24	0.56	172	0.044	<1	1.78	0.011	0.26	0.6	0.01	2.6	0.6	<0.05	5	0.8	<0.2
1078109	Soil		22	22	0.39	196	0.040	1	1.31	0.009	0.10	0.5	<0.01	2.1	0.3	<0.05	4	1.3	<0.2
1078112	Soil		16	21	0.37	200	0.024	2	1.22	0.010	0.08	0.6	0.04	1.8	0.3	0.06	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000276.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078108	Soil	1.1	18.2	23.3	98	0.1	17.2	7.6	375	2.22	83.8	1.0	1.0	2.0	21	0.5	0.6	0.3	36	0.25	0.055
1138925	Soil	0.8	20.3	54.6	83	0.9	19.0	8.7	535	2.66	104.4	0.9	16.8	2.9	10	0.2	2.8	0.4	34	0.08	0.053
1138926	Soil	0.9	23.9	23.0	75	1.1	23.5	8.5	480	2.52	29.9	1.0	12.2	6.5	10	<0.1	1.2	0.3	21	0.14	0.048
1138927	Soil	0.5	16.0	18.6	57	0.8	15.8	5.2	225	2.00	21.1	0.8	26.6	1.9	9	0.2	0.8	0.2	27	0.09	0.045
1138928	Soil	0.4	20.3	28.2	85	1.0	23.1	7.7	492	2.47	30.4	0.9	19.5	6.1	14	0.3	1.4	0.3	23	0.17	0.045
1138929	Soil	0.7	19.8	26.6	66	1.2	19.7	7.0	410	2.33	46.9	0.8	2.1	4.6	9	0.2	1.5	0.3	27	0.09	0.044
1138930	Soil	0.8	22.4	171.3	173	2.8	22.9	9.2	469	2.53	50.2	0.9	26.2	4.3	11	0.8	3.1	0.3	26	0.12	0.055
1138531	Soil	0.6	26.1	42.2	99	1.2	24.5	10.0	617	2.78	45.3	1.5	5.6	8.8	15	0.5	3.3	0.3	18	0.19	0.056
1138532	Soil	0.7	23.9	34.7	85	0.6	27.6	10.9	677	2.69	79.8	1.2	12.3	6.8	14	0.2	2.9	0.3	24	0.16	0.056
1138913	Soil	0.4	27.1	13.0	63	0.2	20.9	9.1	312	2.24	11.7	1.4	2.6	6.8	9	0.2	0.8	0.2	30	0.10	0.048
1138914	Soil	0.7	22.9	8.8	58	<0.1	18.7	5.1	189	2.01	10.6	1.2	8.2	6.5	9	0.3	0.7	0.2	27	0.10	0.052
1138915	Soil	0.8	24.9	10.8	67	0.1	20.8	6.4	266	2.26	11.7	1.2	6.7	4.1	10	0.4	0.8	0.2	32	0.08	0.052
1138916	Soil	0.8	21.8	12.4	66	0.2	19.9	5.8	233	2.28	10.7	1.3	1.9	3.1	8	<0.1	0.9	0.2	31	0.08	0.049
1138917	Soil	0.7	20.3	11.4	67	0.2	20.4	6.7	242	2.37	10.3	1.2	<0.5	2.8	9	0.4	0.9	0.2	34	0.07	0.050
1138918	Soil	0.8	21.3	10.8	67	0.3	21.6	5.9	239	2.20	11.0	1.2	7.0	3.4	8	0.1	0.9	0.2	31	0.08	0.046
1138919	Soil	0.8	23.6	11.5	68	0.2	21.0	7.6	277	2.33	11.8	1.1	2.0	4.9	10	0.2	1.1	0.2	33	0.10	0.041
1138920	Soil	0.8	16.4	13.2	65	0.3	17.9	7.1	272	2.32	11.5	1.1	1.2	1.4	10	0.2	0.9	0.2	39	0.12	0.062
1138921	Soil	0.4	19.7	16.7	70	0.4	20.2	6.5	329	2.35	15.8	1.1	0.9	2.9	7	0.4	1.2	0.2	30	0.06	0.044
1138923	Soil	0.5	17.7	30.9	72	0.4	20.3	9.2	512	2.30	44.8	0.8	11.9	2.9	11	0.4	1.4	0.2	29	0.12	0.059
1138922	Soil	0.7	18.3	17.7	63	0.3	18.3	5.7	291	2.31	27.0	0.9	6.4	2.3	8	0.2	1.1	0.2	28	0.07	0.041
1138924	Soil	0.7	19.4	30.0	66	0.5	21.8	9.7	540	2.47	46.9	0.8	12.8	3.3	12	0.3	1.2	0.2	30	0.14	0.059
1138901	Soil	0.5	30.9	20.3	61	0.1	26.5	13.0	724	2.56	8.6	0.8	0.9	7.9	9	0.2	0.9	0.2	24	0.09	0.044
1138902	Soil	0.7	23.0	16.8	51	0.1	22.1	8.3	324	2.44	11.2	0.7	<0.5	6.3	7	0.2	1.0	0.1	33	0.07	0.028
1138903	Soil	0.8	42.3	40.8	73	<0.1	34.3	19.4	629	3.04	17.3	1.4	<0.5	9.8	7	<0.1	0.9	0.5	26	0.05	0.031
1138904	Soil	0.7	17.2	17.0	47	<0.1	22.3	9.6	268	2.31	14.4	0.6	7.5	5.6	8	<0.1	1.1	0.2	32	0.09	0.024
1138905	Soil	0.6	26.7	15.3	59	<0.1	25.8	11.2	330	2.61	12.8	1.0	0.7	6.6	7	<0.1	0.9	0.2	26	0.06	0.028
1138906	Soil	0.7	26.1	15.5	59	<0.1	22.6	8.0	207	2.53	12.5	1.0	1.4	3.0	7	0.1	0.6	0.2	29	0.07	0.038
1138907	Soil	1.0	20.6	13.0	54	<0.1	22.9	12.7	379	2.30	11.5	1.0	1.6	5.1	11	0.2	0.8	0.1	32	0.10	0.048
1138908	Soil	0.9	23.0	13.5	63	<0.1	24.3	10.6	298	2.68	11.6	0.8	1.9	5.6	11	<0.1	0.6	0.1	30	0.13	0.057
1138909	Soil	0.9	21.1	11.1	58	<0.1	19.7	9.3	332	2.31	12.3	0.9	<0.5	2.8	11	<0.1	0.8	0.1	36	0.11	0.057

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078108	Soil	18	21	0.39	162	0.028	<1	1.36	0.007	0.07	0.4	0.03	1.7	0.2	<0.05	4	1.2	<0.2
1138925	Soil	24	21	0.36	108	0.015	1	1.39	0.004	0.06	0.2	0.04	1.5	0.2	<0.05	4	1.0	<0.2
1138926	Soil	38	14	0.29	100	0.013	<1	0.96	0.004	0.05	0.3	0.02	1.4	0.1	<0.05	3	0.6	<0.2
1138927	Soil	26	16	0.32	91	0.011	1	1.16	0.003	0.05	0.2	0.02	0.9	0.2	<0.05	3	<0.5	<0.2
1138928	Soil	33	18	0.40	146	0.011	2	1.20	0.005	0.06	0.1	<0.01	1.5	0.2	<0.05	3	0.6	<0.2
1138929	Soil	30	17	0.37	85	0.010	1	1.31	0.004	0.06	0.2	0.04	1.5	0.2	<0.05	4	<0.5	<0.2
1138930	Soil	27	17	0.36	94	0.012	2	1.12	0.004	0.06	0.2	0.02	1.1	0.2	<0.05	3	<0.5	<0.2
1138531	Soil	41	15	0.38	103	0.008	<1	1.21	0.004	0.08	0.2	0.04	1.4	0.2	<0.05	3	<0.5	<0.2
1138532	Soil	35	18	0.41	144	0.013	1	1.30	0.005	0.07	0.2	0.03	1.6	0.2	<0.05	4	<0.5	<0.2
1138913	Soil	28	20	0.41	192	0.032	2	1.33	0.005	0.05	0.2	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
1138914	Soil	26	17	0.31	92	0.036	1	1.08	0.004	0.04	0.5	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
1138915	Soil	27	19	0.36	147	0.035	2	1.34	0.006	0.05	0.2	0.04	2.6	0.1	<0.05	4	<0.5	<0.2
1138916	Soil	27	19	0.37	129	0.031	3	1.47	0.004	0.05	0.2	0.04	2.1	<0.1	<0.05	4	1.7	<0.2
1138917	Soil	26	22	0.37	129	0.028	3	1.57	0.004	0.05	0.2	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1138918	Soil	25	21	0.38	126	0.028	<1	1.45	0.004	0.05	0.1	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1138919	Soil	28	22	0.40	213	0.033	2	1.55	0.004	0.05	0.2	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
1138920	Soil	21	25	0.44	107	0.024	<1	1.66	0.006	0.06	0.2	0.04	1.5	0.1	<0.05	4	<0.5	<0.2
1138921	Soil	30	20	0.43	107	0.019	2	1.48	0.004	0.05	0.1	0.03	1.5	0.2	<0.05	5	<0.5	<0.2
1138923	Soil	22	17	0.34	75	0.019	2	1.03	0.004	0.05	0.3	0.03	1.2	0.1	<0.05	3	<0.5	<0.2
1138922	Soil	28	19	0.42	90	0.014	<1	1.43	0.005	0.05	0.2	0.03	1.1	0.2	<0.05	4	<0.5	<0.2
1138924	Soil	23	17	0.33	78	0.019	2	0.99	0.004	0.05	0.3	0.04	1.1	0.1	<0.05	4	<0.5	<0.2
1138901	Soil	30	20	0.51	95	0.008	2	1.62	0.003	0.04	0.2	0.02	1.2	0.1	<0.05	4	<0.5	<0.2
1138902	Soil	21	21	0.37	77	0.023	1	1.38	0.003	0.04	0.2	0.03	1.4	0.2	<0.05	4	<0.5	0.3
1138903	Soil	46	21	0.55	73	0.015	1	1.60	0.004	0.05	<0.1	0.04	1.6	<0.1	<0.05	4	1.0	<0.2
1138904	Soil	17	18	0.32	110	0.021	<1	1.16	0.004	0.05	0.3	0.04	1.4	0.1	<0.05	3	<0.5	<0.2
1138905	Soil	33	20	0.46	70	0.014	1	1.60	0.004	0.06	0.1	0.05	1.6	0.1	<0.05	4	<0.5	<0.2
1138906	Soil	33	18	0.43	69	0.015	<1	1.36	0.004	0.05	0.2	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1138907	Soil	25	20	0.43	107	0.025	<1	1.31	0.005	0.05	0.2	0.04	1.7	0.1	<0.05	4	<0.5	<0.2
1138908	Soil	30	21	0.48	80	0.026	2	1.43	0.005	0.06	0.2	0.05	1.5	<0.1	<0.05	4	<0.5	<0.2
1138909	Soil	19	20	0.38	106	0.028	<1	1.26	0.005	0.05	0.3	0.04	2.1	<0.1	0.05	4	0.6	0.3

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1138910	Soil		0.7	24.4	14.1	57	<0.1	24.9	10.9	434	2.53	14.3	0.9	6.9	4.7	8	0.2	1.1	0.2	31	0.07	0.039
1138911	Soil		0.9	29.0	13.4	65	0.2	26.1	10.5	383	2.54	12.8	1.5	11.6	7.1	16	<0.1	0.7	0.1	36	0.15	0.061
1138912	Soil		1.0	21.0	9.5	60	0.1	20.1	7.1	263	2.18	10.2	1.1	1.0	3.9	13	<0.1	0.7	0.1	35	0.17	0.070
1143563	Soil		0.8	22.8	27.0	71	0.8	21.8	10.2	596	3.03	74.7	1.3	11.9	2.1	11	0.2	1.3	0.3	39	0.11	0.067
1143562	Soil		0.5	31.1	118.7	165	4.4	34.5	15.9	1596	2.72	353.1	1.2	49.8	18.0	11	1.1	2.5	1.3	11	0.18	0.051
1143564	Soil		0.5	31.3	29.8	77	0.7	36.9	12.9	587	2.80	131.9	1.8	53.0	7.5	12	0.3	1.3	0.4	17	0.21	0.051
1143565	Soil		0.9	25.2	16.8	74	0.3	31.0	9.4	399	2.52	69.5	1.1	9.3	8.5	21	0.2	1.2	0.2	32	0.31	0.077
1143567	Soil		0.8	25.4	31.3	58	0.4	18.6	14.3	787	2.46	49.8	1.0	9.6	2.7	13	0.1	0.9	0.2	30	0.14	0.082
1143566	Soil		0.9	25.8	38.3	92	1.4	26.3	10.8	858	2.92	152.3	1.4	14.3	3.0	17	0.2	2.7	0.4	34	0.29	0.071
1143569	Soil		0.7	14.7	25.2	51	0.2	14.1	5.7	457	2.24	86.1	0.6	4.4	4.0	10	0.1	0.8	0.1	26	0.10	0.044
1143568	Soil		0.6	20.8	31.9	85	1.2	18.5	7.5	443	2.31	67.0	1.2	17.9	3.8	19	0.5	1.0	0.3	28	0.19	0.061
1143573	Soil		0.7	24.4	17.4	73	0.2	28.5	9.6	432	2.27	33.7	1.6	8.9	7.3	15	0.3	0.5	0.2	28	0.19	0.054
1143570	Soil		1.0	30.3	31.1	59	0.9	29.3	16.2	2103	2.63	267.6	2.2	64.6	17.8	19	0.2	2.4	0.4	15	0.19	0.052
1143571	Soil		1.4	37.0	40.9	67	0.3	34.5	15.2	627	2.75	44.3	2.4	15.3	15.7	21	0.1	0.9	0.4	15	0.30	0.058
1143572	Soil		0.7	33.3	31.9	78	0.4	34.7	15.1	739	2.95	111.8	1.7	39.0	13.7	19	0.3	1.4	0.3	24	0.28	0.063
1143560	Soil		0.6	29.9	39.5	91	1.0	33.0	12.6	709	3.12	159.8	1.6	37.3	14.5	15	0.3	2.0	0.4	16	0.21	0.057
1143561	Soil		0.7	24.7	47.0	87	3.0	21.3	9.6	907	3.18	85.4	1.5	13.3	4.4	15	0.2	1.7	0.4	25	0.25	0.072
1143559	Soil		1.0	16.9	23.7	61	0.8	16.2	7.8	813	2.48	65.8	1.1	10.0	1.2	12	0.3	1.2	0.3	37	0.12	0.063
1143556	Soil		0.6	26.9	47.2	87	1.3	24.7	10.9	455	2.75	130.4	1.1	24.7	7.4	11	0.5	1.9	0.3	24	0.12	0.051
1143558	Soil		0.8	21.7	22.7	71	0.4	21.9	9.6	443	2.63	51.3	1.1	34.0	3.6	12	0.1	1.1	0.3	31	0.14	0.055
1138722	Soil		0.7	30.0	11.6	71	0.2	25.7	9.2	402	2.26	13.4	1.3	9.0	6.6	14	0.4	0.9	0.2	34	0.15	0.067
1138726	Soil		0.8	19.1	14.1	63	0.1	18.0	7.6	327	2.24	12.7	1.0	6.1	1.7	8	0.1	0.8	0.2	34	0.08	0.057
1138727	Soil		0.7	26.0	12.3	67	0.1	20.5	7.6	355	2.20	13.5	1.3	4.3	6.5	9	0.2	0.9	0.2	32	0.10	0.059
1138725	Soil		0.7	23.9	12.8	72	0.1	23.2	8.1	305	2.43	12.4	1.3	4.6	3.8	12	0.2	0.8	0.2	37	0.12	0.058
1138723	Soil		0.8	21.5	11.5	63	0.1	19.0	6.7	212	2.10	10.7	1.2	10.8	3.3	11	0.3	0.7	0.2	35	0.11	0.054
1138730	Soil		0.8	19.4	12.5	65	0.2	20.0	6.7	290	2.30	11.2	1.1	2.9	2.6	11	0.3	0.9	0.2	37	0.09	0.044
1138732	Soil		0.6	12.5	14.8	57	0.4	14.7	5.3	294	2.22	14.3	0.8	2.3	1.0	7	0.2	1.0	0.2	33	0.07	0.057
1138729	Soil		0.9	20.5	13.8	69	0.2	19.9	6.7	268	2.32	11.9	1.1	5.0	3.4	8	0.2	1.0	0.1	38	0.07	0.042
1138728	Soil		0.7	19.5	10.7	64	0.1	18.5	6.2	261	2.18	10.3	1.1	5.2	3.4	8	0.2	0.8	0.2	35	0.08	0.047
1138731	Soil		0.9	18.9	13.0	66	0.2	20.0	6.9	290	2.33	11.3	1.1	2.8	2.5	11	0.3	0.9	0.2	40	0.09	0.045

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000276.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1138910	Soil		27	19	0.36	96	0.025	1	1.24	0.004	0.04	0.3	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1138911	Soil		31	23	0.47	175	0.039	2	1.44	0.006	0.06	0.2	0.02	2.7	0.1	<0.05	4	<0.5	<0.2
1138912	Soil		21	21	0.41	99	0.033	1	1.17	0.005	0.05	0.3	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
1143563	Soil		26	26	0.45	141	0.015	<1	1.65	0.005	0.07	0.2	0.04	1.7	0.2	<0.05	5	<0.5	<0.2
1143562	Soil		50	10	0.36	78	0.004	1	1.03	0.003	0.09	<0.1	0.03	1.6	0.4	<0.05	2	0.8	<0.2
1143564	Soil		38	13	0.30	157	0.011	1	0.99	0.004	0.05	0.1	0.02	1.7	0.1	<0.05	2	<0.5	<0.2
1143565	Soil		30	19	0.40	173	0.031	1	1.05	0.008	0.07	0.5	0.04	2.3	<0.1	<0.05	3	<0.5	<0.2
1143567	Soil		23	17	0.29	130	0.011	1	1.11	0.005	0.09	0.4	0.09	1.0	0.2	<0.05	3	1.0	<0.2
1143566	Soil		29	22	0.43	203	0.011	2	1.63	0.007	0.08	0.2	0.05	1.6	0.2	<0.05	5	<0.5	<0.2
1143569	Soil		28	15	0.25	72	0.012	2	0.92	0.004	0.07	0.3	0.07	0.9	0.2	<0.05	3	<0.5	<0.2
1143568	Soil		28	17	0.31	189	0.012	2	1.18	0.005	0.10	0.4	0.08	1.3	0.2	<0.05	4	<0.5	<0.2
1143573	Soil		28	18	0.39	205	0.028	1	1.06	0.006	0.07	0.2	0.05	2.6	0.1	<0.05	3	<0.5	<0.2
1143570	Soil		40	12	0.31	109	0.007	1	0.96	0.004	0.10	0.3	0.03	1.6	0.3	<0.05	2	0.6	<0.2
1143571	Soil		47	20	0.44	86	0.005	1	1.19	0.005	0.11	0.2	0.05	1.4	0.1	<0.05	3	<0.5	<0.2
1143572	Soil		34	18	0.33	121	0.010	1	0.94	0.005	0.07	0.5	0.04	1.7	0.2	<0.05	3	<0.5	<0.2
1143560	Soil		43	13	0.33	80	0.010	2	0.97	0.004	0.06	0.1	0.03	1.9	0.1	<0.05	3	0.6	<0.2
1143561	Soil		35	15	0.27	192	0.007	1	1.22	0.006	0.06	0.1	0.05	1.7	0.2	<0.05	3	0.7	<0.2
1143559	Soil		19	21	0.31	192	0.013	2	1.32	0.005	0.05	0.2	0.05	1.4	0.2	<0.05	5	0.5	<0.2
1143556	Soil		31	18	0.43	114	0.012	3	1.29	0.004	0.06	0.1	0.04	1.4	0.1	<0.05	3	<0.5	<0.2
1143558	Soil		28	21	0.43	122	0.018	2	1.31	0.004	0.05	0.2	0.04	1.6	0.2	<0.05	4	0.6	<0.2
1138722	Soil		20	20	0.34	255	0.045	1	1.22	0.005	0.07	0.2	0.02	3.7	<0.1	<0.05	3	<0.5	<0.2
1138726	Soil		23	21	0.35	107	0.023	<1	1.35	0.005	0.04	0.2	0.03	1.4	0.1	<0.05	4	<0.5	<0.2
1138727	Soil		23	19	0.32	135	0.041	1	1.25	0.005	0.05	0.2	0.03	2.8	<0.1	<0.05	3	<0.5	<0.2
1138725	Soil		28	23	0.42	236	0.035	2	1.53	0.006	0.05	0.2	0.04	2.6	0.1	<0.05	4	<0.5	<0.2
1138723	Soil		23	21	0.36	108	0.038	2	1.34	0.005	0.06	0.1	0.03	2.3	0.1	<0.05	4	0.6	<0.2
1138730	Soil		23	23	0.34	190	0.032	<1	1.51	0.004	0.04	0.2	0.06	2.0	0.1	<0.05	4	<0.5	<0.2
1138732	Soil		23	21	0.35	89	0.015	<1	1.38	0.004	0.04	0.2	0.03	0.8	0.1	<0.05	5	<0.5	<0.2
1138729	Soil		23	22	0.33	102	0.037	<1	1.51	0.003	0.04	0.1	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
1138728	Soil		23	21	0.32	107	0.036	<1	1.41	0.004	0.05	0.1	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1138731	Soil		25	24	0.34	183	0.035	2	1.62	0.005	0.05	0.1	0.04	2.0	0.1	<0.05	4	<0.5	<0.2

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Project: MAY
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000276.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1138724	Soil	0.7	20.3	12.4	63	0.1	19.3	6.6	190	2.18	10.6	1.2	3.6	3.5	9	0.1	0.7	0.2	31	0.09	0.046
1143552	Soil	0.6	26.3	113.0	120	4.1	24.1	9.5	535	2.70	148.1	1.2	36.6	8.1	14	0.7	2.0	0.3	23	0.16	0.065
1138721	Soil	1.1	28.6	17.7	69	0.2	22.6	9.3	331	2.85	19.2	1.6	3.0	2.5	11	0.3	0.9	0.3	38	0.11	0.071
1143557	Soil	0.5	25.2	94.0	105	3.1	23.0	9.0	431	2.62	189.5	1.1	27.7	5.8	11	0.3	2.4	0.3	24	0.11	0.053
1143554	Soil	0.7	22.3	207.0	274	17.9	19.4	7.7	592	2.39	162.4	1.1	86.3	3.5	14	2.5	3.2	0.2	33	0.16	0.066
1143555	Soil	0.4	22.9	87.8	178	5.7	23.3	9.5	677	2.47	133.2	0.9	42.2	9.2	10	0.8	2.5	0.3	20	0.13	0.049
1143553	Soil	0.6	15.7	110.0	257	7.9	18.1	7.3	865	1.81	238.4	1.0	34.0	10.0	13	3.1	2.8	0.2	19	0.15	0.049
1143551	Soil	0.5	26.2	58.0	113	1.8	29.1	12.3	653	2.86	180.6	1.2	22.3	9.9	14	0.6	1.7	0.6	22	0.15	0.048
1138735	Soil	0.7	22.7	47.9	74	4.4	30.5	14.5	1054	2.78	155.2	1.4	29.3	9.0	16	0.3	3.1	0.4	24	0.21	0.057
1138738	Soil	0.3	34.4	34.7	112	2.3	27.2	9.1	397	2.78	116.5	1.2	18.2	14.6	12	0.4	2.7	0.3	15	0.15	0.041
1138733	Soil	0.7	28.7	26.2	88	1.2	23.2	9.6	728	2.98	86.5	1.5	14.5	4.3	9	0.2	1.8	0.3	28	0.08	0.063
1138737	Soil	0.5	23.6	30.3	80	0.9	26.6	11.1	656	2.60	52.1	1.3	18.5	10.1	16	0.1	1.1	0.3	18	0.21	0.055
1138739	Soil	0.7	15.3	81.8	147	4.5	18.4	11.6	724	2.52	114.8	0.7	34.7	7.7	9	0.7	3.6	0.2	34	0.07	0.031
1138736	Soil	0.4	24.4	31.8	88	0.8	29.1	11.8	633	2.77	30.9	1.4	4.1	11.8	15	0.3	0.9	0.3	16	0.17	0.053
1138734	Soil	0.7	25.4	25.3	82	1.2	25.4	10.6	641	2.83	68.1	1.3	17.9	6.8	12	0.2	1.4	0.3	24	0.18	0.053
1138717	Soil	0.9	21.2	13.8	56	0.1	21.4	7.7	265	2.45	12.5	1.0	6.3	4.4	9	0.1	0.7	0.2	30	0.08	0.042
1138720	Soil	0.6	22.8	10.8	55	0.2	19.4	7.6	277	2.02	10.7	1.0	6.1	5.0	12	0.1	0.7	0.1	30	0.15	0.058
1138719	Soil	0.8	22.4	18.7	56	0.1	20.3	8.1	374	2.45	12.8	1.1	19.8	1.6	11	0.2	0.8	0.2	31	0.12	0.065
1138716	Soil	0.9	16.1	13.0	49	<0.1	18.9	8.6	357	2.37	12.0	0.7	5.8	3.5	7	0.1	0.8	0.2	34	0.07	0.030
1138718	Soil	1.1	21.6	14.1	64	<0.1	22.1	9.5	398	2.62	11.4	0.9	4.3	4.6	13	0.2	0.8	0.2	38	0.16	0.072
1138709	Soil	0.7	31.5	17.3	67	<0.1	30.8	14.5	422	2.49	12.1	1.1	2.5	7.0	9	0.2	1.1	0.3	27	0.10	0.044
1138712	Soil	0.6	39.8	23.2	74	<0.1	39.1	19.4	784	2.88	17.9	1.4	2.0	10.5	10	0.2	1.6	0.3	25	0.15	0.058
1138713	Soil	0.8	33.8	15.9	60	<0.1	30.8	15.1	462	2.72	16.0	1.4	22.4	7.5	8	0.2	1.1	0.2	37	0.08	0.041
1138715	Soil	1.0	22.8	19.5	52	<0.1	21.1	10.5	385	2.70	12.9	1.4	2.1	3.0	11	0.2	0.7	0.2	38	0.11	0.049
1138714	Soil	1.0	32.5	21.1	72	0.1	28.3	13.6	648	2.99	19.4	1.6	1.8	7.7	9	0.2	0.9	0.3	34	0.09	0.052
1138711	Soil	0.6	30.5	22.3	61	0.2	26.5	12.3	609	2.60	21.5	1.2	3.3	6.3	9	0.2	1.4	0.2	26	0.12	0.054
1138710	Soil	1.0	22.2	17.1	54	0.2	19.7	8.3	318	2.52	12.0	0.7	0.8	5.9	7	0.1	1.0	0.2	33	0.09	0.038
1079985	Soil	1.3	39.9	43.7	75	0.2	25.3	13.0	406	3.22	21.1	2.7	6.1	10.8	15	0.2	2.6	0.5	28	0.15	0.065
1079984	Soil	0.9	31.2	33.3	78	0.8	28.1	13.2	591	2.91	30.5	1.6	2.7	3.9	15	0.1	2.4	0.3	29	0.17	0.062
1079989	Soil	0.6	36.1	39.9	102	1.8	29.9	11.7	1176	2.73	141.2	1.8	9.1	12.2	12	0.3	3.3	0.3	23	0.15	0.049

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1138724	Soil		24	21	0.38	153	0.026	<1	1.38	0.006	0.04	0.2	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1143552	Soil		34	16	0.37	147	0.011	<1	1.14	0.005	0.08	0.3	0.05	1.5	0.2	<0.05	3	0.5	<0.2
1138721	Soil		23	25	0.41	231	0.020	<1	1.65	0.005	0.06	0.2	0.04	2.2	0.2	<0.05	5	<0.5	<0.2
1143557	Soil		32	19	0.45	114	0.008	<1	1.41	0.007	0.05	0.1	0.04	1.5	0.2	<0.05	4	<0.5	<0.2
1143554	Soil		23	19	0.33	121	0.025	2	1.07	0.005	0.06	0.4	0.05	1.7	0.1	<0.05	3	0.5	<0.2
1143555	Soil		33	16	0.39	94	0.011	<1	1.08	0.003	0.05	0.2	0.03	1.4	0.2	<0.05	3	0.6	<0.2
1143553	Soil		26	12	0.30	89	0.016	1	0.81	0.005	0.06	0.2	0.03	1.5	0.1	<0.05	2	0.7	<0.2
1143551	Soil		37	16	0.37	158	0.012	<1	1.20	0.004	0.08	0.2	0.04	1.7	0.1	<0.05	3	<0.5	<0.2
1138735	Soil		35	16	0.34	134	0.016	1	1.05	0.004	0.07	0.3	0.04	1.9	0.2	<0.05	3	0.5	<0.2
1138738	Soil		50	17	0.52	97	0.005	<1	1.46	0.003	0.07	<0.1	0.02	1.7	0.2	<0.05	4	<0.5	<0.2
1138733	Soil		33	22	0.41	130	0.009	<1	1.60	0.004	0.06	0.1	0.04	1.7	0.3	<0.05	4	<0.5	<0.2
1138737	Soil		39	14	0.32	120	0.014	1	1.01	0.004	0.09	0.2	0.04	1.6	0.2	<0.05	3	<0.5	<0.2
1138739	Soil		22	17	0.26	74	0.018	<1	1.49	0.004	0.04	0.1	0.05	1.5	0.2	<0.05	5	<0.5	<0.2
1138736	Soil		43	14	0.34	121	0.010	2	1.03	0.005	0.07	0.1	0.02	1.6	0.1	<0.05	3	<0.5	<0.2
1138734	Soil		35	17	0.33	144	0.013	<1	1.11	0.004	0.06	0.2	0.08	1.7	0.1	<0.05	3	<0.5	<0.2
1138717	Soil		28	20	0.41	83	0.022	<1	1.26	0.004	0.05	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1138720	Soil		22	19	0.36	93	0.034	<1	1.11	0.005	0.04	0.3	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
1138719	Soil		26	21	0.36	122	0.018	1	1.25	0.005	0.05	0.3	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1138716	Soil		17	20	0.30	65	0.026	<1	1.10	0.004	0.04	0.2	0.02	1.5	<0.1	0.06	3	0.6	<0.2
1138718	Soil		24	22	0.38	76	0.031	<1	1.07	0.004	0.05	0.4	0.01	1.6	<0.1	<0.05	4	0.5	<0.2
1138709	Soil		31	21	0.48	94	0.020	<1	1.34	0.003	0.04	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1138712	Soil		40	22	0.51	107	0.012	<1	1.33	0.003	0.04	0.3	0.02	1.3	0.1	<0.05	4	0.6	<0.2
1138713	Soil		23	24	0.36	99	0.027	1	1.39	0.004	0.04	0.5	0.06	1.9	<0.1	<0.05	3	0.9	<0.2
1138715	Soil		29	22	0.36	92	0.018	<1	1.27	0.004	0.04	0.2	0.03	1.2	<0.1	<0.05	4	0.8	<0.2
1138714	Soil		41	23	0.41	105	0.019	<1	1.37	0.005	0.06	0.3	0.03	1.5	<0.1	<0.05	4	0.8	<0.2
1138711	Soil		29	20	0.43	99	0.013	<1	1.37	0.004	0.04	0.2	0.04	1.5	<0.1	<0.05	3	0.8	<0.2
1138710	Soil		23	20	0.35	76	0.019	<1	1.27	0.004	0.04	0.3	0.03	1.4	0.1	<0.05	4	0.8	<0.2
1079985	Soil		38	21	0.47	105	0.023	<1	1.28	0.005	0.06	0.2	0.03	1.7	0.1	<0.05	4	0.7	<0.2
1079984	Soil		32	22	0.43	138	0.010	<1	1.41	0.004	0.06	0.2	0.03	1.3	0.1	<0.05	4	0.8	<0.2
1079989	Soil		38	17	0.33	106	0.012	<1	1.08	0.004	0.06	0.3	0.05	2.1	0.1	<0.05	3	1.0	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000276.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1079981	Soil	0.8	41.0	52.5	95	2.4	45.8	23.5	1095	2.92	34.0	2.1	4.0	11.1	14	0.4	2.8	0.4	25	0.16	0.069
1079978	Soil	0.9	20.4	81.5	227	4.3	23.2	8.7	3199	2.74	361.4	1.8	19.5	5.9	11	1.5	6.8	0.2	27	0.10	0.046
1079986	Soil	0.9	26.2	23.5	68	0.4	20.8	11.0	511	2.63	38.8	1.3	7.6	5.9	10	0.2	1.8	0.2	37	0.12	0.060
1079983	Soil	0.8	28.4	23.7	72	0.1	26.1	12.6	602	2.86	15.8	1.2	6.8	6.9	9	0.2	1.6	0.2	34	0.12	0.060
1079982	Soil	0.7	39.2	24.5	78	0.3	32.1	14.4	476	2.98	24.5	2.1	4.7	7.5	11	0.2	1.8	0.3	28	0.11	0.059
1079988	Soil	0.5	36.6	23.4	79	0.5	34.1	16.8	1070	3.11	22.7	1.7	14.8	13.8	11	0.2	1.2	0.3	21	0.14	0.056
1079987	Soil	0.6	35.9	22.1	72	0.2	32.9	17.6	632	2.82	16.6	1.5	1.4	9.9	12	0.1	1.0	0.3	27	0.16	0.057
1079980	Soil	0.6	46.3	46.2	116	1.2	53.5	30.6	1511	3.48	73.7	2.3	5.9	16.3	11	0.4	3.3	0.4	19	0.12	0.054
1079979	Soil	0.8	67.5	72.2	178	4.0	37.2	15.4	2104	3.25	108.0	2.3	12.2	10.9	15	0.9	2.7	0.4	23	0.15	0.057
1079687	Soil	0.7	25.2	20.9	62	0.4	27.1	12.1	687	2.46	23.6	1.1	3.6	6.3	14	0.3	0.8	0.3	25	0.14	0.048
1079994	Soil	0.8	27.3	19.5	71	0.3	19.4	9.1	424	2.42	32.4	1.1	8.3	3.4	10	0.3	0.9	0.3	34	0.11	0.062
1079688	Soil	0.7	23.2	15.0	56	0.3	23.8	11.1	494	2.41	31.7	1.2	2.5	5.6	9	0.3	1.0	0.3	27	0.10	0.052
1079997	Soil	0.6	23.4	18.9	76	0.2	23.6	10.1	471	2.38	24.9	1.5	4.0	8.0	11	0.3	0.7	0.3	32	0.13	0.057
1079996	Soil	0.6	20.7	19.7	68	0.2	20.5	8.1	407	2.33	26.8	1.0	23.0	4.0	13	0.3	0.7	0.3	33	0.17	0.043
1079995	Soil	0.9	26.9	20.6	78	0.3	28.1	10.8	464	2.50	36.3	1.5	5.7	5.8	12	0.4	0.9	0.3	32	0.15	0.063
1079998	Soil	0.3	55.9	64.6	103	0.8	40.1	24.1	950	3.17	119.3	1.1	24.4	20.7	21	0.3	0.9	0.6	13	0.26	0.045
1138884	Soil	1.0	19.4	43.0	90	0.8	24.8	9.7	954	2.32	40.2	1.3	6.9	5.3	12	0.6	1.8	0.2	38	0.12	0.040
1079685	Soil	0.6	27.9	19.6	66	0.4	26.2	10.3	424	2.38	24.8	1.2	23.7	8.1	14	0.5	0.9	0.3	31	0.16	0.069
1079993	Soil	0.7	30.4	37.6	88	0.5	25.5	10.3	460	2.69	68.9	1.7	4.4	10.9	10	0.3	1.6	0.4	30	0.12	0.062
1079990	Soil	0.6	22.1	16.9	64	0.2	19.2	7.8	316	2.46	22.6	1.2	3.8	4.4	10	0.1	0.7	0.3	35	0.09	0.048
1079992	Soil	0.5	18.8	17.8	55	0.2	14.2	5.0	196	2.27	18.8	1.1	22.6	2.4	10	<0.1	0.7	0.2	36	0.10	0.054
1138535	Soil	0.7	25.2	75.4	246	6.3	21.7	11.4	1493	2.69	114.6	1.4	6.1	3.4	8	0.7	4.6	0.3	29	0.06	0.055
1138883	Soil	0.8	20.7	22.3	72	0.1	22.4	11.0	680	2.57	22.3	0.9	3.1	3.3	10	0.4	0.9	0.2	34	0.10	0.047
1079991	Soil	0.7	22.2	16.0	60	0.3	17.1	6.0	235	2.31	17.4	1.3	16.5	3.7	10	0.2	0.7	0.2	35	0.12	0.059
1079684	Soil	0.6	29.0	17.9	78	0.4	24.4	9.1	372	2.66	25.1	1.5	4.2	7.1	13	0.4	0.9	0.4	34	0.13	0.068
1138742	Soil	0.5	52.4	1609	453	38.6	17.6	6.8	2588	2.62	800.4	2.5	61.0	8.8	20	2.8	42.2	0.6	19	0.10	0.058
1079686	Soil	0.7	27.0	25.2	64	0.7	24.7	9.9	433	2.55	33.9	1.3	2.8	3.9	12	0.4	0.9	0.4	26	0.10	0.064
1079999	Soil	0.4	55.8	73.6	98	0.9	40.8	21.4	905	3.02	135.9	0.9	32.0	18.7	20	0.2	1.0	0.7	12	0.26	0.045
1143692	Soil	2.0	118.8	10.6	822	0.4	22.0	8.7	405	2.73	232.8	2.4	10.7	3.4	36	10.1	0.6	2.9	44	0.21	0.072
1143693	Soil	4.6	148.1	14.6	999	0.5	31.0	11.2	414	3.44	291.8	4.8	8.7	9.4	64	7.7	0.7	3.3	56	0.18	0.062

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1079981	Soil	41	20	0.50	149	0.019	<1	1.28	0.004	0.05	0.2	0.04	1.7	0.1	<0.05	3	0.5	<0.2
1079978	Soil	29	18	0.23	143	0.010	1	1.12	0.007	0.07	0.3	0.04	1.7	0.2	<0.05	3	0.9	<0.2
1079986	Soil	28	22	0.36	92	0.022	<1	1.21	0.004	0.05	0.5	0.04	1.4	0.1	<0.05	4	0.7	<0.2
1079983	Soil	34	23	0.44	87	0.023	<1	1.39	0.004	0.04	0.2	0.03	1.5	<0.1	<0.05	4	0.9	<0.2
1079982	Soil	37	22	0.53	100	0.020	<1	1.39	0.005	0.05	0.3	0.03	1.6	<0.1	<0.05	4	1.2	<0.2
1079988	Soil	49	21	0.59	116	0.013	<1	1.55	0.003	0.06	0.2	0.01	1.8	0.1	<0.05	4	0.5	<0.2
1079987	Soil	41	22	0.54	104	0.015	<1	1.42	0.004	0.05	0.2	0.02	1.5	0.1	<0.05	4	0.7	<0.2
1079980	Soil	49	19	0.60	131	0.006	<1	1.64	0.008	0.07	<0.1	<0.01	1.9	0.2	<0.05	3	1.0	<0.2
1079979	Soil	41	19	0.36	249	0.013	1	1.29	0.004	0.08	0.2	0.03	2.2	0.2	<0.05	3	0.8	<0.2
1079687	Soil	33	17	0.35	146	0.018	<1	1.10	0.005	0.05	0.2	0.04	1.8	0.1	<0.05	3	0.6	<0.2
1079994	Soil	25	21	0.38	96	0.025	<1	1.21	0.005	0.05	0.3	0.03	1.5	0.1	<0.05	4	0.8	<0.2
1079688	Soil	38	19	0.39	97	0.019	<1	1.27	0.004	0.06	0.1	0.04	1.4	0.2	<0.05	3	0.8	<0.2
1079997	Soil	30	22	0.41	98	0.036	<1	1.25	0.005	0.06	0.3	0.04	2.4	0.1	<0.05	3	0.8	<0.2
1079996	Soil	26	21	0.37	95	0.026	<1	1.14	0.005	0.05	0.3	0.02	1.4	0.1	<0.05	3	0.9	<0.2
1079995	Soil	32	20	0.39	95	0.028	<1	1.18	0.005	0.05	0.3	0.03	1.8	0.1	<0.05	3	1.2	<0.2
1079998	Soil	54	26	0.89	69	0.002	<1	1.84	0.003	0.07	<0.1	0.01	1.4	0.1	<0.05	4	0.8	<0.2
1138884	Soil	20	20	0.33	96	0.038	1	1.21	0.006	0.06	0.2	0.04	1.7	0.2	<0.05	4	1.0	<0.2
1079685	Soil	33	20	0.37	116	0.031	2	1.09	0.005	0.06	0.4	0.03	2.0	<0.1	<0.05	3	0.5	<0.2
1079993	Soil	36	21	0.41	94	0.023	<1	1.38	0.004	0.06	0.3	0.05	2.1	0.2	<0.05	3	1.1	<0.2
1079990	Soil	30	23	0.45	83	0.026	1	1.45	0.008	0.06	0.1	0.02	2.0	0.1	<0.05	4	0.7	<0.2
1079992	Soil	26	22	0.34	59	0.023	<1	1.22	0.008	0.04	0.5	0.03	1.3	0.1	<0.05	4	0.7	<0.2
1138535	Soil	33	18	0.29	92	0.016	<1	1.29	0.004	0.07	0.1	0.05	1.7	0.2	<0.05	3	0.9	<0.2
1138883	Soil	25	22	0.36	79	0.023	<1	1.30	0.005	0.05	0.2	0.05	1.3	0.1	<0.05	4	1.1	<0.2
1079991	Soil	31	22	0.36	72	0.026	<1	1.26	0.005	0.05	0.5	0.05	1.7	0.2	<0.05	4	1.1	<0.2
1079684	Soil	29	22	0.49	204	0.031	4	1.40	0.009	0.06	0.3	0.03	2.9	0.1	<0.05	4	<0.5	<0.2
1138742	Soil	27	12	0.22	75	0.011	5	0.73	0.003	0.07	0.2	0.02	1.8	0.2	0.06	3	<0.5	<0.2
1079686	Soil	34	19	0.39	118	0.012	2	1.34	0.004	0.05	0.1	0.02	1.5	0.1	<0.05	3	<0.5	<0.2
1079999	Soil	51	25	0.89	67	0.001	2	1.85	0.003	0.06	<0.1	0.01	1.5	<0.1	<0.05	5	<0.5	<0.2
1143692	Soil	25	29	0.42	188	0.039	3	1.85	0.015	0.13	1.8	0.03	2.4	0.7	0.09	6	<0.5	<0.2
1143693	Soil	27	42	0.42	210	0.060	4	2.17	0.035	0.24	4.3	0.04	3.1	0.9	0.24	7	<0.5	0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1143691	Soil	0.8	98.8	8.9	834	0.4	21.3	9.4	417	2.58	195.9	1.0	8.4	2.9	22	10.6	0.6	2.6	38	0.19	0.070
1143690	Soil	0.8	97.3	8.2	817	0.4	20.9	7.6	330	2.63	156.6	1.3	18.5	5.8	16	3.7	0.8	1.5	36	0.15	0.055
1138859	Soil	0.8	39.8	25.1	89	0.2	39.3	20.0	749	2.86	19.6	2.1	8.1	9.1	10	0.2	1.2	0.4	29	0.12	0.069
1138860	Soil	1.0	22.9	15.0	65	0.2	23.8	11.7	472	2.56	14.9	1.1	5.0	5.1	9	0.3	0.8	0.2	31	0.10	0.060
1138858	Soil	1.1	25.5	17.6	57	0.2	16.7	6.4	263	2.50	13.8	1.3	6.0	1.0	10	0.1	0.8	0.4	31	0.07	0.067
1138857	Soil	0.8	42.3	35.2	76	0.2	34.2	19.2	571	3.05	21.1	2.0	2.7	6.9	14	<0.1	1.4	0.4	28	0.17	0.071
1138861	Soil	0.6	13.4	12.7	45	<0.1	13.8	5.8	259	2.26	12.1	0.6	2.8	2.2	7	0.1	0.6	0.2	35	0.06	0.032
1143689	Soil	0.7	68.3	9.5	554	0.4	20.1	7.5	326	2.53	90.1	1.3	11.6	4.3	17	4.1	0.7	1.0	37	0.20	0.085
1143688	Soil	0.8	76.5	10.2	779	0.5	22.4	12.5	560	2.67	199.9	1.3	24.8	5.5	19	6.9	0.7	2.3	41	0.21	0.077
1138862	Soil	0.9	17.9	20.3	51	0.2	15.3	6.1	290	2.21	13.4	0.8	6.9	2.7	7	0.1	0.7	0.2	30	0.09	0.046
1138875	Soil	0.6	19.9	19.2	68	0.3	20.1	5.6	197	2.24	16.7	1.0	3.9	1.7	9	0.3	0.8	0.3	31	0.08	0.054
1079728	Soil	0.6	31.3	21.3	284	0.4	22.6	9.1	346	2.23	93.6	0.9	5.8	3.3	32	3.1	0.5	0.8	31	0.23	0.060
1138876	Soil	1.1	28.7	26.5	97	0.3	33.3	14.2	791	2.92	25.7	1.4	3.0	6.4	13	0.3	1.0	0.3	38	0.15	0.072
1079729	Soil	0.6	34.5	31.0	230	0.5	23.1	7.2	254	2.28	68.9	1.1	9.0	3.8	18	1.8	0.6	0.7	34	0.15	0.058
1143700	Soil	1.1	19.1	14.6	83	0.1	14.7	5.6	204	2.29	61.2	0.5	7.4	2.6	9	0.3	0.5	0.6	46	0.07	0.044
1143698	Soil	1.0	74.7	16.1	289	0.5	28.7	11.9	399	3.15	496.8	1.3	18.8	6.1	37	2.1	0.8	1.6	43	0.20	0.068
1143696	Soil	0.5	91.4	8.9	578	0.3	20.9	8.8	394	2.67	281.4	1.0	7.3	2.8	27	5.6	0.5	4.4	35	0.27	0.049
1143687	Soil	1.0	88.3	11.6	1004	0.6	25.9	11.8	579	2.62	267.3	1.3	11.1	4.1	22	12.4	0.8	2.6	37	0.23	0.066
1143695	Soil	1.0	72.6	13.2	620	0.3	25.1	11.2	517	2.49	261.0	1.3	10.1	4.7	31	4.7	0.6	2.2	34	0.24	0.054
1143699	Soil	0.9	76.5	11.2	314	0.4	27.4	9.7	378	2.61	462.1	1.2	33.7	4.6	23	1.6	1.0	1.4	43	0.17	0.053
1079730	Soil	0.7	33.1	35.0	288	0.5	25.6	11.4	419	2.37	127.1	1.1	7.0	3.3	15	1.9	0.7	0.7	32	0.16	0.062
1138854	Soil	0.6	56.8	63.6	97	0.5	41.0	17.7	668	3.48	71.0	2.5	3.2	9.3	12	0.3	2.7	0.5	23	0.11	0.070
1143697	Soil	0.7	61.0	11.7	251	0.5	23.8	8.8	326	2.25	281.2	1.7	15.9	2.5	24	2.3	0.6	1.1	36	0.21	0.060
1138856	Soil	1.0	31.2	27.7	75	<0.1	24.3	13.9	567	2.93	16.1	1.4	4.6	6.0	13	0.1	1.0	0.4	26	0.12	0.079
1143694	Soil	0.9	42.8	18.1	271	0.2	21.4	8.5	456	2.38	115.5	1.1	5.0	3.1	17	0.8	0.6	0.4	36	0.16	0.047
1138855	Soil	0.8	32.7	26.5	69	0.2	31.1	16.4	708	2.73	19.8	1.6	8.4	7.9	12	0.2	1.2	0.3	29	0.14	0.062
1079731	Soil	0.8	20.1	139.3	192	0.4	15.9	5.1	251	2.41	37.2	0.5	3.8	2.6	10	1.1	0.6	0.5	41	0.12	0.035
1079732	Soil	0.7	42.5	91.9	462	1.2	19.7	7.4	474	2.42	104.6	0.9	6.4	3.1	16	4.0	0.6	0.8	35	0.15	0.053
1138877	Soil	0.9	17.5	20.4	60	0.2	18.3	8.2	442	2.31	27.6	1.0	5.0	1.8	8	0.2	0.7	0.3	31	0.08	0.054
1138881	Soil	0.3	25.9	30.0	123	3.4	28.1	10.9	1003	2.85	204.8	1.5	27.6	8.8	7	0.5	3.5	0.3	13	0.08	0.044

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000276.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1143691	Soil		21	24	0.43	174	0.037	2	1.68	0.008	0.10	2.2	0.07	1.8	0.5	0.07	5	<0.5	<0.2
1143690	Soil		24	25	0.46	126	0.044	2	1.59	0.007	0.10	1.8	0.05	2.3	0.5	<0.05	5	<0.5	<0.2
1138859	Soil		40	22	0.49	133	0.019	3	1.38	0.004	0.05	0.5	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1138860	Soil		29	22	0.41	115	0.022	2	1.27	0.006	0.05	0.3	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1138858	Soil		28	22	0.37	72	0.014	1	1.27	0.009	0.05	0.2	0.03	0.9	<0.1	0.06	5	<0.5	<0.2
1138857	Soil		36	22	0.53	126	0.015	2	1.51	0.005	0.05	0.4	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1138861	Soil		15	18	0.27	58	0.026	2	1.07	0.004	0.05	0.2	0.05	1.2	<0.1	<0.05	4	<0.5	<0.2
1143689	Soil		23	22	0.34	122	0.040	<1	1.19	0.007	0.08	2.1	0.04	2.0	0.4	<0.05	4	<0.5	<0.2
1143688	Soil		28	24	0.36	136	0.043	3	1.34	0.007	0.10	4.0	0.07	1.9	0.5	<0.05	5	<0.5	<0.2
1138862	Soil		19	19	0.33	106	0.016	1	1.09	0.004	0.04	0.3	0.05	1.4	<0.1	<0.05	4	<0.5	<0.2
1138875	Soil		26	21	0.34	92	0.015	<1	1.25	0.004	0.05	0.3	0.04	1.2	0.2	<0.05	4	<0.5	<0.2
1079728	Soil		17	22	0.41	183	0.029	2	1.31	0.007	0.09	0.4	0.03	1.9	0.3	<0.05	4	0.7	<0.2
1138876	Soil		27	27	0.48	103	0.038	1	1.41	0.006	0.06	0.2	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
1079729	Soil		21	23	0.46	211	0.025	1	1.44	0.006	0.08	0.4	0.03	2.0	0.4	<0.05	4	<0.5	<0.2
1143700	Soil		14	23	0.23	74	0.030	<1	1.32	0.006	0.05	0.3	0.07	1.5	0.3	0.05	5	0.9	<0.2
1143698	Soil		20	36	0.60	218	0.046	<1	2.18	0.012	0.19	0.6	0.06	2.7	0.8	0.09	7	<0.5	<0.2
1143696	Soil		19	22	0.37	151	0.034	1	1.42	0.011	0.13	2.4	0.03	2.1	0.8	0.08	5	0.5	<0.2
1143687	Soil		24	25	0.41	195	0.039	2	1.72	0.010	0.14	2.4	0.06	2.5	0.6	0.07	5	1.5	<0.2
1143695	Soil		19	28	0.40	150	0.033	<1	1.47	0.011	0.12	1.9	0.06	2.3	0.4	0.07	4	0.6	<0.2
1143699	Soil		18	38	0.53	190	0.042	2	1.76	0.009	0.12	1.2	0.05	2.6	0.5	<0.05	6	<0.5	<0.2
1079730	Soil		21	23	0.43	161	0.023	<1	1.32	0.005	0.07	0.3	0.03	1.7	0.3	<0.05	4	<0.5	<0.2
1138854	Soil		48	23	0.56	112	0.007	<1	1.77	0.004	0.05	0.2	0.04	1.6	0.1	<0.05	5	<0.5	<0.2
1143697	Soil		20	28	0.44	170	0.030	<1	1.52	0.007	0.08	0.4	0.03	2.2	0.4	<0.05	5	<0.5	<0.2
1138856	Soil		38	23	0.48	122	0.015	<1	1.33	0.005	0.07	0.3	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1143694	Soil		18	24	0.40	160	0.031	<1	1.54	0.006	0.07	0.3	0.01	1.9	0.3	<0.05	4	<0.5	<0.2
1138855	Soil		39	21	0.45	117	0.017	<1	1.29	0.004	0.05	0.3	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1079731	Soil		15	23	0.28	98	0.023	<1	1.17	0.005	0.05	0.3	0.07	1.7	0.2	<0.05	5	<0.5	<0.2
1079732	Soil		18	22	0.37	166	0.023	<1	1.28	0.005	0.09	0.3	0.05	2.0	0.4	0.06	4	<0.5	<0.2
1138877	Soil		24	24	0.39	80	0.019	<1	1.36	0.004	0.05	0.2	0.03	1.1	0.1	<0.05	4	0.9	<0.2
1138881	Soil		44	10	0.28	98	0.006	<1	1.07	0.003	0.06	<0.1	0.04	1.8	0.2	<0.05	3	1.2	<0.2

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Project: MAY
Report Date: October 06, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1138852	Soil	0.8	25.9	16.6	63	0.3	23.8	11.9	413	2.58	19.5	1.0	4.4	3.6	10	0.2	1.2	0.2	33	0.09	0.050
1138853	Soil	0.9	32.8	21.6	73	0.4	21.9	11.1	453	2.86	19.4	1.6	2.5	6.4	12	0.3	1.3	0.4	27	0.11	0.058
1138879	Soil	1.0	17.5	100.3	105	2.5	20.5	6.8	385	2.80	139.4	0.8	48.3	1.7	9	0.5	3.4	0.9	32	0.09	0.044
1138878	Soil	0.8	17.5	23.1	74	0.4	19.3	12.2	1108	2.42	36.6	1.1	18.9	2.0	9	0.2	1.1	0.3	32	0.08	0.054
1138851	Soil	0.8	36.5	20.7	72	0.2	20.1	9.7	396	3.50	14.8	1.8	2.0	8.8	10	0.2	1.9	0.4	26	0.08	0.060
1138880	Soil	0.9	16.7	51.5	110	1.0	25.2	11.4	573	2.58	68.2	1.0	10.9	7.8	11	0.7	2.6	0.2	37	0.10	0.038
1138882	Soil	0.6	31.6	45.3	110	2.8	32.7	15.3	1852	3.37	108.6	1.6	30.4	12.1	11	0.3	3.5	0.3	14	0.15	0.051
1079739	Soil	0.6	38.8	21.0	261	0.5	27.0	10.7	604	2.65	182.8	1.5	23.1	9.7	28	2.0	0.6	0.8	30	0.22	0.062
1079742	Soil	0.6	24.2	18.9	169	0.3	20.8	7.9	387	2.39	79.6	1.0	7.5	5.1	19	0.9	0.6	0.4	34	0.20	0.052
1079737	Soil	0.5	31.5	18.0	228	0.4	28.9	10.3	591	2.72	100.1	1.0	32.2	7.9	41	2.0	0.6	0.7	23	0.59	0.052
1079735	Soil	0.7	36.3	21.1	168	0.3	32.7	15.4	424	2.92	74.0	1.2	3.0	7.5	21	1.0	0.6	0.7	32	0.15	0.052
1079740	Soil	0.7	35.3	30.2	276	0.6	26.0	9.8	512	2.64	166.2	1.3	29.3	7.5	26	1.9	0.6	0.9	33	0.21	0.059
1079733	Soil	0.6	37.8	81.6	384	1.0	19.6	4.8	206	1.94	45.9	1.0	6.3	4.2	16	1.9	0.7	0.5	30	0.20	0.056
1079744	Soil	0.9	13.2	45.1	116	0.2	19.4	8.3	428	2.14	34.4	0.7	3.5	3.8	15	0.8	0.6	0.3	35	0.15	0.051
1079741	Soil	0.6	35.6	19.1	305	0.5	22.3	8.2	427	2.44	175.2	1.1	10.8	6.2	22	2.1	0.6	0.8	31	0.20	0.053
1079736	Soil	1.2	46.4	23.6	371	0.5	28.3	10.6	507	3.35	157.6	1.7	2.5	3.5	16	2.3	0.9	1.1	29	0.12	0.105
1079743	Soil	0.8	27.9	22.4	186	0.7	19.9	8.3	433	2.38	99.3	1.1	5.0	2.7	30	1.2	0.5	0.5	35	0.36	0.072
1079738	Soil	0.9	109.9	31.6	587	1.6	60.6	34.5	783	4.01	415.4	3.1	10.6	14.7	66	8.5	0.8	2.2	24	0.23	0.083
1079734	Soil	0.7	49.8	34.3	502	0.8	27.3	9.8	623	2.73	116.9	1.2	6.4	6.5	29	3.7	0.6	0.7	36	0.28	0.062
1138871	Soil	0.7	21.8	24.0	68	0.2	19.3	6.7	260	2.33	21.7	1.4	2.4	2.4	11	0.3	0.7	0.2	33	0.12	0.061
1138864	Soil	0.7	25.3	13.4	65	0.2	19.6	8.4	301	2.46	18.2	1.3	3.8	2.8	12	0.3	0.9	0.2	38	0.12	0.061
1138872	Soil	0.7	21.7	23.4	65	0.3	19.0	7.0	289	2.28	21.1	1.4	8.6	2.9	11	0.4	0.9	0.2	33	0.11	0.059
1138869	Soil	0.6	31.9	34.1	94	0.7	21.6	8.9	369	2.48	19.9	2.3	4.0	6.9	12	0.5	0.8	0.2	35	0.14	0.073
1138873	Soil	0.8	26.4	17.7	93	0.6	25.5	10.6	867	2.28	31.3	1.2	3.6	7.1	12	0.9	1.4	0.2	32	0.13	0.045
1138874	Soil	0.6	12.5	10.3	42	<0.1	12.6	4.6	162	1.82	12.0	0.6	3.9	1.1	11	0.1	0.7	0.1	32	0.11	0.052
1138870	Soil	0.7	20.0	26.1	73	0.3	17.7	6.3	268	2.29	16.6	1.1	1.6	1.9	10	0.2	0.8	0.2	34	0.11	0.059
1138863	Soil	0.8	23.1	13.0	74	0.3	19.9	8.2	409	2.42	24.2	1.1	5.6	2.0	11	0.3	0.9	0.2	39	0.10	0.056
1138866	Soil	0.8	22.2	15.8	68	0.2	19.7	6.9	276	2.25	17.5	1.5	6.8	3.5	11	0.2	1.0	0.2	37	0.12	0.053
1138865	Soil	0.8	25.2	16.9	68	0.3	20.5	8.4	319	2.32	19.2	1.5	7.6	3.0	12	0.3	1.2	0.2	33	0.13	0.060
1138868	Soil	0.7	19.6	13.6	63	0.1	17.0	6.4	259	2.14	13.8	1.1	2.7	3.4	11	0.3	1.0	0.2	36	0.12	0.055

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1138852	Soil	26	22	0.37	106	0.020	2	1.20	0.004	0.04	0.4	0.04	1.5	<0.1	<0.05	3	<0.5	<0.2
1138853	Soil	43	20	0.48	110	0.017	2	1.24	0.004	0.04	0.4	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1138879	Soil	25	28	0.26	102	0.010	<1	1.35	0.004	0.06	0.2	0.05	0.9	0.2	<0.05	4	<0.5	<0.2
1138878	Soil	26	25	0.37	104	0.015	2	1.40	0.004	0.05	0.2	0.02	1.3	0.1	<0.05	4	<0.5	<0.2
1138851	Soil	42	21	0.51	140	0.014	<1	1.44	0.004	0.04	0.2	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1138880	Soil	23	24	0.37	164	0.022	1	1.61	0.006	0.05	0.2	0.03	2.0	0.2	<0.05	4	<0.5	<0.2
1138882	Soil	42	11	0.37	129	0.006	2	1.07	0.003	0.07	<0.1	0.02	2.1	0.3	<0.05	3	<0.5	<0.2
1079739	Soil	28	25	0.44	123	0.032	<1	1.25	0.009	0.10	0.8	0.05	2.1	0.4	<0.05	4	<0.5	<0.2
1079742	Soil	22	22	0.38	137	0.027	1	1.19	0.006	0.08	0.4	0.04	2.0	0.2	<0.05	4	<0.5	<0.2
1079737	Soil	27	25	0.38	109	0.023	2	1.11	0.010	0.08	0.8	0.04	2.0	0.4	0.05	4	<0.5	<0.2
1079735	Soil	32	24	0.51	122	0.022	1	1.56	0.007	0.09	0.3	0.02	1.8	0.6	<0.05	5	<0.5	<0.2
1079740	Soil	26	27	0.47	170	0.029	1	1.42	0.008	0.10	0.6	0.03	2.3	0.4	<0.05	4	<0.5	<0.2
1079733	Soil	18	23	0.42	126	0.029	1	1.30	0.006	0.07	0.3	0.05	2.1	0.3	<0.05	4	<0.5	<0.2
1079744	Soil	17	24	0.30	118	0.028	<1	1.15	0.006	0.08	0.2	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1079741	Soil	23	22	0.41	144	0.028	1	1.20	0.007	0.08	0.5	0.03	1.9	0.3	<0.05	4	<0.5	<0.2
1079736	Soil	37	34	0.49	92	0.012	1	1.55	0.006	0.10	0.2	0.04	1.3	0.4	0.06	5	0.5	<0.2
1079743	Soil	22	23	0.36	271	0.017	2	1.33	0.007	0.08	0.4	0.07	1.9	0.3	0.06	5	<0.5	<0.2
1079738	Soil	56	30	0.61	95	0.021	2	1.74	0.010	0.18	0.2	0.05	2.4	0.8	<0.05	6	<0.5	<0.2
1079734	Soil	24	27	0.51	196	0.038	2	1.59	0.010	0.13	0.3	0.03	3.0	0.6	<0.05	5	0.6	<0.2
1138871	Soil	30	23	0.38	181	0.020	1	1.30	0.005	0.05	0.3	0.05	1.5	0.1	<0.05	4	<0.5	<0.2
1138864	Soil	27	25	0.47	121	0.026	1	1.50	0.007	0.05	0.2	0.03	1.9	0.1	<0.05	5	<0.5	<0.2
1138872	Soil	31	23	0.38	202	0.020	<1	1.26	0.004	0.05	0.3	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
1138869	Soil	27	23	0.41	128	0.024	<1	1.45	0.005	0.06	0.3	0.04	3.4	0.1	<0.05	4	<0.5	<0.2
1138873	Soil	30	21	0.37	205	0.036	2	1.20	0.007	0.06	0.2	0.03	2.5	0.2	<0.05	4	<0.5	<0.2
1138874	Soil	15	19	0.26	88	0.022	1	1.11	0.004	0.04	0.2	0.03	1.1	0.1	<0.05	3	0.5	<0.2
1138870	Soil	26	23	0.34	91	0.021	2	1.26	0.004	0.06	0.2	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
1138863	Soil	25	24	0.40	139	0.021	1	1.43	0.005	0.05	0.2	0.03	2.0	0.2	<0.05	4	<0.5	<0.2
1138866	Soil	27	22	0.42	134	0.030	<1	1.29	0.010	0.05	0.2	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1138865	Soil	28	22	0.42	159	0.024	<1	1.32	0.008	0.05	0.1	0.04	2.0	0.1	<0.05	4	<0.5	<0.2
1138868	Soil	23	22	0.36	93	0.030	2	1.21	0.005	0.05	0.4	0.03	1.8	0.1	<0.05	4	0.6	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000276.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1138867	Soil		0.9	19.9	17.2	65	0.3	16.1	7.2	351	2.28	17.6	1.2	2.2	2.7	12	0.2	1.6	0.2	41	0.11	0.058
1098193	Soil		0.8	20.8	12.6	80	0.2	25.2	8.9	268	2.61	16.9	1.1	4.3	7.1	11	0.3	0.9	0.2	32	0.11	0.041
1098197	Soil		0.5	17.1	18.3	61	0.5	16.2	5.4	255	2.07	34.7	0.7	5.5	5.2	9	0.1	1.1	0.2	23	0.12	0.038
1098194	Soil		0.8	23.9	31.1	79	1.1	24.7	8.1	411	2.58	20.5	1.1	7.1	6.9	12	0.2	2.4	0.2	33	0.10	0.036
1098190	Soil		0.7	26.3	21.4	75	0.2	23.4	9.0	318	2.46	9.4	1.0	7.5	4.4	12	0.1	0.8	0.2	34	0.12	0.048
1098198	Soil		0.7	19.3	19.9	55	0.4	18.4	6.7	210	2.31	19.1	0.8	2.9	5.0	8	0.2	0.9	0.2	28	0.08	0.038
1098196	Soil		0.7	28.4	23.6	78	0.7	25.2	11.4	707	2.76	49.2	1.0	7.6	8.0	7	0.1	1.9	0.2	28	0.08	0.045
1098191	Soil		0.6	27.0	13.1	72	0.2	26.7	8.3	315	2.55	9.7	1.1	3.0	7.6	9	0.2	0.8	0.2	27	0.12	0.051
1098188	Soil		0.4	32.8	39.9	113	3.2	32.2	14.6	979	3.16	23.9	2.7	2.4	23.7	19	0.5	2.7	0.4	11	0.15	0.074
1098195	Soil		0.5	30.6	12.0	68	0.2	38.4	17.7	726	3.29	21.0	0.9	4.0	13.3	6	<0.1	1.4	0.2	19	0.06	0.035
1098192	Soil		0.6	24.4	20.7	85	0.5	22.8	8.6	332	2.44	13.0	1.2	4.7	5.6	8	0.3	1.1	0.3	28	0.09	0.044
1098189	Soil		0.6	22.8	13.8	58	0.2	21.5	7.9	237	2.30	9.0	1.0	3.4	5.9	7	0.1	0.8	0.2	27	0.07	0.036
1098187	Soil		0.6	17.4	15.6	47	0.2	15.8	7.2	315	2.19	10.1	0.8	5.4	4.7	5	0.1	0.8	0.2	23	0.06	0.037
1098350	Soil		1.0	23.5	15.4	58	0.1	22.0	9.5	331	2.60	16.0	1.1	3.3	2.8	9	0.1	1.2	0.2	36	0.10	0.050
1097039	Soil		0.5	16.2	21.9	59	0.7	14.4	5.4	337	2.02	58.3	0.7	13.4	5.5	7	0.1	3.1	0.2	20	0.09	0.044
1097038	Soil		0.7	17.4	104.0	81	1.0	19.5	10.8	595	2.36	36.1	0.7	4.9	3.5	7	0.3	2.2	0.2	27	0.08	0.036
1097033	Soil		0.6	21.0	20.5	64	0.6	20.5	8.5	420	2.31	31.9	0.8	3.5	6.9	9	0.1	1.9	0.2	20	0.08	0.034
1097032	Soil		0.6	21.4	17.4	68	0.8	21.6	6.0	318	2.51	39.2	1.0	3.8	6.4	8	<0.1	1.5	0.2	22	0.08	0.043
1097034	Soil		0.6	20.2	19.1	61	0.6	19.3	7.3	345	2.30	30.3	0.8	3.4	6.1	9	0.1	1.8	0.2	22	0.08	0.035
1097035	Soil		0.7	26.2	41.6	100	3.4	23.8	8.5	701	2.34	52.8	1.0	9.0	8.0	10	0.3	2.4	0.2	22	0.09	0.038
1097040	Soil		0.5	16.2	21.3	57	0.6	14.3	5.3	319	2.08	58.3	0.7	10.1	5.4	7	<0.1	3.0	0.2	21	0.07	0.044
1097036	Soil		0.7	17.9	47.7	80	1.7	17.3	6.9	358	2.14	50.5	0.7	6.5	2.2	10	0.3	2.8	0.2	29	0.11	0.053
1097041	Soil		0.7	20.9	23.5	63	1.2	23.3	8.7	610	2.31	55.9	0.9	9.7	7.3	10	0.1	3.8	0.2	23	0.15	0.045
1138706	Soil		1.3	34.9	19.4	77	0.5	24.2	9.7	370	2.82	15.1	2.1	3.2	6.0	14	0.2	1.3	0.3	39	0.16	0.079
1097037	Soil		0.7	18.3	51.1	85	1.9	19.3	7.5	394	2.23	53.2	0.8	11.1	2.8	9	0.3	2.9	0.2	29	0.12	0.054
1096399	Soil		0.9	21.4	13.1	56	<0.1	18.6	7.7	324	2.32	13.8	1.1	2.8	2.3	8	0.2	1.0	0.2	34	0.08	0.051
1138701	Soil		1.1	23.3	18.3	54	0.2	18.2	7.6	271	2.65	19.2	1.6	3.4	0.9	11	0.1	1.2	0.2	39	0.11	0.068
1138708	Soil		0.7	22.3	8.8	51	0.4	20.8	7.9	341	2.15	13.7	0.9	2.2	4.3	8	0.1	0.9	0.2	28	0.10	0.047
1138703	Soil		0.8	15.8	12.6	56	0.1	14.6	5.6	210	1.98	12.2	0.8	1.0	0.7	9	0.2	0.7	0.2	38	0.10	0.052
1138704	Soil		1.8	31.2	22.1	68	0.3	32.5	8.8	354	2.75	23.5	1.5	3.0	0.7	11	0.3	2.4	0.3	39	0.08	0.099

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Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000276.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1138867	Soil	26	24	0.41	121	0.030	1	1.36	0.005	0.06	0.2	0.03	2.0	0.2	<0.05	4	<0.5	<0.2
1098193	Soil	35	24	0.53	147	0.023	2	1.62	0.006	0.06	0.1	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1098197	Soil	28	16	0.33	91	0.011	<1	1.10	0.004	0.04	0.1	0.03	1.4	0.2	<0.05	3	<0.5	<0.2
1098194	Soil	29	28	0.49	144	0.017	2	1.65	0.005	0.07	0.1	0.04	2.0	0.3	<0.05	5	0.6	<0.2
1098190	Soil	36	23	0.48	149	0.022	1	1.47	0.005	0.06	0.1	0.03	2.0	0.2	<0.05	4	<0.5	<0.2
1098198	Soil	32	21	0.40	71	0.009	<1	1.28	0.003	0.05	0.1	0.03	1.2	0.2	<0.05	4	<0.5	<0.2
1098196	Soil	29	22	0.45	126	0.009	<1	1.56	0.003	0.05	0.1	0.03	1.9	0.2	<0.05	4	0.6	<0.2
1098191	Soil	32	24	0.46	170	0.020	<1	1.39	0.004	0.05	0.2	0.02	1.9	0.1	<0.05	4	0.5	<0.2
1098188	Soil	67	14	0.39	80	0.005	1	1.21	0.004	0.07	<0.1	<0.01	1.4	0.2	<0.05	3	<0.5	<0.2
1098195	Soil	40	30	0.70	120	0.005	1	1.80	0.003	0.05	<0.1	0.02	1.6	0.2	<0.05	5	<0.5	<0.2
1098192	Soil	31	21	0.39	125	0.023	<1	1.37	0.004	0.06	0.4	0.02	1.9	0.2	<0.05	4	<0.5	<0.2
1098189	Soil	30	22	0.39	102	0.024	<1	1.31	0.004	0.04	0.2	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
1098187	Soil	23	17	0.31	54	0.013	1	1.18	0.003	0.04	0.2	0.03	1.1	0.2	<0.05	3	<0.5	<0.2
1098350	Soil	19	23	0.34	132	0.022	1	1.21	0.005	0.04	0.3	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1097039	Soil	30	14	0.27	86	0.007	<1	1.06	0.003	0.05	0.1	0.02	1.1	0.3	<0.05	2	0.6	<0.2
1097038	Soil	19	20	0.28	71	0.014	<1	0.99	0.003	0.04	0.2	0.04	1.1	0.2	<0.05	3	0.6	<0.2
1097033	Soil	32	16	0.36	98	0.009	<1	1.17	0.003	0.04	0.1	0.02	1.2	0.2	<0.05	3	<0.5	<0.2
1097032	Soil	30	21	0.38	102	0.006	<1	1.40	0.003	0.04	0.1	0.02	1.2	0.3	<0.05	4	<0.5	<0.2
1097034	Soil	31	16	0.35	90	0.010	1	1.18	0.003	0.04	0.1	0.02	1.1	0.2	<0.05	3	0.6	<0.2
1097035	Soil	30	18	0.36	129	0.011	1	1.14	0.003	0.04	0.1	0.03	1.8	0.2	<0.05	3	<0.5	<0.2
1097040	Soil	29	14	0.26	84	0.006	<1	1.06	0.003	0.05	0.1	0.03	1.3	0.3	<0.05	3	<0.5	<0.2
1097036	Soil	20	19	0.32	84	0.017	<1	1.12	0.004	0.04	0.2	0.05	1.1	0.2	<0.05	3	0.8	<0.2
1097041	Soil	26	15	0.29	126	0.009	1	1.07	0.004	0.06	0.2	0.02	1.6	0.2	<0.05	3	<0.5	<0.2
1138706	Soil	30	25	0.46	221	0.035	1	1.36	0.005	0.06	0.3	0.04	2.5	<0.1	<0.05	4	0.6	<0.2
1097037	Soil	21	18	0.33	86	0.016	1	1.11	0.004	0.05	0.2	0.03	1.2	0.2	<0.05	3	0.5	<0.2
1096399	Soil	17	20	0.34	93	0.021	1	1.11	0.004	0.04	0.3	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1138701	Soil	21	23	0.35	187	0.016	<1	1.35	0.005	0.05	0.4	0.06	1.3	0.1	<0.05	4	0.5	<0.2
1138708	Soil	20	20	0.33	94	0.023	1	1.15	0.004	0.04	0.3	0.04	1.6	0.1	<0.05	3	<0.5	<0.2
1138703	Soil	14	20	0.31	114	0.021	1	1.01	0.005	0.04	0.3	0.03	1.0	0.1	<0.05	4	0.5	<0.2
1138704	Soil	26	47	0.39	94	0.018	2	1.43	0.005	0.06	0.3	0.03	1.0	0.2	0.12	5	1.0	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096400	Soil	0.9	25.4	14.7	52	0.1	19.6	9.1	352	2.26	15.3	1.5	9.8	3.4	8	<0.1	1.3	0.2	26	0.07	0.055
1138705	Soil	0.8	29.9	20.2	62	0.4	20.4	8.5	316	2.22	15.7	1.6	5.4	4.4	9	0.2	1.4	0.2	26	0.09	0.060
1138707	Soil	0.9	17.7	10.1	44	0.2	18.8	8.9	517	2.12	13.7	0.9	2.5	2.0	7	0.2	1.3	0.1	24	0.07	0.054
1098349	Soil	0.9	18.3	12.1	42	<0.1	15.9	5.5	184	2.05	12.7	0.8	2.5	3.8	6	0.1	0.9	0.2	26	0.06	0.039
1138702	Soil	1.0	20.2	12.6	48	0.1	17.8	7.3	263	2.19	12.7	1.2	3.9	1.7	8	<0.1	0.9	0.2	31	0.08	0.055
1079698	Soil	0.7	19.9	25.4	206	0.2	20.9	7.0	403	1.95	133.0	0.9	9.8	2.7	15	1.1	0.6	0.4	25	0.12	0.048
1079694	Soil	0.7	33.7	104.5	347	1.7	18.1	6.5	536	2.18	71.9	1.1	5.5	2.2	14	1.3	0.8	0.5	27	0.20	0.057
1079691	Soil	1.1	86.2	33.2	140	0.7	22.8	9.1	636	2.26	79.2	1.1	7.2	5.1	15	0.9	0.8	0.4	32	0.18	0.076
1079696	Soil	0.5	22.5	160.7	330	1.9	20.8	6.7	452	1.90	89.5	1.0	14.2	4.1	14	1.1	0.9	0.7	20	0.22	0.049
1079700	Soil	0.7	27.1	43.0	156	0.3	19.7	8.8	568	2.14	147.7	1.0	13.2	5.3	14	0.9	0.7	0.5	26	0.11	0.051
1080000	Soil	0.7	35.4	48.6	167	0.4	20.4	9.8	572	2.05	145.3	1.0	11.9	5.9	18	1.0	0.8	0.9	27	0.18	0.056
1079697	Soil	0.8	17.7	27.2	168	0.1	17.2	6.6	439	1.82	89.6	0.7	33.1	2.2	11	1.5	0.6	0.4	24	0.10	0.047
1079692	Soil	0.8	18.2	78.8	92	0.4	18.1	7.2	394	2.08	50.3	1.1	318.9	1.6	11	0.4	0.7	0.3	31	0.13	0.043
1079693	Soil	0.8	19.6	67.1	151	0.4	14.7	6.7	439	2.09	54.8	0.8	2.4	1.2	12	0.4	0.7	0.3	30	0.16	0.043
1079699	Soil	0.8	27.7	23.9	200	0.3	25.1	8.9	507	2.30	199.0	1.1	10.0	5.9	19	0.9	0.7	0.6	28	0.15	0.049
1079695	Soil	0.6	43.5	115.7	477	3.1	18.5	6.0	364	2.08	85.8	1.2	11.5	2.3	15	2.2	0.9	0.7	26	0.24	0.053
1079690	Soil	1.0	73.0	36.0	126	3.4	22.6	9.1	652	2.11	83.6	0.8	16.0	3.8	9	1.0	0.8	0.4	31	0.08	0.039
1143741	Soil	1.0	17.6	17.3	90	0.1	15.7	11.7	673	2.22	78.0	1.0	7.0	1.1	10	0.4	0.7	0.3	33	0.07	0.055
1143749	Soil	0.9	122.9	101.5	550	4.3	21.7	9.9	1315	2.40	333.6	0.9	20.1	5.5	11	4.5	1.4	4.1	30	0.11	0.060
1079689	Soil	1.1	13.6	33.0	104	0.1	16.9	6.9	403	2.05	33.9	0.5	4.6	3.4	7	0.4	0.6	0.3	34	0.06	0.026
1143746	Soil	0.9	22.6	25.1	143	0.3	21.0	8.3	518	2.29	183.4	0.9	13.2	2.9	15	0.7	0.8	0.4	31	0.12	0.046
1143747	Soil	0.9	26.4	13.3	87	0.3	24.1	9.2	360	2.25	231.9	1.3	17.5	5.4	17	0.4	0.7	0.4	30	0.11	0.045
1143748	Soil	0.8	23.3	16.5	91	0.1	20.8	8.6	408	2.28	165.2	0.8	9.6	2.6	14	0.4	0.6	0.5	30	0.14	0.052
1143750	Soil	0.6	23.7	37.5	286	1.1	15.6	5.6	258	1.89	99.6	0.8	5.9	3.4	14	1.3	0.6	1.1	24	0.15	0.058
1143743	Soil	0.9	26.1	18.3	114	0.2	22.1	9.8	437	2.38	153.3	1.1	10.5	3.7	20	0.5	0.7	0.5	33	0.15	0.051
1143736	Soil	0.8	96.6	24.6	1012	0.8	24.6	9.8	723	2.50	113.6	1.5	18.5	5.2	17	9.7	0.6	3.9	34	0.13	0.048
1143744	Soil	0.9	25.8	16.9	100	0.2	21.0	9.1	446	2.26	107.5	1.2	8.3	2.9	16	0.7	0.7	0.4	32	0.12	0.054
1143734	Soil	1.1	166.4	14.7	1448	0.7	25.2	10.6	684	2.85	134.4	1.6	24.1	6.3	19	9.2	0.7	3.9	37	0.16	0.070
1143738	Soil	0.9	20.8	10.2	120	<0.1	16.1	7.9	452	2.16	82.7	0.9	6.6	0.9	10	0.6	0.5	0.5	31	0.08	0.046
1143735	Soil	1.0	94.8	11.9	1213	0.4	25.3	10.6	567	2.66	83.9	1.4	9.6	4.6	19	12.1	0.6	1.7	38	0.16	0.058

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CERTIFICATE OF ANALYSIS DAW11000276.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096400	Soil	21	20	0.36	85	0.013	1	1.04	0.004	0.03	0.3	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1138705	Soil	22	19	0.35	87	0.020	<1	0.99	0.003	0.03	0.3	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1138707	Soil	16	19	0.32	78	0.012	<1	0.96	0.003	0.03	0.2	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
1098349	Soil	18	18	0.28	74	0.012	<1	0.92	0.003	0.03	0.3	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1138702	Soil	14	22	0.34	95	0.016	<1	1.17	0.004	0.03	0.2	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1079698	Soil	14	22	0.35	140	0.017	<1	1.07	0.004	0.07	0.4	0.03	1.3	0.2	<0.05	3	<0.5	<0.2
1079694	Soil	14	22	0.36	147	0.010	<1	1.12	0.005	0.04	0.2	0.02	1.6	0.1	<0.05	3	<0.5	<0.2
1079691	Soil	14	22	0.39	125	0.028	<1	0.96	0.006	0.05	0.6	0.04	1.9	0.1	<0.05	3	<0.5	<0.2
1079696	Soil	15	17	0.32	99	0.015	<1	0.83	0.004	0.05	0.3	0.02	1.7	<0.1	<0.05	2	<0.5	<0.2
1079700	Soil	14	27	0.43	138	0.019	<1	1.10	0.006	0.07	0.3	0.02	1.7	0.2	<0.05	3	<0.5	<0.2
1080000	Soil	14	30	0.46	158	0.020	<1	1.01	0.005	0.08	0.6	0.02	1.8	0.3	<0.05	3	<0.5	<0.2
1079697	Soil	12	20	0.31	121	0.018	<1	0.96	0.005	0.07	0.5	0.03	1.1	0.1	<0.05	3	<0.5	<0.2
1079692	Soil	13	21	0.31	125	0.019	<1	1.00	0.004	0.04	0.4	0.03	1.3	0.1	<0.05	3	<0.5	<0.2
1079693	Soil	12	14	0.32	124	0.013	<1	1.05	0.004	0.04	0.2	0.02	1.1	0.1	<0.05	3	<0.5	<0.2
1079699	Soil	15	26	0.42	153	0.024	<1	1.18	0.005	0.10	0.6	0.03	2.0	0.3	<0.05	4	<0.5	<0.2
1079695	Soil	15	22	0.38	141	0.012	<1	1.12	0.005	0.05	0.2	0.03	1.7	0.1	<0.05	3	<0.5	<0.2
1079690	Soil	12	21	0.30	100	0.025	1	0.99	0.005	0.04	0.5	0.05	1.5	0.1	<0.05	3	<0.5	<0.2
1143741	Soil	11	23	0.32	117	0.019	<1	1.16	0.004	0.04	0.3	0.02	1.1	0.1	<0.05	4	<0.5	<0.2
1143749	Soil	13	20	0.28	78	0.020	<1	1.01	0.004	0.04	0.6	0.06	1.4	0.2	<0.05	3	<0.5	<0.2
1079689	Soil	10	20	0.27	83	0.024	<1	1.15	0.004	0.04	0.2	0.03	1.5	0.1	<0.05	3	<0.5	<0.2
1143746	Soil	13	22	0.34	138	0.017	<1	1.09	0.005	0.04	0.4	0.04	1.5	0.2	<0.05	4	<0.5	<0.2
1143747	Soil	16	22	0.36	120	0.026	1	1.14	0.007	0.07	0.6	0.04	1.9	0.2	<0.05	3	<0.5	<0.2
1143748	Soil	11	22	0.37	155	0.016	<1	1.14	0.005	0.05	0.4	0.03	1.4	0.2	<0.05	4	<0.5	<0.2
1143750	Soil	13	22	0.37	116	0.012	<1	1.13	0.005	0.05	0.3	0.06	1.4	0.3	0.05	3	<0.5	<0.2
1143743	Soil	14	24	0.37	150	0.022	<1	1.32	0.006	0.06	0.4	0.04	1.8	0.2	<0.05	4	0.5	<0.2
1143736	Soil	20	25	0.38	151	0.031	1	1.46	0.007	0.07	3.2	0.04	2.4	0.2	<0.05	4	<0.5	<0.2
1143744	Soil	15	23	0.37	160	0.023	<1	1.28	0.006	0.07	0.3	0.03	1.6	0.2	<0.05	4	<0.5	<0.2
1143734	Soil	18	28	0.40	147	0.041	1	1.52	0.010	0.08	3.4	0.03	3.0	0.3	0.07	5	0.8	<0.2
1143738	Soil	11	22	0.31	101	0.021	<1	1.28	0.005	0.05	0.6	0.04	1.0	0.1	<0.05	4	<0.5	<0.2
1143735	Soil	19	28	0.43	185	0.038	1	1.57	0.007	0.08	2.0	0.05	2.5	0.3	<0.05	5	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000276.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1143740	Soil	0.9	20.9	12.3	125	0.1	15.9	8.4	426	2.23	98.5	0.8	9.1	0.8	13	0.7	0.5	0.5	33	0.15	0.042
1143733	Soil	1.1	204.2	13.2	1750	0.8	27.6	13.7	692	3.05	223.6	1.9	20.9	8.6	28	18.9	0.7	3.8	40	0.17	0.077
1143745	Soil	0.8	30.5	10.3	112	0.3	23.4	9.9	459	2.37	127.5	1.0	15.4	4.3	22	0.6	0.5	1.0	29	0.14	0.046
1143737	Soil	1.0	92.7	13.9	978	0.6	24.2	9.5	612	2.54	89.4	1.3	7.3	3.7	16	8.0	0.5	2.1	37	0.14	0.058
1143739	Soil	1.2	23.7	11.1	149	<0.1	16.3	7.1	445	2.21	88.4	0.8	7.2	1.1	12	1.0	0.5	0.8	32	0.10	0.049
1143742	Soil	1.0	14.9	11.6	57	<0.1	14.9	6.0	294	1.96	52.8	0.7	5.2	0.7	9	0.2	0.5	0.2	30	0.07	0.046
1138623	Soil	0.7	34.9	26.2	75	0.5	25.3	12.4	298	2.44	19.9	1.0	4.2	6.7	10	0.2	0.8	0.2	31	0.12	0.054
1138622	Soil	0.7	28.6	16.0	61	0.4	21.4	8.8	232	2.51	37.6	0.9	6.6	5.3	10	0.1	0.8	0.2	32	0.11	0.056
1138618	Soil	0.6	23.3	15.2	50	<0.1	22.7	9.6	297	2.37	31.3	0.7	3.2	6.8	11	0.2	0.6	0.2	28	0.17	0.052
1138619	Soil	0.7	22.0	9.5	51	0.1	23.9	10.1	229	2.98	33.2	0.6	8.4	8.4	8	0.2	0.7	0.3	30	0.09	0.046
1138620	Soil	0.5	38.2	16.4	90	<0.1	39.6	24.1	801	3.66	26.9	0.6	1.7	15.4	5	0.2	0.9	0.3	20	0.07	0.030
1138621	Soil	0.7	29.0	13.2	58	0.2	20.3	7.4	248	2.26	23.6	1.0	4.6	5.5	12	0.1	0.7	0.2	35	0.15	0.066
1138624	Soil	0.5	26.5	26.1	78	0.4	26.3	12.3	590	2.64	22.6	0.8	21.8	9.7	9	0.2	0.7	0.2	23	0.16	0.047
1138617	Soil	0.6	12.6	34.3	63	2.0	12.1	4.8	188	2.01	78.5	0.6	9.9	5.4	10	0.3	0.8	0.2	29	0.16	0.036
1138616	Soil	0.3	24.4	13.5	56	0.3	22.6	7.0	215	2.03	30.1	1.5	6.5	9.6	14	<0.1	0.7	0.3	18	0.34	0.048
1138615	Soil	0.6	17.0	28.8	286	0.4	20.3	6.6	307	2.14	46.6	1.6	11.4	2.8	17	2.2	0.6	0.4	27	0.34	0.065
1138614	Soil	0.6	35.1	22.0	126	0.1	37.2	16.9	507	3.49	21.1	1.5	3.5	15.7	10	0.5	0.4	0.4	14	0.15	0.065
1138613	Soil	0.6	29.9	17.4	141	0.3	27.5	9.0	326	2.42	46.5	2.1	6.3	5.9	20	0.8	0.5	0.3	25	0.41	0.062
1138604	Soil	0.6	37.4	31.5	79	0.2	26.2	9.2	407	2.71	70.6	0.8	6.8	7.7	10	0.4	0.6	0.3	29	0.13	0.053
1138602	Soil	0.6	29.7	40.0	111	0.2	26.4	9.5	254	2.42	44.8	0.9	10.8	9.4	11	0.3	0.9	0.4	30	0.15	0.052
1138629	Soil	0.4	30.0	34.3	69	0.5	27.0	10.1	334	2.60	118.4	1.8	11.8	15.4	13	0.2	0.9	0.4	14	0.22	0.054
1138605	Soil	1.2	12.8	13.7	33	<0.1	8.8	3.5	165	1.58	16.3	0.5	3.1	0.2	8	0.2	0.6	0.2	42	0.07	0.058
1138601	Soil	0.2	40.5	23.2	81	0.2	32.9	14.0	492	3.29	23.5	0.6	5.7	18.2	11	<0.1	0.8	0.4	17	0.23	0.051
1138628	Soil	0.5	33.9	30.6	76	0.2	30.6	10.2	339	2.84	11.6	2.2	2.7	13.6	17	0.2	0.5	0.4	13	0.31	0.052
1138606	Soil	1.1	33.9	80.5	103	0.5	21.4	8.1	287	2.64	109.8	1.3	9.9	3.1	9	0.5	0.9	0.6	38	0.09	0.062
1138608	Soil	0.7	37.1	133.4	195	1.1	43.1	22.6	1059	3.30	429.6	1.8	30.3	14.7	11	2.3	1.8	2.7	15	0.14	0.048
1138631	Soil	0.4	20.6	20.0	54	0.3	20.1	7.0	270	2.02	27.7	1.0	3.2	8.9	11	0.1	0.7	0.3	19	0.19	0.042
1138607	Soil	1.0	17.5	25.0	68	0.2	15.9	6.4	262	2.25	58.9	0.8	32.9	2.3	9	0.3	0.8	0.4	40	0.10	0.049
1138603	Soil	0.4	46.4	87.2	168	0.7	53.3	82.4	596	3.56	235.2	1.5	25.9	17.6	13	1.1	0.9	0.6	17	0.16	0.053
1138609	Soil	0.7	34.4	61.9	109	0.5	28.8	12.3	981	2.74	168.2	2.5	77.8	12.1	12	0.6	1.2	0.8	25	0.18	0.062

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1143740	Soil	11	22	0.31	129	0.018	<1	1.17	0.005	0.04	0.7	0.02	1.0	0.1	<0.05	4	<0.5	<0.2
1143733	Soil	22	31	0.41	162	0.046	2	1.78	0.012	0.14	4.1	0.03	3.0	0.4	0.06	6	0.6	<0.2
1143745	Soil	14	23	0.34	118	0.026	<1	1.24	0.006	0.07	0.5	0.03	1.7	0.2	<0.05	4	0.5	<0.2
1143737	Soil	17	28	0.39	181	0.032	2	1.58	0.007	0.07	2.6	0.04	2.1	0.3	<0.05	5	<0.5	<0.2
1143739	Soil	10	23	0.31	109	0.023	<1	1.19	0.005	0.05	0.5	0.04	1.0	0.1	<0.05	4	<0.5	<0.2
1143742	Soil	11	22	0.27	69	0.017	<1	0.98	0.004	0.04	0.3	0.03	0.8	0.1	<0.05	3	<0.5	<0.2
1138623	Soil	29	23	0.49	79	0.015	<1	1.39	0.007	0.05	0.2	0.04	1.9	0.1	<0.05	4	<0.5	<0.2
1138622	Soil	25	22	0.46	77	0.019	1	1.53	0.006	0.06	0.2	0.05	1.8	0.1	<0.05	4	<0.5	<0.2
1138618	Soil	24	19	0.43	123	0.013	1	1.20	0.006	0.05	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1138619	Soil	25	23	0.57	57	0.013	<1	1.62	0.005	0.05	0.1	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
1138620	Soil	39	30	0.80	57	0.003	<1	2.35	0.004	0.05	<0.1	0.02	1.9	<0.1	<0.05	5	<0.5	<0.2
1138621	Soil	22	23	0.43	125	0.026	1	1.38	0.007	0.05	0.2	0.05	2.4	<0.1	<0.05	4	<0.5	<0.2
1138624	Soil	29	22	0.52	97	0.005	<1	1.57	0.004	0.05	<0.1	0.04	1.6	0.2	<0.05	4	<0.5	<0.2
1138617	Soil	21	14	0.30	91	0.025	2	0.77	0.005	0.05	0.2	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
1138616	Soil	29	17	0.45	98	0.007	<1	1.26	0.005	0.05	0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1138615	Soil	23	20	0.42	137	0.014	<1	1.47	0.006	0.05	0.2	0.03	1.6	0.2	<0.05	4	0.6	<0.2
1138614	Soil	36	16	0.45	93	0.004	<1	1.43	0.004	0.05	0.1	0.02	1.3	0.1	<0.05	3	<0.5	<0.2
1138613	Soil	29	19	0.45	106	0.014	2	1.28	0.008	0.05	0.2	0.03	2.5	0.1	0.05	3	<0.5	<0.2
1138604	Soil	31	22	0.73	146	0.007	<1	1.68	0.005	0.05	0.3	0.03	2.2	0.2	<0.05	4	<0.5	<0.2
1138602	Soil	31	22	0.49	169	0.016	<1	1.56	0.006	0.06	0.2	0.02	2.6	0.1	<0.05	4	<0.5	<0.2
1138629	Soil	42	12	0.33	113	0.006	<1	0.97	0.005	0.09	0.1	0.02	1.6	0.2	<0.05	2	<0.5	<0.2
1138605	Soil	10	20	0.22	49	0.028	1	1.08	0.013	0.04	0.2	0.04	0.8	0.1	<0.05	5	<0.5	<0.2
1138601	Soil	47	23	0.64	103	0.005	<1	1.83	0.007	0.06	<0.1	0.01	2.1	<0.1	<0.05	5	<0.5	<0.2
1138628	Soil	41	13	0.39	83	0.005	<1	1.01	0.006	0.09	0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1138606	Soil	21	23	0.41	92	0.016	<1	1.39	0.005	0.05	0.4	0.05	1.6	0.2	<0.05	4	<0.5	<0.2
1138608	Soil	44	15	0.67	77	0.004	<1	1.43	0.004	0.06	0.1	0.02	1.6	0.2	<0.05	3	<0.5	<0.2
1138631	Soil	32	14	0.37	121	0.008	1	1.09	0.005	0.07	0.2	0.02	1.6	0.1	<0.05	3	<0.5	<0.2
1138607	Soil	16	21	0.37	91	0.022	1	1.02	0.006	0.04	0.6	0.05	1.5	0.1	<0.05	3	<0.5	<0.2
1138603	Soil	42	26	0.78	129	0.005	<1	1.91	0.006	0.07	<0.1	0.03	2.3	0.1	<0.05	5	<0.5	<0.2
1138609	Soil	31	19	0.46	122	0.017	1	1.11	0.005	0.06	0.6	0.02	2.2	0.2	<0.05	3	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1138610	Soil	0.9	23.8	22.8	85	0.5	19.9	7.5	310	2.25	104.8	1.8	13.8	1.7	21	0.4	0.6	0.6	33	0.38	0.077
1138612	Soil	0.5	22.9	14.6	287	0.4	20.5	9.0	265	2.32	84.6	1.7	4.1	8.1	18	2.2	0.4	0.7	20	0.28	0.050
1138611	Soil	0.7	41.0	19.6	122	0.2	33.3	14.9	388	3.06	73.5	1.8	19.0	15.5	13	0.5	0.6	0.4	26	0.18	0.058
1138632	Soil	0.8	12.5	14.9	41	<0.1	12.7	5.9	199	2.18	16.4	0.6	4.7	4.0	7	0.1	0.6	0.2	32	0.07	0.033
1138633	Soil	0.5	26.6	19.2	68	0.3	26.8	7.9	231	2.26	39.0	1.4	15.2	11.9	11	0.2	0.6	0.2	21	0.18	0.049
1138630	Soil	0.4	32.0	33.6	65	0.4	28.7	10.6	261	2.72	56.6	1.9	7.5	15.6	13	0.1	0.8	0.4	13	0.19	0.054
1138627	Soil	0.6	25.8	34.1	67	0.2	30.8	11.0	594	2.43	15.4	1.0	2.1	9.9	23	0.3	0.6	0.3	15	0.45	0.064
1138626	Soil	0.7	31.8	306.0	170	1.1	30.0	16.5	412	2.81	53.5	0.9	6.9	8.3	8	0.7	1.7	0.4	25	0.07	0.040
1138625	Soil	0.6	19.3	33.5	74	0.5	18.1	7.6	560	2.28	34.7	0.9	5.8	4.6	9	0.2	0.9	0.2	29	0.13	0.049
1138594	Soil	0.7	20.7	12.4	55	0.5	17.4	5.4	221	1.95	10.8	1.3	2.3	2.4	11	0.2	0.9	0.2	33	0.12	0.056
1098254	Soil	0.5	35.6	65.2	144	4.2	28.4	10.5	926	2.56	83.9	1.7	8.9	14.4	11	0.7	4.8	0.3	17	0.10	0.040
1098253	Soil	0.7	24.5	17.0	69	0.3	22.6	7.9	285	2.43	25.7	0.8	3.9	3.9	7	0.2	1.1	0.2	26	0.07	0.047
1138595	Soil	0.7	27.5	20.8	64	0.3	23.7	8.4	321	2.39	15.5	1.5	1.9	5.4	8	0.2	1.4	0.2	28	0.08	0.044
1138596	Soil	0.7	32.8	16.3	78	0.6	27.3	9.3	494	2.83	20.0	1.8	2.0	6.1	8	0.1	1.7	0.2	28	0.08	0.044
1098251	Soil	0.6	25.5	23.4	79	0.4	23.0	8.3	372	2.42	17.0	1.1	3.1	5.9	7	0.3	1.1	0.2	32	0.07	0.039
1098255	Soil	0.8	28.6	21.7	56	0.3	22.3	8.0	238	2.34	21.8	0.8	7.6	4.3	7	0.1	0.9	0.2	28	0.07	0.042
1138600	Soil	0.7	25.4	23.1	74	0.7	24.5	8.7	369	2.40	18.4	1.2	3.2	6.3	7	0.3	1.5	0.2	30	0.07	0.037
1138597	Soil	0.6	31.4	15.3	72	0.2	28.0	9.7	348	2.77	13.9	1.6	2.2	4.8	6	0.1	1.0	0.2	27	0.05	0.047
1138598	Soil	0.6	29.1	15.3	66	0.2	25.9	10.1	321	2.63	14.4	1.5	3.4	7.7	8	0.2	1.2	0.2	27	0.07	0.043
1138599	Soil	0.6	24.3	16.2	65	0.4	21.1	7.4	440	2.36	20.2	1.2	3.4	5.1	6	0.2	1.5	0.2	28	0.06	0.038

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000276.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1138610	Soil	22	21	0.41	162	0.009	<1	1.24	0.008	0.04	0.6	0.04	1.1	0.2	0.06	4	<0.5	<0.2
1138612	Soil	28	17	0.41	66	0.012	<1	1.14	0.006	0.06	0.2	0.02	1.8	0.1	<0.05	3	<0.5	<0.2
1138611	Soil	34	23	0.57	88	0.014	<1	1.43	0.004	0.06	0.4	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
1138632	Soil	13	17	0.28	46	0.024	<1	1.07	0.005	0.03	0.2	0.05	1.4	<0.1	<0.05	3	<0.5	<0.2
1138633	Soil	31	17	0.42	113	0.008	<1	1.09	0.005	0.05	0.2	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1138630	Soil	44	12	0.36	114	0.005	<1	1.07	0.004	0.09	0.1	0.02	1.5	0.2	<0.05	3	<0.5	<0.2
1138627	Soil	29	13	0.35	105	0.007	<1	1.03	0.006	0.06	0.1	0.04	1.6	<0.1	<0.05	2	<0.5	<0.2
1138626	Soil	33	21	0.51	56	0.013	<1	1.29	0.005	0.06	0.1	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1138625	Soil	25	21	0.41	157	0.013	<1	1.17	0.005	0.05	0.2	0.05	2.0	0.2	<0.05	3	<0.5	<0.2
1138594	Soil	23	22	0.39	209	0.028	2	1.24	0.006	0.05	0.3	0.04	2.0	0.1	<0.05	4	<0.5	<0.2
1098254	Soil	49	15	0.41	103	0.009	<1	1.06	0.004	0.07	<0.1	0.03	1.9	0.2	<0.05	3	<0.5	<0.2
1098253	Soil	34	21	0.47	91	0.010	<1	1.43	0.005	0.04	0.1	0.02	1.4	0.2	<0.05	4	<0.5	<0.2
1138595	Soil	32	22	0.41	172	0.019	1	1.36	0.005	0.04	0.1	0.02	2.0	0.1	<0.05	4	<0.5	<0.2
1138596	Soil	38	24	0.43	241	0.016	1	1.50	0.005	0.05	<0.1	0.02	2.0	0.1	<0.05	5	<0.5	<0.2
1098251	Soil	25	23	0.42	168	0.025	<1	1.38	0.004	0.05	0.2	0.03	2.5	0.1	<0.05	4	<0.5	<0.2
1098255	Soil	27	20	0.36	73	0.012	<1	1.16	0.003	0.04	0.2	0.03	1.1	0.1	<0.05	4	<0.5	<0.2
1138600	Soil	27	22	0.41	162	0.023	<1	1.35	0.004	0.05	0.2	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1138597	Soil	36	25	0.44	180	0.018	<1	1.52	0.004	0.04	0.1	0.03	1.8	0.1	<0.05	5	<0.5	<0.2
1138598	Soil	38	23	0.47	226	0.017	<1	1.54	0.005	0.05	0.1	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1138599	Soil	30	22	0.38	161	0.020	<1	1.42	0.003	0.04	0.1	0.03	2.0	0.1	<0.05	4	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 06, 2011

QUALITY CONTROL REPORT DAW11000276.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1078130	Soil	0.8	16.8	33.3	143	0.4	21.6	6.9	527	2.23	103.0	0.9	9.1	4.5	28	0.4	0.5	0.3	27	0.41	0.064
REP 1078130	QC	0.5	16.4	33.6	147	0.3	21.7	7.1	549	2.27	106.2	0.9	6.3	4.8	29	0.6	0.5	0.3	28	0.41	0.066
1078110	Soil	1.2	20.5	17.9	107	0.2	20.2	6.5	395	2.39	87.5	1.0	13.1	2.1	20	0.9	0.6	0.5	38	0.15	0.054
REP 1078110	QC	0.9	19.5	18.3	102	0.2	20.5	6.5	403	2.35	89.6	1.0	4.8	2.1	19	0.8	0.7	0.5	39	0.15	0.058
1138917	Soil	0.7	20.3	11.4	67	0.2	20.4	6.7	242	2.37	10.3	1.2	<0.5	2.8	9	0.4	0.9	0.2	34	0.07	0.050
REP 1138917	QC	0.7	21.5	11.7	69	0.1	21.4	6.9	245	2.38	10.5	1.3	3.0	3.0	9	0.2	0.9	0.2	35	0.07	0.052
1138908	Soil	0.9	23.0	13.5	63	<0.1	24.3	10.6	298	2.68	11.6	0.8	1.9	5.6	11	<0.1	0.6	0.1	30	0.13	0.057
REP 1138908	QC	0.7	22.4	13.1	62	<0.1	25.0	9.7	278	2.51	10.5	0.8	<0.5	5.5	11	0.2	0.6	0.1	29	0.13	0.059
1138723	Soil	0.8	21.5	11.5	63	0.1	19.0	6.7	212	2.10	10.7	1.2	10.8	3.3	11	0.3	0.7	0.2	35	0.11	0.054
REP 1138723	QC	0.7	21.8	11.4	62	0.1	18.8	6.4	217	2.18	10.5	1.3	16.8	3.0	11	0.2	0.7	0.2	34	0.11	0.054
1138719	Soil	0.8	22.4	18.7	56	0.1	20.3	8.1	374	2.45	12.8	1.1	19.8	1.6	11	0.2	0.8	0.2	31	0.12	0.065
REP 1138719	QC	0.9	22.0	18.4	59	0.1	20.5	7.7	368	2.41	12.8	1.1	3.7	2.0	10	0.1	0.9	0.2	30	0.11	0.064
1079986	Soil	0.9	26.2	23.5	68	0.4	20.8	11.0	511	2.63	38.8	1.3	7.6	5.9	10	0.2	1.8	0.2	37	0.12	0.060
REP 1079986	QC	0.9	25.7	23.8	69	0.4	22.1	11.0	525	2.70	37.3	1.3	6.2	5.7	10	0.3	1.6	0.2	35	0.11	0.060
1079994	Soil	0.8	27.3	19.5	71	0.3	19.4	9.1	424	2.42	32.4	1.1	8.3	3.4	10	0.3	0.9	0.3	34	0.11	0.062
REP 1079994	QC	0.8	27.0	19.9	68	0.3	20.0	8.7	428	2.37	31.1	1.1	9.3	3.5	10	0.3	0.8	0.3	34	0.12	0.063
1079728	Soil	0.6	31.3	21.3	284	0.4	22.6	9.1	346	2.23	93.6	0.9	5.8	3.3	32	3.1	0.5	0.8	31	0.23	0.060
REP 1079728	QC	0.6	30.7	21.5	279	0.5	20.8	9.6	335	2.15	94.8	0.9	13.2	3.5	33	3.1	0.6	0.8	32	0.26	0.058
1143699	Soil	0.9	76.5	11.2	314	0.4	27.4	9.7	378	2.61	462.1	1.2	33.7	4.6	23	1.6	1.0	1.4	43	0.17	0.053
REP 1143699	QC	0.8	76.5	11.7	312	0.5	28.9	11.2	411	2.83	479.4	1.1	72.9	4.8	24	1.7	0.9	1.4	46	0.19	0.057
1079733	Soil	0.6	37.8	81.6	384	1.0	19.6	4.8	206	1.94	45.9	1.0	6.3	4.2	16	1.9	0.7	0.5	30	0.20	0.056
REP 1079733	QC	0.5	37.3	82.0	377	1.0	19.1	4.9	198	1.89	45.1	0.9	6.4	4.1	17	1.8	0.6	0.4	31	0.19	0.054
1138868	Soil	0.7	19.6	13.6	63	0.1	17.0	6.4	259	2.14	13.8	1.1	2.7	3.4	11	0.3	1.0	0.2	36	0.12	0.055
REP 1138868	QC	0.7	18.7	13.3	64	0.1	16.3	6.3	254	2.09	13.6	1.1	2.0	3.7	11	0.2	0.9	0.2	34	0.11	0.055
1138703	Soil	0.8	15.8	12.6	56	0.1	14.6	5.6	210	1.98	12.2	0.8	1.0	0.7	9	0.2	0.7	0.2	38	0.10	0.052
REP 1138703	QC	0.9	15.5	12.0	55	0.1	15.1	5.6	207	1.98	12.2	0.8	3.4	0.7	9	0.1	0.8	0.2	38	0.10	0.053
1079694	Soil	0.7	33.7	104.5	347	1.7	18.1	6.5	536	2.18	71.9	1.1	5.5	2.2	14	1.3	0.8	0.5	27	0.20	0.057
REP 1079694	QC	0.8	33.1	104.5	355	1.7	18.2	6.2	543	2.20	71.6	1.1	5.1	2.1	14	1.4	0.7	0.5	27	0.20	0.059

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Project: MAY
Report Date: October 06, 2011

QUALITY CONTROL REPORT DAW11000276.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1078130	Soil	24	21	0.37	192	0.013	<1	1.21	0.005	0.08	0.2	0.05	1.8	0.2	0.06	4	1.1	<0.2
REP 1078130	QC	25	21	0.38	199	0.013	1	1.20	0.005	0.08	0.1	0.06	1.9	0.2	0.07	4	0.8	<0.2
1078110	Soil	17	25	0.40	149	0.028	2	1.52	0.008	0.09	0.3	0.02	1.7	0.3	0.09	5	0.6	<0.2
REP 1078110	QC	18	24	0.37	146	0.027	3	1.46	0.007	0.10	0.4	0.04	1.8	0.3	0.09	6	1.0	<0.2
1138917	Soil	26	22	0.37	129	0.028	3	1.57	0.004	0.05	0.2	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
REP 1138917	QC	26	22	0.38	134	0.026	1	1.60	0.004	0.05	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1138908	Soil	30	21	0.48	80	0.026	2	1.43	0.005	0.06	0.2	0.05	1.5	<0.1	<0.05	4	<0.5	<0.2
REP 1138908	QC	28	20	0.44	75	0.025	2	1.38	0.009	0.05	0.2	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2
1138723	Soil	23	21	0.36	108	0.038	2	1.34	0.005	0.06	0.1	0.03	2.3	0.1	<0.05	4	0.6	<0.2
REP 1138723	QC	23	21	0.36	111	0.035	2	1.37	0.009	0.05	0.3	0.03	2.4	0.1	<0.05	4	<0.5	<0.2
1138719	Soil	26	21	0.36	122	0.018	1	1.25	0.005	0.05	0.3	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
REP 1138719	QC	26	20	0.35	118	0.018	<1	1.23	0.005	0.05	0.3	0.03	1.1	0.1	<0.05	4	<0.5	<0.2
1079986	Soil	28	22	0.36	92	0.022	<1	1.21	0.004	0.05	0.5	0.04	1.4	0.1	<0.05	4	0.7	<0.2
REP 1079986	QC	28	22	0.35	82	0.019	<1	1.10	0.004	0.05	0.5	0.03	1.4	0.1	<0.05	4	1.1	<0.2
1079994	Soil	25	21	0.38	96	0.025	<1	1.21	0.005	0.05	0.3	0.03	1.5	0.1	<0.05	4	0.8	<0.2
REP 1079994	QC	25	21	0.37	98	0.025	<1	1.22	0.005	0.06	0.3	0.05	1.6	0.1	<0.05	4	<0.5	<0.2
1079728	Soil	17	22	0.41	183	0.029	2	1.31	0.007	0.09	0.4	0.03	1.9	0.3	<0.05	4	0.7	<0.2
REP 1079728	QC	18	21	0.43	182	0.031	<1	1.31	0.008	0.09	0.3	0.03	2.2	0.3	<0.05	4	<0.5	<0.2
1143699	Soil	18	38	0.53	190	0.042	2	1.76	0.009	0.12	1.2	0.05	2.6	0.5	<0.05	6	<0.5	<0.2
REP 1143699	QC	18	40	0.59	197	0.044	2	1.81	0.010	0.12	1.0	0.06	2.6	0.5	0.05	6	<0.5	<0.2
1079733	Soil	18	23	0.42	126	0.029	1	1.30	0.006	0.07	0.3	0.05	2.1	0.3	<0.05	4	<0.5	<0.2
REP 1079733	QC	17	22	0.42	122	0.026	1	1.32	0.005	0.07	0.3	0.05	2.2	0.2	<0.05	4	<0.5	<0.2
1138868	Soil	23	22	0.36	93	0.030	2	1.21	0.005	0.05	0.4	0.03	1.8	0.1	<0.05	4	0.6	<0.2
REP 1138868	QC	24	21	0.36	91	0.027	1	1.21	0.004	0.05	0.3	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1138703	Soil	14	20	0.31	114	0.021	1	1.01	0.005	0.04	0.3	0.03	1.0	0.1	<0.05	4	0.5	<0.2
REP 1138703	QC	14	20	0.31	110	0.022	1	1.01	0.005	0.04	0.2	0.03	1.0	<0.1	0.07	4	<0.5	<0.2
1079694	Soil	14	22	0.36	147	0.010	<1	1.12	0.005	0.04	0.2	0.02	1.6	0.1	<0.05	3	<0.5	<0.2
REP 1079694	QC	15	22	0.37	146	0.010	<1	1.13	0.005	0.04	0.2	0.02	1.6	0.1	<0.05	3	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 06, 2011

QUALITY CONTROL REPORT DAW11000276.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1143734	Soil	1.1	166.4	14.7	1448	0.7	25.2	10.6	684	2.85	134.4	1.6	24.1	6.3	19	9.2	0.7	3.9	37	0.16	0.070
REP 1143734	QC	1.0	162.7	15.1	1420	0.7	24.9	10.4	682	2.79	132.3	1.7	26.6	6.7	19	8.9	0.7	3.1	37	0.16	0.068
1138624	Soil	0.5	26.5	26.1	78	0.4	26.3	12.3	590	2.64	22.6	0.8	21.8	9.7	9	0.2	0.7	0.2	23	0.16	0.047
REP 1138624	QC	0.5	25.2	25.6	74	0.4	24.6	12.0	581	2.63	21.5	0.8	3.2	9.7	9	0.2	0.7	0.2	24	0.16	0.046
1138627	Soil	0.6	25.8	34.1	67	0.2	30.8	11.0	594	2.43	15.4	1.0	2.1	9.9	23	0.3	0.6	0.3	15	0.45	0.064
REP 1138627	QC	0.6	27.1	33.8	69	0.2	31.7	11.2	623	2.50	16.0	1.0	1.4	10.2	22	0.2	0.6	0.3	15	0.45	0.062
Reference Materials																					
STD DS8	Standard	13.1	110.5	125.4	306	1.8	38.6	7.7	612	2.50	24.2	2.7	119.0	6.9	60	2.4	4.8	6.2	44	0.68	0.077
STD DS8	Standard	13.9	107.3	117.0	303	1.7	34.8	7.2	591	2.36	25.1	2.8	115.6	7.1	68	2.5	5.3	6.0	41	0.70	0.077
STD DS8	Standard	13.7	113.3	125.2	311	1.8	39.5	8.1	662	2.63	24.1	3.1	100.7	7.4	78	2.4	5.6	6.8	42	0.75	0.079
STD DS8	Standard	12.1	104.3	120.7	295	1.8	35.5	7.1	582	2.32	24.5	2.6	100.3	6.9	70	2.2	5.3	6.9	39	0.70	0.079
STD DS8	Standard	13.8	104.4	120.3	315	1.9	35.4	7.7	628	2.43	25.3	2.7	111.1	7.1	74	1.9	5.5	6.9	42	0.69	0.080
STD DS8	Standard	13.1	107.1	121.4	299	1.7	40.1	7.2	604	2.38	21.6	2.8	103.5	6.7	70	2.1	5.2	6.9	42	0.68	0.080
STD DS8	Standard	13.2	108.4	123.9	308	1.7	38.0	7.5	618	2.45	24.7	2.8	107.5	7.1	69	2.1	5.6	6.4	42	0.71	0.078
STD DS8	Standard	11.0	101.2	110.7	273	1.6	34.8	6.9	534	2.17	22.3	2.6	108.5	6.0	58	1.8	4.8	6.4	36	0.56	0.071
STD DS8	Standard	13.3	113.2	126.0	316	1.8	39.5	7.9	635	2.54	24.5	2.9	112.3	7.0	73	2.4	5.7	6.9	46	0.71	0.081
STD DS8	Standard	13.7	116.3	124.6	291	1.7	40.1	8.1	585	2.40	24.2	2.7	116.1	6.3	60	2.3	4.8	6.2	45	0.65	0.076
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 06, 2011

QUALITY CONTROL REPORT DAW11000276.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1143734	Soil	18	28	0.40	147	0.041	1	1.52	0.010	0.08	3.4	0.03	3.0	0.3	0.07	5	0.8	<0.2
REP 1143734	QC	19	27	0.39	148	0.041	2	1.49	0.010	0.08	3.3	0.03	2.8	0.3	<0.05	5	<0.5	<0.2
1138624	Soil	29	22	0.52	97	0.005	<1	1.57	0.004	0.05	<0.1	0.04	1.6	0.2	<0.05	4	<0.5	<0.2
REP 1138624	QC	28	23	0.54	97	0.005	<1	1.59	0.006	0.05	<0.1	0.03	1.7	0.2	<0.05	4	<0.5	<0.2
1138627	Soil	29	13	0.35	105	0.007	<1	1.03	0.006	0.06	0.1	0.04	1.6	<0.1	<0.05	2	<0.5	<0.2
REP 1138627	QC	29	13	0.34	103	0.008	<1	0.96	0.006	0.06	0.1	0.04	1.8	<0.1	<0.05	2	0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	117	0.59	272	0.115	3	0.90	0.090	0.39	3.0	0.22	2.2	5.2	0.18	4	5.9	5.2
STD DS8	Standard	18	112	0.59	287	0.114	3	0.92	0.099	0.40	3.0	0.20	2.1	5.3	0.14	5	5.2	4.7
STD DS8	Standard	18	123	0.65	278	0.128	2	1.03	0.113	0.45	2.8	0.20	3.0	5.5	0.14	5	5.7	4.8
STD DS8	Standard	17	109	0.60	293	0.111	2	0.95	0.100	0.43	3.1	0.18	2.4	5.7	0.16	5	5.3	4.9
STD DS8	Standard	18	113	0.64	289	0.119	3	0.97	0.090	0.43	3.2	0.22	2.8	5.2	0.15	5	5.2	6.3
STD DS8	Standard	17	116	0.61	287	0.120	4	0.95	0.089	0.39	2.8	0.18	2.6	5.4	0.18	5	3.3	4.2
STD DS8	Standard	17	114	0.61	275	0.125	3	0.96	0.109	0.43	2.7	0.18	2.4	5.3	0.18	5	4.7	5.0
STD DS8	Standard	11	104	0.53	234	0.091	2	0.78	0.082	0.36	2.5	0.18	2.2	4.7	0.13	4	4.0	4.3
STD DS8	Standard	16	121	0.65	313	0.131	2	1.05	0.103	0.47	3.1	0.21	2.9	5.4	0.16	5	4.7	4.7
STD DS8	Standard	12	122	0.60	252	0.110	3	0.92	0.109	0.41	2.8	0.19	2.9	5.2	0.13	5	4.8	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: September 05, 2011
Report Date: October 07, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS DAW11000277.1

CLIENT JOB INFORMATION

Project: MAY
Shipment ID: MAY2011-03
P.O. Number
Number of Samples: 129

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	129	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	129	Dry at 60C			WHI
1DX2	127	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 07, 2011

CERTIFICATE OF ANALYSIS DAW11000277.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1138691	Soil		0.7	84.2	47.2	525	0.7	61.1	25.2	962	4.24	213.8	3.2	21.5	13.3	51	5.4	0.9	1.3	37	0.31	0.099
1138692	Soil		0.9	209.1	100.7	869	4.0	44.8	32.1	1023	5.12	880.7	5.2	26.1	15.1	50	9.8	1.1	8.3	28	0.17	0.103
1138693	Soil		0.9	125.4	47.7	460	1.6	45.6	27.1	935	4.54	411.4	5.0	71.2	14.2	35	4.9	0.9	3.5	30	0.16	0.117
1138694	Soil		0.6	42.0	85.1	287	1.7	72.4	21.1	1332	3.80	246.9	1.6	23.3	10.7	40	1.5	1.8	0.9	46	0.45	0.089
1138696	Soil		1.4	48.3	57.0	276	0.9	24.8	15.2	1187	3.27	113.7	1.3	8.9	3.0	9	1.4	1.3	0.8	40	0.08	0.073
1138695	Soil		0.8	117.6	195.7	1190	10.5	42.7	18.9	5365	4.22	226.3	2.2	29.8	11.8	47	12.6	2.5	1.4	36	0.49	0.084
1138697	Soil		0.5	74.2	95.1	653	1.2	35.3	15.1	1229	2.94	58.0	1.5	4.2	15.5	24	4.3	0.9	0.6	34	0.33	0.057
1138698	Soil		0.8	38.2	42.4	167	1.3	31.7	10.4	960	3.12	90.2	1.2	9.5	4.4	15	1.0	1.0	0.5	37	0.15	0.069
1138699	Soil		0.8	25.7	21.7	110	0.5	26.5	8.6	358	2.59	70.8	0.7	11.8	2.8	12	0.4	0.8	0.4	37	0.14	0.042
1138700	Soil		0.8	32.7	20.0	163	0.3	39.0	14.8	489	3.10	104.9	1.4	15.6	5.7	33	0.8	0.7	0.4	40	0.34	0.077
1138682	Soil		0.7	38.9	32.7	466	0.5	28.7	12.8	671	2.76	436.2	1.4	27.5	5.6	18	2.6	1.0	1.3	35	0.16	0.050
1138681	Soil		0.8	22.8	14.6	103	<0.1	27.0	11.1	411	2.68	50.1	1.1	6.6	2.0	21	0.5	0.7	0.3	39	0.18	0.070
1138832	Soil		0.9	17.7	20.0	77	0.2	16.5	7.8	485	2.48	88.4	0.9	28.2	0.7	11	0.4	0.7	0.5	40	0.08	0.052
1138833	Soil		1.1	15.0	13.3	57	<0.1	14.0	7.3	414	2.44	33.2	0.9	3.9	0.7	11	0.3	0.6	0.4	42	0.07	0.051
1138834	Soil		0.7	25.6	14.6	81	<0.1	18.9	8.6	367	2.31	41.8	1.4	10.5	5.0	13	0.2	0.7	0.4	35	0.10	0.053
1138684	Soil		0.9	22.2	40.4	224	0.3	26.9	9.9	928	2.58	206.5	1.5	25.3	6.1	18	0.7	1.5	0.4	32	0.20	0.048
1138683	Soil		0.7	35.9	13.2	207	0.2	27.9	11.7	427	2.47	92.3	1.6	9.3	8.3	25	1.2	0.7	0.3	35	0.23	0.077
1138685	Soil		1.1	34.2	43.5	245	0.3	34.5	15.7	1657	3.55	296.2	2.1	17.6	3.5	22	0.8	1.0	0.6	45	0.29	0.087
1138686	Soil		0.8	31.8	14.0	94	0.2	30.9	12.5	712	2.93	249.7	1.6	36.7	5.7	23	0.3	1.0	0.4	36	0.21	0.062
1138687	Soil		0.8	30.6	14.8	131	0.2	30.9	12.7	519	3.00	191.5	1.7	35.4	6.4	22	0.9	0.7	0.5	40	0.19	0.070
1138688	Soil		0.8	24.5	11.3	76	0.1	24.7	10.7	461	2.57	179.0	1.3	24.3	4.0	21	0.4	0.7	0.2	36	0.20	0.068
1138689	Soil		0.8	31.7	16.3	92	0.2	32.0	11.8	454	3.22	513.9	1.8	44.0	6.5	24	0.4	0.8	0.5	39	0.16	0.059
1138690	Soil		0.7	24.3	11.0	79	<0.1	25.0	10.7	424	2.86	119.4	1.3	8.5	4.3	23	0.3	0.5	0.4	38	0.18	0.060
1138828	Soil		0.9	18.0	10.4	73	<0.1	17.9	8.3	328	2.52	36.0	0.9	12.3	1.8	18	0.4	0.5	0.4	38	0.19	0.054
1138829	Soil		0.8	25.1	24.7	130	0.2	22.4	10.8	641	2.67	147.9	1.3	20.3	3.4	17	0.7	0.7	0.5	37	0.15	0.050
1138830	Soil		0.9	23.3	16.7	93	0.1	19.6	10.0	547	2.74	101.5	1.1	11.1	1.7	13	0.3	0.6	0.4	44	0.13	0.058
1138831	Soil		1.0	18.6	19.4	84	0.2	16.1	8.2	512	2.52	91.9	1.0	7.3	0.7	10	0.3	0.6	0.4	39	0.09	0.058
1138670	Soil		0.9	26.8	12.5	67	0.1	21.7	8.2	308	2.56	60.1	0.9	15.0	4.3	11	0.3	0.7	0.3	36	0.08	0.045
1138672	Soil		0.8	51.4	16.8	252	0.4	25.6	10.7	566	2.71	81.4	1.5	28.7	8.8	17	1.9	0.7	0.5	37	0.15	0.054
1138669	Soil		0.8	38.3	15.4	87	0.2	30.0	16.3	514	2.72	514.9	1.2	30.9	6.7	26	0.3	0.9	0.5	31	0.15	0.050

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 07, 2011

CERTIFICATE OF ANALYSIS DAW11000277.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1138691	Soil		44	49	0.93	101	0.045	2	2.09	0.013	0.17	0.3	0.02	3.1	0.4	0.05	6	0.6	<0.2
1138692	Soil		61	33	0.69	143	0.022	<1	2.06	0.020	0.13	0.5	0.06	2.7	0.5	0.14	6	1.2	<0.2
1138693	Soil		69	30	0.69	117	0.023	2	1.95	0.013	0.10	0.4	0.06	2.4	0.3	0.10	6	1.4	<0.2
1138694	Soil		28	70	1.02	108	0.083	1	1.92	0.017	0.25	0.4	0.02	3.8	0.7	<0.05	6	0.8	<0.2
1138696	Soil		22	25	0.39	80	0.015	1	1.53	0.004	0.06	0.3	0.06	1.4	0.3	<0.05	5	0.8	<0.2
1138695	Soil		35	34	0.65	92	0.040	2	1.86	0.038	0.20	0.3	0.06	4.0	0.6	0.05	6	1.0	<0.2
1138697	Soil		40	32	0.77	211	0.013	<1	2.14	0.003	0.23	0.2	0.02	3.6	1.0	<0.05	7	0.9	<0.2
1138698	Soil		24	30	0.52	165	0.018	<1	1.82	0.006	0.08	0.2	0.03	2.2	0.6	<0.05	6	<0.5	<0.2
1138699	Soil		15	26	0.46	126	0.022	<1	1.55	0.005	0.08	0.3	0.04	1.9	0.4	<0.05	5	<0.5	<0.2
1138700	Soil		19	28	0.58	202	0.048	1	1.90	0.012	0.22	0.4	0.04	2.7	0.6	<0.05	6	0.6	<0.2
1138682	Soil		20	25	0.52	188	0.033	2	1.55	0.008	0.10	0.5	0.05	2.5	0.3	<0.05	4	<0.5	<0.2
1138681	Soil		18	26	0.55	195	0.036	<1	1.71	0.008	0.10	0.5	0.06	1.5	0.3	0.06	5	<0.5	<0.2
1138832	Soil		13	23	0.38	118	0.020	1	1.36	0.006	0.05	0.5	0.07	0.9	0.2	0.07	5	<0.5	<0.2
1138833	Soil		12	22	0.32	126	0.022	<1	1.40	0.005	0.05	0.2	0.04	0.8	0.2	0.06	5	<0.5	<0.2
1138834	Soil		19	22	0.46	117	0.033	<1	1.45	0.005	0.06	1.2	0.04	2.1	0.2	<0.05	4	<0.5	<0.2
1138684	Soil		19	22	0.44	146	0.028	<1	1.17	0.006	0.09	0.7	0.05	1.9	0.3	<0.05	4	<0.5	<0.2
1138683	Soil		19	23	0.44	198	0.041	1	1.41	0.006	0.13	0.5	0.04	2.3	0.3	<0.05	5	1.3	<0.2
1138685	Soil		19	31	0.58	223	0.030	1	1.91	0.009	0.12	0.4	0.06	2.9	0.3	<0.05	6	0.9	<0.2
1138686	Soil		21	27	0.53	189	0.030	<1	1.67	0.008	0.11	0.7	0.04	2.3	0.3	<0.05	5	0.6	<0.2
1138687	Soil		19	30	0.61	197	0.045	1	1.88	0.016	0.09	0.5	0.04	3.1	0.2	0.06	5	0.7	<0.2
1138688	Soil		15	24	0.42	201	0.032	1	1.57	0.010	0.10	0.7	0.04	2.2	0.2	<0.05	5	0.8	<0.2
1138689	Soil		19	30	0.57	217	0.038	<1	1.99	0.011	0.15	0.6	0.05	2.7	0.4	0.08	6	0.8	<0.2
1138690	Soil		16	28	0.52	202	0.030	<1	1.93	0.007	0.11	0.5	0.04	2.1	0.3	<0.05	6	0.6	<0.2
1138828	Soil		13	25	0.35	142	0.029	1	1.54	0.006	0.08	0.4	0.04	1.3	0.2	0.06	5	0.7	<0.2
1138829	Soil		16	24	0.40	141	0.029	<1	1.46	0.006	0.09	0.5	0.04	1.9	0.2	<0.05	4	0.6	<0.2
1138830	Soil		15	26	0.40	142	0.028	<1	1.63	0.005	0.06	0.4	0.04	1.6	0.2	<0.05	5	<0.5	<0.2
1138831	Soil		13	24	0.32	119	0.020	<1	1.41	0.005	0.06	0.4	0.04	1.0	0.2	<0.05	5	<0.5	<0.2
1138670	Soil		14	23	0.38	127	0.030	<1	1.56	0.005	0.08	0.7	0.04	2.0	0.4	0.05	4	0.6	<0.2
1138672	Soil		20	26	0.43	160	0.043	2	1.45	0.008	0.11	0.9	0.04	2.5	0.2	<0.05	5	0.8	<0.2
1138669	Soil		19	21	0.41	130	0.029	<1	1.57	0.007	0.11	0.5	0.03	1.9	0.3	<0.05	5	0.8	<0.2

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Project: MAY
Report Date: October 07, 2011

CERTIFICATE OF ANALYSIS DAW11000277.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1138674	Soil	0.8	76.5	44.8	448	0.5	37.2	19.7	1548	3.54	186.6	2.0	41.5	11.1	44	2.7	0.9	0.6	35	0.24	0.076
1138671	Soil	0.8	48.5	78.9	322	0.4	23.4	10.7	541	2.79	73.7	1.4	12.1	8.5	22	1.8	0.8	0.5	32	0.16	0.061
1138673	Soil	0.9	64.4	23.4	321	0.4	27.8	12.9	1143	2.80	142.9	1.6	15.0	8.6	28	2.4	0.7	0.6	36	0.28	0.066
1138675	Soil	0.7	193.1	32.1	2237	1.2	35.3	17.1	943	3.70	381.6	2.2	18.6	12.8	40	16.7	0.7	1.4	35	0.34	0.059
1099276	Soil	0.5	75.8	146.0	295	1.5	38.1	18.2	970	3.22	230.6	2.3	23.3	12.7	42	2.8	1.1	1.2	23	0.26	0.058
1099275	Soil	0.7	24.2	26.7	95	0.3	32.6	14.0	528	2.49	194.8	1.1	53.5	5.6	16	0.6	0.8	0.6	24	0.17	0.042
1099277	Soil	1.1	52.2	82.2	226	0.4	38.1	23.6	1070	3.48	75.9	2.4	9.5	4.5	20	1.6	0.9	0.8	35	0.16	0.090
1099278	Soil	0.7	42.8	104.8	732	1.5	32.6	12.5	1116	3.09	296.1	1.4	8.9	5.5	23	7.0	1.2	1.7	37	0.36	0.059
1099280	Soil	0.8	45.3	35.0	124	0.7	36.2	17.5	599	3.09	276.1	2.6	15.5	6.8	19	0.6	1.0	1.0	33	0.21	0.059
1099279	Soil	0.9	17.0	28.3	103	0.2	20.8	7.6	358	2.58	31.3	0.7	2.8	2.9	10	0.6	0.9	0.7	45	0.08	0.036
1138652	Soil	1.1	18.5	38.7	117	0.5	17.1	5.8	354	2.35	41.2	0.9	5.7	1.0	12	0.6	0.6	0.4	40	0.14	0.077
1138651	Soil	0.7	29.5	40.5	305	0.8	29.7	11.0	708	2.95	108.2	1.5	15.5	4.8	22	2.3	0.7	0.8	39	0.28	0.056
1138654	Soil	1.0	29.0	46.9	295	0.8	26.6	11.4	1278	2.84	102.2	1.4	7.6	5.0	17	1.0	1.3	0.6	37	0.18	0.069
1138653	Soil	0.7	22.5	35.4	113	0.7	22.7	8.3	441	2.32	101.5	1.1	78.9	3.0	13	0.5	0.9	0.3	34	0.15	0.054
1138656	Soil	1.1	51.3	65.8	802	1.0	24.9	10.3	898	2.69	142.1	1.3	13.1	3.3	12	6.3	1.8	1.7	42	0.14	0.049
1138655	Soil	0.7	42.4	110.9	689	2.3	29.6	10.7	1455	3.14	409.7	1.6	25.5	6.4	26	4.3	2.0	0.9	35	0.29	0.063
1138658	Soil	0.9	23.9	35.5	144	0.3	20.8	6.4	1067	2.22	86.2	0.9	15.5	4.5	15	0.5	1.0	0.3	36	0.16	0.059
1138657	Soil	1.0	24.4	19.7	106	0.1	27.5	11.2	589	2.59	60.3	1.0	7.0	6.1	16	0.5	0.8	0.3	39	0.18	0.053
1138659	Soil	0.9	19.6	11.0	59	<0.1	20.7	9.0	298	2.25	235.5	0.7	18.9	4.3	14	0.1	0.8	0.3	37	0.14	0.042
1138660	Soil	1.0	31.8	12.0	94	0.1	22.4	10.5	368	2.61	149.6	1.7	22.6	7.4	18	0.6	0.9	0.6	40	0.17	0.075
1138661	Soil	1.1	24.1	11.8	90	0.1	27.8	11.9	449	2.38	144.8	1.5	45.8	3.8	18	0.6	1.0	0.3	41	0.19	0.084
1138662	Soil	0.8	25.7	14.5	88	0.2	25.4	15.0	543	2.70	695.9	1.5	228.0	4.9	43	0.4	1.2	1.1	34	0.31	0.095
1138663	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138664	Soil	0.6	22.6	10.6	63	0.2	24.8	10.5	389	2.42	134.5	1.0	131.8	6.1	31	0.4	0.8	0.7	33	0.21	0.050
1138666	Soil	0.9	39.0	21.6	124	0.4	30.6	14.4	881	3.50	158.9	2.1	21.0	5.9	29	0.4	0.9	0.8	42	0.26	0.064
1138665	Soil	0.8	22.4	10.5	61	0.1	22.4	9.8	370	2.55	104.0	1.1	17.2	3.6	16	0.2	0.8	0.4	36	0.16	0.045
1138668	Soil	0.7	45.9	15.2	85	0.1	31.0	12.9	534	3.16	158.2	1.6	30.6	12.1	23	0.3	0.6	0.7	35	0.19	0.064
1138667	Soil	0.7	27.8	19.7	92	0.3	24.1	10.4	518	2.53	67.4	1.2	22.9	5.0	21	0.5	0.7	0.6	34	0.20	0.057
1099284	Soil	1.2	78.8	321.9	1064	1.1	31.9	15.6	4587	3.46	207.1	2.5	35.4	14.3	31	9.6	2.2	1.1	31	0.19	0.054
1098246	Soil	1.4	48.9	26.9	126	0.3	23.7	8.7	388	3.13	87.0	1.5	11.2	1.1	20	0.5	0.8	0.9	51	0.12	0.084

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1138674	Soil		29	26	0.48	179	0.048	1	1.73	0.015	0.20	1.1	0.05	2.6	0.4	0.12	5	0.8	<0.2
1138671	Soil		20	24	0.43	153	0.041	1	1.42	0.009	0.16	0.7	0.03	2.4	0.3	0.06	4	0.7	<0.2
1138673	Soil		23	23	0.42	133	0.040	<1	1.35	0.011	0.12	1.1	0.04	2.4	0.2	<0.05	4	0.7	<0.2
1138675	Soil		30	29	0.62	156	0.074	2	2.05	0.028	0.19	0.7	0.04	3.3	0.3	<0.05	6	1.0	<0.2
1099276	Soil		35	23	0.60	87	0.012	2	1.65	0.004	0.11	0.2	0.02	2.0	0.4	<0.05	5	0.7	<0.2
1099275	Soil		26	18	0.37	116	0.021	<1	1.12	0.005	0.08	2.2	0.03	1.6	0.1	<0.05	3	<0.5	<0.2
1099277	Soil		43	27	0.47	136	0.019	1	1.60	0.008	0.06	0.2	0.06	1.5	0.2	0.06	5	<0.5	<0.2
1099278	Soil		30	28	0.48	158	0.036	1	1.36	0.006	0.12	0.4	0.05	2.3	0.3	<0.05	5	<0.5	<0.2
1099280	Soil		49	24	0.46	152	0.021	<1	1.40	0.008	0.08	0.4	0.04	2.3	0.3	<0.05	4	0.6	<0.2
1099279	Soil		16	27	0.39	117	0.036	1	1.29	0.005	0.06	0.4	0.05	1.7	0.2	<0.05	4	<0.5	<0.2
1138652	Soil		16	26	0.34	130	0.019	<1	1.42	0.006	0.06	0.3	0.04	1.2	0.4	0.05	5	<0.5	<0.2
1138651	Soil		27	28	0.46	193	0.030	1	1.60	0.016	0.09	0.4	0.06	2.3	0.3	<0.05	5	<0.5	<0.2
1138654	Soil		18	26	0.46	128	0.036	1	1.44	0.007	0.14	0.5	0.06	2.3	0.3	<0.05	4	<0.5	<0.2
1138653	Soil		19	22	0.37	138	0.021	<1	1.15	0.005	0.07	0.4	0.03	1.9	0.2	<0.05	3	<0.5	<0.2
1138656	Soil		21	24	0.38	159	0.029	1	1.22	0.006	0.05	0.8	0.05	2.5	0.3	<0.05	4	<0.5	<0.2
1138655	Soil		26	29	0.61	122	0.038	2	1.83	0.009	0.15	0.6	0.02	3.4	0.5	<0.05	6	<0.5	<0.2
1138658	Soil		17	22	0.40	96	0.041	2	1.13	0.006	0.06	0.3	0.03	2.8	0.1	<0.05	4	0.7	<0.2
1138657	Soil		18	27	0.53	179	0.049	2	1.71	0.007	0.13	0.4	0.03	2.6	0.3	<0.05	5	<0.5	<0.2
1138659	Soil		13	22	0.42	133	0.049	<1	1.25	0.007	0.10	0.8	0.03	1.9	0.2	<0.05	4	<0.5	<0.2
1138660	Soil		18	25	0.44	153	0.049	1	1.34	0.006	0.07	0.8	0.06	2.6	0.2	<0.05	4	<0.5	<0.2
1138661	Soil		20	22	0.34	177	0.041	1	1.23	0.006	0.06	0.6	0.05	2.2	0.1	<0.05	3	<0.5	<0.2
1138662	Soil		18	24	0.42	218	0.040	1	1.42	0.009	0.15	0.7	0.05	1.7	0.3	0.06	4	<0.5	<0.2
1138663	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138664	Soil		17	23	0.45	189	0.041	<1	1.37	0.016	0.08	0.7	0.03	2.2	0.2	<0.05	4	<0.5	<0.2
1138666	Soil		25	30	0.59	250	0.034	1	1.97	0.014	0.13	0.4	0.05	2.8	0.4	<0.05	6	<0.5	<0.2
1138665	Soil		16	23	0.40	134	0.030	1	1.31	0.007	0.06	0.4	0.05	1.8	0.2	<0.05	4	<0.5	<0.2
1138668	Soil		27	28	0.60	144	0.039	<1	1.98	0.007	0.24	0.7	0.02	2.5	0.7	<0.05	6	<0.5	<0.2
1138667	Soil		18	24	0.42	175	0.032	16	1.49	0.009	0.11	0.5	0.03	2.0	0.3	<0.05	5	<0.5	<0.2
1099284	Soil		33	22	0.65	143	0.038	1	1.56	0.009	0.12	0.7	0.03	2.9	0.4	<0.05	5	<0.5	<0.2
1098246	Soil		18	32	0.51	152	0.026	1	2.20	0.011	0.08	0.4	0.06	1.4	0.3	0.07	7	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 07, 2011

CERTIFICATE OF ANALYSIS DAW11000277.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098248	Soil		0.7	83.6	36.6	501	0.3	31.0	13.6	1428	3.10	74.9	1.7	37.4	11.1	33	3.6	1.3	3.2	34	0.19	0.057
1098244	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1098247	Soil		0.9	86.6	38.0	529	0.4	30.8	14.1	1467	3.18	79.4	1.6	18.2	11.4	34	3.8	1.3	3.4	35	0.19	0.058
1099281	Soil		0.8	93.2	64.9	880	0.8	37.2	21.6	2336	3.23	293.0	2.3	34.5	15.4	33	10.5	2.1	1.3	30	0.20	0.057
1099285	Soil		1.1	32.4	34.9	149	0.2	14.4	7.2	505	2.14	50.8	0.9	11.3	1.1	23	1.3	0.6	0.7	33	0.23	0.086
1098245	Soil		1.6	37.2	42.2	165	0.5	28.7	14.1	1526	3.52	256.7	1.5	16.6	1.7	36	0.7	0.7	0.8	44	0.34	0.086
1099282	Soil		0.9	93.6	69.2	913	0.9	38.7	22.1	2537	3.26	288.0	2.0	40.9	13.9	30	10.5	2.0	1.2	31	0.20	0.058
1099283	Soil		1.4	78.7	338.9	1124	1.0	33.9	16.0	4889	3.56	200.2	2.1	25.8	11.9	30	9.3	2.0	1.1	31	0.18	0.052
1099286	Soil		1.4	75.7	58.8	672	0.4	34.0	13.6	2139	3.35	140.5	1.2	15.5	4.3	19	3.7	1.0	0.7	45	0.14	0.075
1099288	Soil		1.2	69.9	69.0	506	0.6	31.8	16.2	1414	3.33	212.4	1.6	22.0	5.9	28	1.9	1.5	0.9	36	0.28	0.057
1098238	Soil		0.8	28.3	12.5	88	0.2	28.9	11.3	440	2.76	531.6	1.5	52.0	6.7	27	0.4	0.9	0.7	34	0.24	0.066
1098242	Soil		1.2	19.3	10.5	54	0.2	16.4	5.9	264	1.77	59.0	0.9	13.3	0.7	22	0.3	0.5	0.4	34	0.23	0.090
1096349	Soil		0.6	29.3	13.9	82	0.2	32.1	12.9	1132	2.89	276.4	1.3	37.6	9.2	24	0.2	1.1	0.4	32	0.23	0.053
1096347	Soil		0.8	31.0	20.6	152	0.3	32.8	14.4	849	2.58	56.8	1.1	14.3	8.0	37	1.0	0.9	0.5	38	0.40	0.079
1098239	Soil		0.6	25.5	12.1	75	0.3	28.4	11.1	477	2.76	182.2	1.3	23.8	5.0	28	0.3	0.7	0.5	35	0.35	0.061
1096350	Soil		1.1	39.8	14.4	109	0.2	31.7	14.4	473	2.84	218.8	1.6	17.7	2.8	37	0.5	0.9	0.6	39	0.30	0.090
1096348	Soil		0.8	30.0	57.9	204	0.6	27.7	11.3	1321	2.64	208.8	1.4	32.8	6.8	18	1.0	1.0	0.5	37	0.20	0.064
1098243	Soil		1.4	19.1	13.2	64	<0.1	14.5	6.3	329	2.51	35.4	0.9	8.8	0.8	12	0.5	0.7	0.4	49	0.10	0.060
1098241	Soil		0.9	19.3	12.1	68	<0.1	20.1	9.6	442	2.52	56.3	0.8	5.8	1.8	11	0.4	0.7	0.3	42	0.10	0.052
1098240	Soil		1.0	16.1	10.4	62	0.1	16.1	7.5	321	2.31	56.5	0.7	12.3	1.4	13	0.5	0.6	0.4	43	0.11	0.058
1098343	Soil		0.9	35.0	76.9	424	0.5	24.9	9.4	560	2.43	31.2	0.8	3.4	2.9	9	1.1	1.0	0.8	36	0.08	0.030
1098347	Soil		1.0	25.2	13.9	247	0.1	20.6	7.2	275	2.37	25.7	0.7	3.9	3.0	10	1.2	0.8	0.6	38	0.10	0.039
1098348	Soil		0.7	21.6	14.1	285	0.2	19.6	8.0	286	2.32	46.9	0.7	5.4	3.0	10	1.4	0.7	0.7	32	0.09	0.030
1099287	Soil		0.8	39.0	26.4	589	0.5	26.1	13.2	617	2.30	163.5	1.1	15.1	2.5	21	5.4	0.7	0.5	29	0.32	0.078
1098342	Soil		0.9	45.0	26.2	115	0.3	39.5	20.7	556	2.54	49.6	1.5	5.3	2.3	9	0.4	0.9	0.4	29	0.10	0.059
1098345	Soil		0.8	22.9	36.3	142	1.1	19.6	6.5	534	2.12	57.5	0.7	6.7	2.0	10	0.7	1.2	0.3	32	0.11	0.075
1098337	Soil		0.5	96.8	260.6	669	2.7	41.2	18.9	2110	3.18	299.5	1.8	76.2	13.2	24	5.9	1.8	3.9	21	0.28	0.066
1098237	Soil		0.7	29.2	14.4	70	0.2	27.1	11.0	493	2.68	129.1	1.6	14.2	6.9	28	0.3	0.8	0.3	36	0.26	0.058
1098344	Soil		0.9	33.5	59.1	260	0.7	22.7	8.0	467	2.25	26.4	0.7	50.5	2.9	9	1.1	1.0	0.4	33	0.10	0.044
1098346	Soil		1.0	24.1	11.6	72	<0.1	23.1	8.4	245	2.23	12.0	0.7	2.0	3.9	14	0.3	0.8	0.2	40	0.18	0.062

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Project: MAY
Report Date: October 07, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098248	Soil	25	23	0.49	140	0.047	2	1.44	0.013	0.12	2.9	0.04	2.8	0.3	<0.05	5	<0.5	<0.2
1098244	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1098247	Soil	27	25	0.49	140	0.047	3	1.53	0.013	0.12	3.2	0.04	3.0	0.3	<0.05	5	<0.5	<0.2
1099281	Soil	33	21	0.44	105	0.035	2	1.19	0.008	0.13	1.9	0.02	2.8	0.4	<0.05	4	<0.5	<0.2
1099285	Soil	12	21	0.39	130	0.027	2	1.36	0.025	0.06	0.3	0.09	1.5	0.3	0.10	4	<0.5	<0.2
1098245	Soil	18	31	0.51	194	0.022	1	2.07	0.012	0.11	0.5	0.05	1.6	0.4	0.10	7	<0.5	<0.2
1099282	Soil	31	21	0.43	107	0.034	2	1.17	0.012	0.13	1.9	0.05	2.6	0.4	<0.05	4	<0.5	<0.2
1099283	Soil	30	23	0.64	148	0.035	2	1.53	0.007	0.11	0.6	0.04	2.9	0.4	<0.05	5	0.8	<0.2
1099286	Soil	22	32	0.44	145	0.037	2	1.87	0.007	0.09	1.3	0.10	2.5	0.3	0.05	6	0.7	<0.2
1099288	Soil	22	26	0.45	120	0.037	2	1.56	0.016	0.09	1.0	0.05	2.8	0.2	0.08	5	0.9	<0.2
1098238	Soil	19	25	0.45	223	0.036	2	1.48	0.010	0.10	0.8	0.03	2.5	0.3	<0.05	5	<0.5	<0.2
1098242	Soil	14	21	0.28	125	0.030	3	1.23	0.010	0.08	0.5	0.06	0.9	0.2	0.12	4	0.8	<0.2
1096349	Soil	23	26	0.53	117	0.051	2	1.54	0.009	0.21	0.8	0.04	2.8	0.3	<0.05	5	<0.5	<0.2
1096347	Soil	22	24	0.45	146	0.051	2	1.17	0.019	0.11	0.9	0.09	2.7	0.3	<0.05	4	0.6	<0.2
1098239	Soil	21	27	0.47	205	0.030	2	1.58	0.017	0.09	0.5	0.04	2.5	0.3	<0.05	5	0.7	<0.2
1096350	Soil	19	27	0.51	165	0.033	2	1.72	0.021	0.10	0.7	0.08	2.3	0.2	0.06	5	0.9	<0.2
1096348	Soil	22	24	0.42	140	0.040	2	1.19	0.006	0.09	0.8	0.06	2.8	0.2	<0.05	4	<0.5	<0.2
1098243	Soil	13	25	0.27	116	0.024	1	1.54	0.005	0.05	0.3	0.06	1.1	0.2	<0.05	6	0.7	<0.2
1098241	Soil	14	25	0.35	113	0.026	2	1.51	0.005	0.05	0.5	0.05	1.7	0.1	<0.05	5	0.7	<0.2
1098240	Soil	11	30	0.30	142	0.030	1	1.69	0.008	0.05	0.3	0.06	1.5	0.2	<0.05	5	0.5	<0.2
1098343	Soil	15	21	0.35	92	0.021	1	1.18	0.005	0.05	0.2	0.04	1.8	0.2	<0.05	3	0.6	<0.2
1098347	Soil	14	23	0.40	95	0.036	<1	1.31	0.005	0.08	0.3	0.04	2.1	0.2	<0.05	4	<0.5	<0.2
1098348	Soil	12	20	0.33	122	0.034	<1	1.19	0.005	0.09	0.3	0.04	1.7	0.3	<0.05	4	0.8	<0.2
1099287	Soil	15	22	0.30	117	0.032	2	1.18	0.014	0.08	1.8	0.06	1.8	0.2	0.08	4	0.9	<0.2
1098342	Soil	33	19	0.41	93	0.013	1	1.28	0.006	0.05	0.2	0.05	1.3	0.1	<0.05	4	0.8	<0.2
1098345	Soil	16	20	0.32	106	0.010	<1	1.22	0.006	0.06	0.2	0.04	1.4	0.4	<0.05	3	<0.5	<0.2
1098337	Soil	39	18	0.48	98	0.024	<1	1.12	0.008	0.10	0.4	0.03	1.9	0.3	<0.05	3	0.6	<0.2
1098237	Soil	22	27	0.46	203	0.039	1	1.42	0.017	0.10	0.7	0.05	2.8	0.2	<0.05	4	<0.5	<0.2
1098344	Soil	15	20	0.34	110	0.015	1	1.14	0.005	0.05	0.3	0.05	1.8	0.2	<0.05	3	0.6	<0.2
1098346	Soil	14	23	0.43	127	0.040	2	1.32	0.006	0.07	0.3	0.03	2.4	0.1	<0.05	4	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098338	Soil	1.0	118.2	91.8	773	1.8	39.4	22.2	1452	3.54	231.7	2.4	9.6	7.3	18	8.8	1.2	2.2	34	0.16	0.095
1098341	Soil	0.6	24.8	21.3	82	0.3	31.1	10.7	545	2.48	72.9	0.7	131.2	5.5	16	0.5	0.9	0.3	30	0.19	0.027
1098340	Soil	0.7	24.7	19.2	143	0.2	20.3	7.9	351	2.30	40.2	0.8	3.5	2.7	9	0.8	0.7	0.6	32	0.08	0.036
1098339	Soil	0.9	34.0	53.2	136	0.5	25.6	10.9	509	2.87	174.8	1.7	19.1	2.5	15	0.9	1.0	0.6	31	0.12	0.089
1098269	Soil	0.6	29.1	25.4	197	0.4	22.0	9.0	580	2.50	149.6	1.5	15.3	3.2	16	1.4	0.8	0.9	32	0.25	0.062
1098263	Soil	0.6	27.1	87.0	350	1.2	24.3	10.0	840	2.51	59.2	1.1	4.9	4.2	13	3.2	0.8	0.6	27	0.17	0.055
1098265	Soil	0.4	81.7	586.0	839	31.1	42.2	11.9	1035	2.97	189.8	1.8	17.5	8.6	17	3.6	3.9	1.1	32	0.23	0.057
1098264	Soil	0.7	40.6	72.1	201	0.7	30.8	12.0	692	2.99	131.2	1.7	10.4	4.8	15	1.4	0.9	0.8	31	0.15	0.057
1098267	Soil	0.6	65.9	65.5	401	2.3	30.8	11.0	796	2.88	349.4	1.4	24.1	7.3	23	3.0	1.2	2.9	33	0.26	0.047
1098281	Soil	0.6	19.9	14.7	85	0.3	21.6	7.8	398	2.14	67.6	0.9	10.3	5.7	13	0.5	0.7	0.3	29	0.16	0.046
1098266	Soil	0.6	73.9	180.5	895	3.4	26.2	11.1	1175	2.63	252.0	1.7	9.7	6.6	14	5.4	1.6	3.5	25	0.15	0.049
1098268	Soil	0.6	72.9	184.4	527	1.6	23.5	9.3	662	2.73	251.4	1.6	14.2	4.1	13	3.0	0.9	1.6	32	0.17	0.053
1098270	Soil	0.5	34.2	35.1	183	0.6	32.3	10.7	553	2.79	236.0	1.6	35.1	7.5	35	1.2	0.9	0.5	30	0.45	0.065
1098282	Soil	0.7	17.9	14.9	171	0.1	20.0	8.7	505	2.31	70.0	1.0	9.0	3.2	10	0.9	0.6	0.4	34	0.11	0.048
1098290	Soil	1.1	19.4	10.9	66	<0.1	22.1	9.0	278	2.38	58.8	0.6	4.9	3.9	10	0.2	0.9	0.2	38	0.09	0.026
1098289	Soil	1.0	13.8	10.6	48	<0.1	11.2	4.5	224	2.06	89.6	0.6	8.3	1.2	7	0.2	0.8	0.3	40	0.05	0.041
1098297	Soil	0.8	58.6	62.2	597	0.4	25.7	10.7	1108	2.66	118.5	1.5	16.2	9.2	22	4.6	1.2	0.7	33	0.22	0.063
1098296	Soil	1.0	57.7	101.5	645	0.5	25.8	10.5	937	2.61	119.0	1.4	15.7	6.3	23	4.6	1.0	0.7	39	0.31	0.069
1098295	Soil	1.0	67.5	28.6	372	0.4	38.4	16.9	638	3.00	196.0	1.5	42.3	8.2	25	2.1	0.7	0.5	39	0.25	0.060
1098293	Soil	0.9	55.3	68.0	346	0.8	27.1	12.4	958	2.78	130.1	1.5	15.7	7.6	21	2.5	1.1	0.9	38	0.21	0.071
1098280	Soil	0.9	43.2	22.1	796	0.4	24.8	13.4	729	2.70	63.5	1.2	7.6	5.8	15	5.1	0.7	1.0	42	0.15	0.058
1098279	Soil	1.0	44.5	85.5	318	0.7	27.4	9.3	608	2.86	58.6	1.4	9.1	5.3	16	1.2	0.8	0.5	42	0.14	0.056
1098276	Soil	1.1	20.2	15.5	63	<0.1	22.1	10.1	409	2.64	65.5	0.8	4.7	4.1	8	0.3	0.6	0.4	40	0.08	0.042
1098292	Soil	0.7	40.8	26.2	309	0.5	25.9	10.3	772	2.68	91.3	1.1	17.1	6.9	17	1.7	0.8	1.1	40	0.18	0.058
1098294	Soil	1.0	53.5	65.4	346	0.7	25.5	11.9	935	2.61	123.4	1.4	34.5	7.5	21	2.4	1.0	0.8	38	0.20	0.067
1098291	Soil	0.8	62.1	22.2	282	0.4	29.1	13.0	541	3.33	80.0	1.9	19.7	12.2	33	1.6	0.7	0.6	39	0.16	0.050
1098272	Soil	0.8	25.5	16.2	93	0.2	35.4	20.5	1148	2.66	326.8	1.4	39.4	7.0	21	0.4	1.0	0.5	37	0.17	0.074
1098288	Soil	1.2	32.9	12.9	84	0.2	27.3	12.1	300	2.88	385.2	1.7	40.4	5.5	12	0.4	0.9	0.3	45	0.13	0.066
1098284	Soil	0.7	26.9	50.0	257	0.5	21.1	6.5	370	2.10	37.1	1.1	4.4	3.4	14	1.7	0.6	0.6	34	0.19	0.070
1098271	Soil	0.9	31.5	8.8	81	<0.1	25.2	11.5	308	3.31	427.9	1.5	33.2	7.7	38	0.6	0.9	0.6	39	0.11	0.065

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600 - 666 Burrard St.
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Project: MAY
Report Date: October 07, 2011

CERTIFICATE OF ANALYSIS DAW11000277.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098338	Soil		29	32	0.59	122	0.020	2	1.66	0.014	0.10	0.2	0.10	2.4	0.4	<0.05	5	0.5	<0.2
1098341	Soil		17	22	0.48	119	0.062	<1	1.31	0.008	0.12	0.2	0.03	2.2	0.3	<0.05	4	<0.5	<0.2
1098340	Soil		16	21	0.33	89	0.019	<1	1.09	0.004	0.06	0.2	0.05	1.4	0.2	<0.05	4	<0.5	<0.2
1098339	Soil		26	25	0.44	112	0.012	<1	1.49	0.008	0.07	0.2	0.08	1.2	0.2	<0.05	5	0.5	<0.2
1098269	Soil		18	22	0.41	154	0.015	1	1.30	0.008	0.07	0.3	0.03	1.9	0.3	<0.05	4	0.6	<0.2
1098263	Soil		24	20	0.36	146	0.013	<1	1.13	0.005	0.06	0.3	0.04	1.7	0.2	<0.05	3	<0.5	<0.2
1098265	Soil		34	39	0.64	111	0.035	<1	1.52	0.005	0.11	0.4	0.06	3.0	0.3	<0.05	4	0.8	<0.2
1098264	Soil		27	28	0.53	127	0.012	<1	1.57	0.004	0.05	0.2	0.03	1.7	0.2	<0.05	5	<0.5	<0.2
1098267	Soil		26	27	0.49	153	0.030	<1	1.40	0.014	0.11	0.6	0.05	2.4	0.3	<0.05	4	0.6	<0.2
1098281	Soil		16	21	0.37	117	0.033	<1	1.16	0.008	0.10	0.5	0.03	1.8	0.2	<0.05	4	0.6	<0.2
1098266	Soil		30	20	0.37	125	0.015	<1	1.08	0.004	0.07	0.4	0.05	1.9	0.2	<0.05	3	0.7	<0.2
1098268	Soil		26	24	0.45	130	0.020	<1	1.39	0.006	0.07	0.3	0.05	1.9	0.2	<0.05	4	<0.5	<0.2
1098270	Soil		25	25	0.52	187	0.035	1	1.72	0.035	0.16	0.4	0.03	2.8	0.4	<0.05	5	0.6	<0.2
1098282	Soil		16	22	0.38	126	0.030	<1	1.26	0.005	0.07	0.3	0.04	2.0	0.2	<0.05	4	<0.5	<0.2
1098290	Soil		11	22	0.40	98	0.034	1	1.40	0.006	0.06	0.2	0.03	2.3	0.1	<0.05	3	0.5	<0.2
1098289	Soil		13	17	0.18	59	0.027	<1	0.82	0.003	0.06	0.3	0.04	1.0	0.1	<0.05	4	<0.5	<0.2
1098297	Soil		23	22	0.46	137	0.040	2	1.20	0.008	0.09	0.9	0.04	2.8	0.3	<0.05	4	<0.5	<0.2
1098296	Soil		18	24	0.44	154	0.040	2	1.21	0.011	0.08	1.8	0.04	2.7	0.2	<0.05	4	<0.5	<0.2
1098295	Soil		21	27	0.45	127	0.058	1	1.39	0.014	0.13	3.1	0.04	2.8	0.2	0.08	4	<0.5	<0.2
1098293	Soil		23	26	0.42	156	0.046	2	1.26	0.007	0.10	1.3	0.04	2.6	0.2	0.05	4	<0.5	<0.2
1098280	Soil		21	27	0.41	132	0.038	2	1.37	0.006	0.09	0.8	0.05	2.1	0.3	<0.05	4	<0.5	<0.2
1098279	Soil		24	31	0.52	146	0.039	1	1.79	0.006	0.12	0.3	0.04	2.9	0.4	<0.05	5	<0.5	<0.2
1098276	Soil		14	26	0.36	97	0.034	<1	1.70	0.005	0.05	0.6	0.05	2.0	0.2	<0.05	4	<0.5	<0.2
1098292	Soil		18	27	0.38	163	0.043	1	1.26	0.008	0.08	1.6	0.04	2.0	0.2	<0.05	4	<0.5	<0.2
1098294	Soil		21	25	0.40	151	0.041	1	1.22	0.007	0.09	1.5	0.05	2.3	0.2	<0.05	4	<0.5	<0.2
1098291	Soil		33	31	0.62	176	0.067	<1	1.92	0.011	0.37	0.6	0.03	2.9	0.6	0.09	6	<0.5	<0.2
1098272	Soil		21	24	0.40	134	0.036	<1	1.16	0.006	0.09	1.5	0.06	1.9	0.2	<0.05	4	<0.5	<0.2
1098288	Soil		17	30	0.48	150	0.034	<1	1.64	0.005	0.08	0.6	0.05	3.0	0.3	<0.05	5	<0.5	<0.2
1098284	Soil		17	24	0.40	142	0.025	<1	1.22	0.004	0.07	0.3	0.04	2.1	0.2	<0.05	3	<0.5	<0.2
1098271	Soil		30	30	0.51	155	0.050	1	1.56	0.033	0.22	0.4	0.05	2.0	0.4	0.24	4	<0.5	<0.2

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Project: MAY
Report Date: October 07, 2011

CERTIFICATE OF ANALYSIS DAW11000277.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098285	Soil	0.7	26.1	87.4	412	0.8	18.0	7.2	880	2.19	128.4	1.3	8.0	3.2	13	1.9	1.0	1.9	34	0.14	0.057
1098287	Soil	0.8	29.9	16.5	81	0.2	29.7	12.3	341	2.51	155.1	1.2	11.2	6.4	19	0.4	0.8	0.4	34	0.18	0.063
1098283	Soil	0.7	26.5	72.2	323	0.6	19.2	6.7	463	2.26	76.9	1.1	4.6	2.3	11	1.5	0.9	0.6	36	0.14	0.065
1098286	Soil	0.9	24.5	10.0	70	0.1	23.9	8.2	433	2.38	69.1	1.2	12.9	5.0	17	0.3	0.8	0.3	35	0.19	0.072
1098273	Soil	0.6	26.4	10.0	129	0.1	27.1	11.5	379	2.83	117.5	1.3	24.8	4.9	38	0.6	0.6	0.7	35	0.24	0.054
1098277	Soil	0.8	23.9	12.7	62	0.1	24.4	9.3	411	2.44	45.5	1.0	12.8	4.1	13	0.3	0.8	0.4	39	0.12	0.041
1098275	Soil	0.9	21.6	10.2	56	0.2	19.7	7.6	268	2.37	30.6	1.1	4.3	2.6	16	0.2	0.7	0.3	43	0.16	0.054
1098274	Soil	0.8	27.9	11.9	62	0.1	24.7	10.0	391	2.47	78.8	1.0	8.4	5.5	14	0.3	0.7	0.6	36	0.10	0.033
1098278	Soil	0.9	54.2	16.2	104	0.3	26.9	11.4	596	2.72	107.2	1.6	10.7	5.1	20	0.5	0.9	0.5	37	0.14	0.053

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Project: MAY
Report Date: October 07, 2011

CERTIFICATE OF ANALYSIS DAW11000277.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098285	Soil	18	24	0.38	111	0.033	1	1.23	0.005	0.08	0.3	0.03	2.0	0.2	<0.05	4	<0.5	<0.2
1098287	Soil	20	22	0.45	196	0.041	2	1.46	0.007	0.12	0.4	0.03	1.9	0.3	<0.05	4	<0.5	<0.2
1098283	Soil	19	23	0.43	113	0.028	1	1.35	0.004	0.07	0.3	0.03	2.0	0.3	<0.05	4	<0.5	<0.2
1098286	Soil	20	24	0.45	135	0.039	1	1.35	0.005	0.10	0.4	0.02	1.9	0.2	<0.05	4	<0.5	<0.2
1098273	Soil	19	26	0.50	163	0.046	1	1.67	0.018	0.11	0.6	0.03	2.0	0.3	0.06	5	<0.5	<0.2
1098277	Soil	19	25	0.39	184	0.033	1	1.53	0.009	0.07	0.5	0.04	2.0	0.2	<0.05	4	<0.5	<0.2
1098275	Soil	18	25	0.38	208	0.029	1	1.49	0.007	0.05	0.5	0.04	1.9	0.2	<0.05	5	<0.5	<0.2
1098274	Soil	20	24	0.40	134	0.037	1	1.61	0.010	0.08	0.6	0.02	2.1	0.3	<0.05	4	<0.5	<0.2
1098278	Soil	23	25	0.47	151	0.039	1	1.55	0.008	0.12	0.6	0.03	2.4	0.4	<0.05	5	<0.5	<0.2

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Project: MAY
Report Date: October 07, 2011

QUALITY CONTROL REPORT DAW11000277.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1138682	Soil	0.7	38.9	32.7	466	0.5	28.7	12.8	671	2.76	436.2	1.4	27.5	5.6	18	2.6	1.0	1.3	35	0.16	0.050
REP 1138682	QC	0.7	40.7	32.7	476	0.5	29.2	12.8	716	2.86	449.7	1.3	24.7	5.0	15	2.9	0.9	1.2	35	0.16	0.055
1138686	Soil	0.8	31.8	14.0	94	0.2	30.9	12.5	712	2.93	249.7	1.6	36.7	5.7	23	0.3	1.0	0.4	36	0.21	0.062
REP 1138686	QC	0.7	30.2	13.6	88	0.1	30.8	12.7	698	2.84	228.5	1.5	27.5	5.4	23	0.3	0.8	0.4	36	0.20	0.058
1138656	Soil	1.1	51.3	65.8	802	1.0	24.9	10.3	898	2.69	142.1	1.3	13.1	3.3	12	6.3	1.8	1.7	42	0.14	0.049
REP 1138656	QC	1.1	53.6	66.7	825	1.0	25.0	10.2	924	2.71	147.4	1.2	7.1	3.1	13	6.0	1.6	1.5	43	0.13	0.049
1138664	Soil	0.6	22.6	10.6	63	0.2	24.8	10.5	389	2.42	134.5	1.0	131.8	6.1	31	0.4	0.8	0.7	33	0.21	0.050
REP 1138664	QC	0.7	24.0	11.9	71	0.2	27.2	11.6	413	2.63	147.4	1.1	47.2	6.5	33	0.4	0.9	0.8	36	0.22	0.052
1099287	Soil	0.8	39.0	26.4	589	0.5	26.1	13.2	617	2.30	163.5	1.1	15.1	2.5	21	5.4	0.7	0.5	29	0.32	0.078
REP 1099287	QC	0.8	39.2	25.8	571	0.5	24.8	12.6	599	2.24	157.5	1.1	16.3	2.5	21	5.0	0.7	0.5	28	0.31	0.075
1098282	Soil	0.7	17.9	14.9	171	0.1	20.0	8.7	505	2.31	70.0	1.0	9.0	3.2	10	0.9	0.6	0.4	34	0.11	0.048
REP 1098282	QC	0.6	16.5	13.3	159	<0.1	18.1	8.0	469	2.19	64.5	0.9	11.4	3.0	10	0.8	0.6	0.3	32	0.10	0.045
1098272	Soil	0.8	25.5	16.2	93	0.2	35.4	20.5	1148	2.66	326.8	1.4	39.4	7.0	21	0.4	1.0	0.5	37	0.17	0.074
REP 1098272	QC	0.9	25.0	15.9	92	0.2	34.1	20.4	1156	2.62	328.6	1.5	99.8	7.2	22	0.4	0.9	0.5	38	0.17	0.074
1098274	Soil	0.8	27.9	11.9	62	0.1	24.7	10.0	391	2.47	78.8	1.0	8.4	5.5	14	0.3	0.7	0.6	36	0.10	0.033
REP 1098274	QC	0.9	27.9	11.7	62	0.1	24.5	9.9	393	2.49	79.0	1.0	24.9	5.6	14	0.2	0.7	0.6	35	0.11	0.034
Reference Materials																					
STD DS8	Standard	12.9	110.8	122.0	303	1.7	36.6	7.3	594	2.35	24.2	2.9	102.3	6.5	68	2.3	5.5	6.5	42	0.68	0.078
STD DS8	Standard	12.7	115.6	127.0	327	1.8	39.2	7.8	625	2.50	26.7	2.8	118.7	6.6	62	2.5	5.8	6.4	39	0.65	0.081
STD DS8	Standard	12.1	107.3	121.3	296	1.7	37.4	7.1	576	2.29	23.1	2.7	116.6	6.5	65	2.3	5.6	6.6	40	0.65	0.072
STD DS8	Standard	13.5	113.2	126.9	306	1.7	36.7	7.2	586	2.35	24.5	3.1	114.3	7.5	72	2.2	6.1	7.3	43	0.67	0.075
STD DS8	Standard	11.8	104.9	126.5	300	1.7	35.4	7.5	572	2.33	24.1	2.8	109.1	6.5	67	2.3	5.8	7.0	39	0.68	0.073
STD DS8	Standard	12.0	109.6	115.4	313	1.8	36.4	7.4	597	2.40	25.4	2.5	111.6	6.3	66	2.4	5.5	6.3	41	0.68	0.078
STD DS8	Standard	13.7	116.3	124.6	291	1.7	40.1	8.1	585	2.40	24.2	2.7	116.1	6.3	60	2.3	4.8	6.2	45	0.65	0.076
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 07, 2011

QUALITY CONTROL REPORT DAW11000277.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1138682	Soil	20	25	0.52	188	0.033	2	1.55	0.008	0.10	0.5	0.05	2.5	0.3	<0.05	4	<0.5	<0.2
REP 1138682	QC	19	26	0.46	188	0.037	2	1.59	0.007	0.12	0.5	0.05	2.7	0.3	<0.05	5	0.9	<0.2
1138686	Soil	21	27	0.53	189	0.030	<1	1.67	0.008	0.11	0.7	0.04	2.3	0.3	<0.05	5	0.6	<0.2
REP 1138686	QC	20	27	0.49	179	0.029	<1	1.54	0.007	0.11	0.7	0.03	2.3	0.3	<0.05	5	<0.5	<0.2
1138656	Soil	21	24	0.38	159	0.029	1	1.22	0.006	0.05	0.8	0.05	2.5	0.3	<0.05	4	<0.5	<0.2
REP 1138656	QC	22	25	0.36	161	0.031	1	1.20	0.005	0.06	0.7	0.05	2.5	0.3	<0.05	4	<0.5	<0.2
1138664	Soil	17	23	0.45	189	0.041	<1	1.37	0.016	0.08	0.7	0.03	2.2	0.2	<0.05	4	<0.5	<0.2
REP 1138664	QC	18	24	0.48	206	0.039	<1	1.49	0.016	0.08	0.7	0.03	2.3	0.2	<0.05	4	<0.5	<0.2
1099287	Soil	15	22	0.30	117	0.032	2	1.18	0.014	0.08	1.8	0.06	1.8	0.2	0.08	4	0.9	<0.2
REP 1099287	QC	14	21	0.29	112	0.030	3	1.15	0.013	0.08	1.1	0.06	1.8	0.2	0.09	4	0.8	<0.2
1098282	Soil	16	22	0.38	126	0.030	<1	1.26	0.005	0.07	0.3	0.04	2.0	0.2	<0.05	4	<0.5	<0.2
REP 1098282	QC	15	21	0.35	115	0.028	<1	1.17	0.004	0.07	0.4	0.03	1.9	0.2	<0.05	4	<0.5	<0.2
1098272	Soil	21	24	0.40	134	0.036	<1	1.16	0.006	0.09	1.5	0.06	1.9	0.2	<0.05	4	<0.5	<0.2
REP 1098272	QC	21	24	0.41	136	0.039	1	1.17	0.006	0.10	1.5	0.05	2.1	0.2	<0.05	4	<0.5	<0.2
1098274	Soil	20	24	0.40	134	0.037	1	1.61	0.010	0.08	0.6	0.02	2.1	0.3	<0.05	4	<0.5	<0.2
REP 1098274	QC	20	24	0.40	136	0.037	1	1.65	0.010	0.09	0.6	0.03	2.0	0.3	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	116	0.59	273	0.114	3	0.91	0.098	0.42	2.7	0.18	2.2	5.0	0.18	5	4.8	4.7
STD DS8	Standard	12	120	0.61	276	0.108	2	0.89	0.085	0.40	3.0	0.18	2.1	5.6	0.18	5	5.2	4.8
STD DS8	Standard	14	112	0.57	256	0.108	3	0.88	0.098	0.42	3.0	0.19	2.7	5.4	0.14	4	5.4	4.9
STD DS8	Standard	15	115	0.61	288	0.121	3	0.96	0.103	0.43	3.1	0.20	2.8	5.2	0.13	5	4.3	4.8
STD DS8	Standard	12	111	0.65	247	0.099	2	0.85	0.089	0.40	2.8	0.20	2.0	5.3	0.17	4	5.9	4.8
STD DS8	Standard	14	115	0.61	288	0.112	3	0.97	0.117	0.46	3.1	0.21	2.5	5.3	0.16	5	5.0	4.6
STD DS8	Standard	12	122	0.60	252	0.110	3	0.92	0.109	0.41	2.8	0.19	2.9	5.2	0.13	5	4.8	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 07, 2011

QUALITY CONTROL REPORT DAW11000277.1

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

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QUALITY CONTROL REPORT DAW11000277.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 20, 2011
Report Date: October 06, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000278.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-11
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1DX2	306	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000278.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1097057	Soil	0.7	17.3	11.7	48	<0.1	18.6	6.8	202	2.10	9.4	0.7	2.8	3.6	8	0.1	1.4	0.2	30	0.08	0.040
1097060	Soil	0.9	30.3	30.7	54	0.1	7.1	3.7	105	3.13	7.4	2.2	3.8	11.9	12	<0.1	0.2	0.5	13	0.02	0.074
1097058	Soil	0.8	31.9	11.7	54	<0.1	40.1	19.5	446	2.64	10.8	1.4	2.3	14.5	9	<0.1	0.4	0.2	21	0.06	0.036
1097062	Soil	0.7	42.3	30.2	75	<0.1	21.2	7.5	96	3.47	2.1	2.3	1.6	21.2	7	<0.1	0.7	0.3	9	0.03	0.047
1097059	Soil	0.9	22.0	18.2	55	<0.1	23.2	11.7	307	2.66	10.8	1.3	9.1	2.1	7	<0.1	0.9	0.2	30	0.06	0.049
1097061	Soil	1.4	35.9	25.2	66	<0.1	18.1	7.0	204	3.26	5.9	1.9	2.8	8.1	9	0.1	0.5	0.4	24	0.03	0.049
1097056	Soil	0.9	21.2	14.0	54	<0.1	22.6	9.6	314	2.59	12.4	1.0	4.9	3.0	12	0.4	0.8	0.2	35	0.11	0.043
1097055	Soil	3.9	51.9	30.6	83	0.1	36.0	15.0	1588	4.23	12.5	2.3	5.8	11.7	34	0.3	1.0	0.6	19	0.23	0.078
1097054	Soil	0.9	17.3	12.4	52	<0.1	21.1	8.8	312	2.48	11.9	0.6	8.5	2.8	11	0.1	1.1	0.2	34	0.08	0.029
1097053	Soil	0.9	24.7	13.6	51	<0.1	21.0	7.6	265	2.54	10.1	0.8	10.2	4.7	25	0.1	2.2	0.2	23	0.07	0.041
1097051	Soil	1.2	39.3	26.2	93	0.1	82.7	22.0	952	4.43	13.0	0.7	2.8	3.7	28	0.3	3.0	0.2	31	0.48	0.130
1097052	Soil	1.0	18.1	12.4	51	<0.1	21.1	8.2	307	2.39	11.0	0.7	3.4	2.7	11	<0.1	1.4	0.2	33	0.08	0.026
1141012	Soil	0.9	19.6	16.0	65	0.2	16.1	6.7	292	2.65	21.4	1.1	17.4	1.3	10	0.2	1.2	0.3	37	0.07	0.050
1141010	Soil	0.8	18.3	13.6	59	0.1	15.3	7.3	312	2.47	19.3	1.2	7.1	2.5	10	0.1	0.8	0.3	35	0.06	0.042
1141005	Soil	0.9	20.1	13.8	65	0.1	16.9	6.9	354	2.88	20.9	1.4	7.7	2.0	12	0.2	0.8	0.3	40	0.07	0.049
1141008	Soil	1.0	19.5	13.4	64	0.2	15.6	7.5	384	2.61	23.0	1.4	8.3	1.1	11	0.2	0.7	0.2	39	0.08	0.052
1141011	Soil	0.9	20.9	18.7	64	0.3	18.0	7.8	328	2.72	23.5	1.3	19.8	1.4	11	0.2	1.4	0.3	36	0.06	0.053
1141004	Soil	1.2	26.5	15.5	65	0.1	16.4	8.1	336	3.00	17.2	1.7	2.7	4.3	14	0.2	0.8	0.3	35	0.08	0.053
1141003	Soil	1.4	20.9	13.4	56	<0.1	14.0	7.0	348	2.88	16.4	1.0	9.1	1.2	11	0.1	0.8	0.3	41	0.07	0.066
1141009	Soil	1.0	18.2	12.7	63	0.1	16.6	7.0	277	2.65	17.6	1.2	2.9	1.7	11	0.2	0.8	0.2	43	0.08	0.047
1141007	Soil	1.0	20.8	14.0	70	0.1	19.0	8.0	313	2.72	21.5	1.4	6.2	1.8	11	0.3	0.8	0.3	45	0.09	0.057
1141002	Soil	1.3	23.1	16.1	71	<0.1	19.7	8.5	332	3.20	15.0	1.3	2.1	2.1	14	0.2	0.9	0.3	51	0.11	0.057
1141001	Soil	2.1	23.3	24.5	59	0.3	15.9	5.8	232	2.88	19.9	1.4	1.7	0.9	11	0.2	1.1	0.4	36	0.06	0.080
1097290	Soil	0.9	22.5	15.3	55	0.1	19.4	7.6	230	2.50	19.2	0.9	5.4	5.4	13	0.2	1.0	0.2	31	0.14	0.060
1141006	Soil	1.1	19.1	15.7	61	0.2	15.5	7.1	296	2.71	25.9	1.3	4.5	1.6	11	0.3	0.8	0.3	39	0.07	0.052
1098120	Soil	0.7	9.0	12.7	37	<0.1	11.2	4.8	188	2.00	11.1	0.4	10.3	2.5	7	0.1	0.6	0.2	33	0.07	0.029
1144767	Soil	0.7	25.7	28.1	72	0.1	29.1	15.1	346	2.82	9.7	1.5	2.8	9.7	9	0.2	0.8	0.2	17	0.06	0.044
1098121	Soil	0.8	28.7	12.9	50	0.1	18.6	9.5	267	2.34	23.0	1.1	7.5	3.7	10	0.2	0.7	0.2	32	0.09	0.046
1097292	Soil	1.0	20.8	13.9	50	0.2	14.3	5.3	187	2.33	15.7	1.4	4.7	1.5	11	0.2	0.7	0.2	31	0.10	0.056
1097294	Soil	0.9	18.1	12.1	60	0.1	16.8	6.4	212	2.46	21.5	1.3	3.4	2.1	9	0.1	0.7	0.2	34	0.07	0.045

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1097057	Soil	17	18	0.34	65	0.016	1	1.12	0.004	0.03	0.2	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1097060	Soil	52	16	0.50	27	0.003	1	1.23	0.007	0.04	<0.1	0.02	0.9	<0.1	0.08	4	<0.5	<0.2
1097058	Soil	55	17	0.51	67	0.008	1	1.28	0.004	0.04	<0.1	0.01	1.8	<0.1	<0.05	3	<0.5	<0.2
1097062	Soil	47	11	0.31	52	<0.001	<1	1.23	0.004	0.03	<0.1	<0.01	1.7	<0.1	<0.05	2	0.8	<0.2
1097059	Soil	21	17	0.30	51	0.016	<1	1.07	0.005	0.03	0.2	0.05	1.3	<0.1	0.06	4	<0.5	<0.2
1097061	Soil	37	18	0.39	58	0.010	<1	1.13	0.005	0.04	0.1	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1097056	Soil	21	20	0.37	141	0.023	<1	1.26	0.005	0.04	0.3	0.03	1.8	0.1	<0.05	3	0.8	<0.2
1097055	Soil	54	14	0.51	127	0.007	1	1.08	0.007	0.06	0.1	0.04	2.5	<0.1	0.08	3	<0.5	<0.2
1097054	Soil	13	19	0.33	95	0.024	1	1.22	0.006	0.04	0.2	0.04	1.8	<0.1	<0.05	3	0.5	<0.2
1097053	Soil	18	15	0.27	97	0.020	2	0.99	0.016	0.05	0.2	0.04	1.5	<0.1	0.08	2	<0.5	<0.2
1097051	Soil	18	19	0.39	154	0.021	<1	1.12	0.009	0.04	0.2	0.04	3.8	<0.1	<0.05	3	<0.5	<0.2
1097052	Soil	13	18	0.33	83	0.025	1	1.22	0.006	0.05	0.2	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1141012	Soil	19	24	0.43	82	0.021	1	1.46	0.005	0.05	0.2	0.03	1.5	0.2	<0.05	5	<0.5	<0.2
1141010	Soil	19	22	0.37	94	0.025	<1	1.28	0.006	0.04	0.2	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
1141005	Soil	22	24	0.55	94	0.026	1	1.63	0.008	0.05	0.2	0.01	1.8	0.1	<0.05	5	<0.5	<0.2
1141008	Soil	17	24	0.41	104	0.023	1	1.52	0.006	0.04	0.2	0.01	1.5	0.1	<0.05	5	<0.5	<0.2
1141011	Soil	22	24	0.42	79	0.023	2	1.37	0.006	0.06	0.2	0.02	1.4	0.2	<0.05	4	<0.5	<0.2
1141004	Soil	26	24	0.50	85	0.027	1	1.42	0.008	0.05	0.2	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
1141003	Soil	17	25	0.41	62	0.018	<1	1.43	0.008	0.05	0.1	0.04	1.3	0.1	<0.05	5	<0.5	<0.2
1141009	Soil	17	25	0.43	102	0.029	1	1.60	0.006	0.04	0.2	0.02	1.9	0.2	<0.05	5	<0.5	<0.2
1141007	Soil	18	27	0.48	125	0.029	2	1.71	0.007	0.05	0.2	0.04	2.2	0.1	<0.05	5	0.5	<0.2
1141002	Soil	18	30	0.53	140	0.028	2	1.93	0.008	0.05	0.2	0.04	2.1	0.2	<0.05	6	0.6	<0.2
1141001	Soil	20	26	0.35	60	0.017	<1	1.30	0.009	0.06	<0.1	0.04	1.0	0.4	0.05	5	0.7	<0.2
1097290	Soil	22	18	0.33	86	0.024	1	1.09	0.006	0.04	0.3	0.03	1.6	<0.1	<0.05	3	0.6	<0.2
1141006	Soil	22	24	0.42	97	0.024	<1	1.48	0.006	0.05	0.1	0.03	1.7	0.1	<0.05	5	0.6	<0.2
1098120	Soil	11	16	0.24	54	0.025	<1	1.04	0.004	0.03	0.2	0.03	1.2	<0.1	<0.05	4	0.5	<0.2
1144767	Soil	34	12	0.24	58	0.008	<1	0.80	0.005	0.04	0.1	0.02	1.4	<0.1	<0.05	2	<0.5	<0.2
1098121	Soil	17	19	0.32	83	0.021	<1	1.09	0.004	0.03	0.3	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1097292	Soil	18	19	0.35	140	0.016	<1	1.17	0.006	0.04	0.2	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1097294	Soil	16	21	0.38	103	0.023	1	1.27	0.005	0.04	0.2	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000278.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1097293	Soil	0.8	17.6	10.3	56	<0.1	17.8	7.4	259	2.12	17.7	1.1	12.4	3.6	10	0.1	0.7	0.2	29	0.11	0.051
1098118	Soil	0.8	16.9	22.4	54	0.2	20.5	8.5	356	2.23	16.4	0.7	2.4	4.4	11	<0.1	0.9	0.2	29	0.13	0.044
1097291	Soil	0.9	24.0	13.0	65	0.3	21.1	8.5	332	2.47	16.2	1.2	5.7	5.1	15	0.2	0.9	0.2	30	0.16	0.066
1099200	Soil	1.0	11.5	14.4	42	<0.1	10.2	5.8	367	2.32	13.9	0.5	2.9	0.8	7	0.1	0.7	0.2	33	0.07	0.044
1097288	Soil	1.0	15.6	16.6	40	0.3	12.1	5.1	224	2.53	23.3	0.9	5.3	3.6	7	<0.1	1.5	0.2	34	0.05	0.037
1110845	Soil	0.8	15.4	15.6	48	<0.1	16.0	6.9	273	2.37	11.0	0.8	4.2	3.8	7	<0.1	0.7	0.2	30	0.06	0.036
1098117	Soil	1.2	19.0	16.3	57	<0.1	21.8	8.7	301	2.59	15.0	0.8	1.1	4.1	9	0.1	2.0	0.2	43	0.10	0.038
1078833	Soil	1.1	35.3	17.9	58	<0.1	11.2	5.5	132	3.34	19.1	2.0	1.9	21.1	11	<0.1	0.4	0.5	14	0.02	0.034
1099198	Soil	0.9	21.3	18.4	64	0.2	21.1	7.8	301	2.73	18.9	1.1	8.2	2.9	8	0.2	1.0	0.2	37	0.09	0.061
1098119	Soil	1.0	16.3	13.6	45	<0.1	16.8	6.9	228	2.21	16.4	0.6	8.4	3.3	8	0.2	0.7	0.2	40	0.09	0.033
1144768	Soil	2.7	78.1	39.1	92	0.1	17.4	7.4	129	5.35	3.3	3.0	3.0	28.7	5	<0.1	0.4	0.6	8	<0.01	0.048
1078836	Soil	0.7	19.7	14.8	50	<0.1	18.2	7.8	237	2.34	12.2	0.8	1.4	4.1	9	0.2	0.6	0.2	28	0.08	0.035
1143498	Soil	1.3	16.4	14.4	51	0.1	14.7	6.3	243	2.74	17.0	0.7	1.4	1.5	7	0.1	1.0	0.3	49	0.06	0.042
1098124	Soil	0.9	16.4	15.4	48	<0.1	20.9	9.0	258	2.30	14.3	0.7	1.1	3.7	9	0.1	0.9	0.2	39	0.09	0.027
1099199	Soil	0.9	20.1	14.8	61	0.1	20.1	8.0	324	2.59	20.9	0.9	5.2	3.8	7	0.2	1.2	0.3	39	0.07	0.037
1099197	Soil	0.8	18.8	11.2	49	0.1	19.2	7.9	257	2.16	12.6	0.9	3.5	2.0	9	0.2	0.7	0.2	34	0.09	0.049
1143499	Soil	1.2	17.7	14.1	54	0.1	17.0	7.8	323	2.73	17.6	0.9	2.7	2.4	9	0.2	0.9	0.2	46	0.07	0.044
1143500	Soil	0.9	15.8	14.8	56	0.1	18.0	8.5	339	2.46	15.6	0.6	1.2	2.5	7	0.2	0.8	0.2	38	0.07	0.034
1097287	Soil	0.9	21.9	22.8	68	0.2	22.1	12.0	493	2.70	28.5	1.2	3.5	5.1	10	0.2	1.1	0.3	35	0.11	0.060
1098123	Soil	0.9	22.1	22.0	67	0.2	21.4	11.5	470	2.67	27.8	1.1	4.7	4.5	10	0.2	1.1	0.3	36	0.11	0.058
1098122	Soil	0.7	22.3	15.6	54	<0.1	21.2	11.9	337	2.32	33.0	1.1	1.5	4.6	10	0.1	0.7	0.2	34	0.12	0.051
1078835	Soil	2.1	74.3	37.6	102	0.1	50.3	19.0	379	5.77	1.6	3.9	2.1	26.7	7	0.1	0.4	0.5	8	0.02	0.043
1110841	Soil	1.3	26.9	20.5	63	<0.1	16.6	7.9	258	2.88	9.4	1.1	6.2	1.2	10	0.2	0.7	0.3	37	0.07	0.048
1110842	Soil	1.0	36.5	29.0	71	<0.1	15.8	9.1	217	3.43	7.1	1.5	1.7	12.4	11	<0.1	0.7	0.4	22	0.04	0.039
1110844	Soil	0.9	54.4	33.6	99	0.1	19.1	8.5	182	4.92	10.9	2.7	2.6	26.3	9	<0.1	1.7	0.7	12	0.02	0.048
1110843	Soil	2.3	74.6	44.7	143	0.1	85.6	38.3	432	5.86	4.0	4.9	1.2	26.4	8	<0.1	0.9	0.4	9	0.02	0.045
1097289	Soil	0.9	17.5	16.2	54	0.1	18.6	9.1	279	2.64	19.4	0.9	2.3	4.4	11	0.2	0.9	0.2	40	0.10	0.046
1071165	Soil	1.7	59.5	28.2	72	<0.1	12.3	5.8	138	4.47	6.8	2.5	2.3	20.9	13	<0.1	0.5	0.5	15	0.02	0.052
1143497	Soil	1.1	28.0	13.6	56	0.7	23.5	9.4	284	2.61	38.6	1.3	2.6	2.0	11	0.1	1.9	0.3	35	0.09	0.055
1143491	Soil	1.1	31.8	18.5	74	0.2	25.0	10.7	263	3.00	59.9	1.6	3.6	5.1	16	0.2	1.5	0.3	28	0.08	0.040

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Project: MHR
Report Date: October 06, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1097293	Soil		17	18	0.34	86	0.024	<1	0.99	0.005	0.04	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1098118	Soil		16	17	0.32	78	0.026	1	1.04	0.005	0.04	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1097291	Soil		19	19	0.36	132	0.026	1	1.00	0.005	0.05	0.3	0.03	1.8	<0.1	<0.05	3	0.6	<0.2
1099200	Soil		12	19	0.21	52	0.019	2	0.97	0.004	0.03	0.2	0.05	0.9	<0.1	<0.05	4	<0.5	<0.2
1097288	Soil		20	18	0.21	43	0.016	<1	0.95	0.004	0.03	0.3	0.06	1.3	<0.1	<0.05	4	<0.5	<0.2
1110845	Soil		17	17	0.28	56	0.020	<1	0.96	0.004	0.04	0.2	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
1098117	Soil		18	22	0.35	91	0.026	1	1.45	0.006	0.05	0.2	0.04	1.9	0.1	<0.05	4	<0.5	<0.2
1078833	Soil		55	17	0.50	90	0.003	<1	1.21	0.006	0.05	<0.1	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
1099198	Soil		17	23	0.39	76	0.018	<1	1.48	0.006	0.03	0.3	0.05	1.6	<0.1	<0.05	4	0.5	<0.2
1098119	Soil		12	18	0.27	70	0.025	1	1.06	0.004	0.03	0.3	0.04	1.5	<0.1	<0.05	3	<0.5	<0.2
1144768	Soil		44	14	0.37	31	<0.001	<1	1.11	0.005	0.06	<0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1078836	Soil		17	16	0.31	74	0.019	2	1.03	0.005	0.03	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1143498	Soil		16	20	0.25	59	0.022	1	1.08	0.004	0.04	0.2	0.07	1.3	0.1	<0.05	5	<0.5	<0.2
1098124	Soil		15	21	0.29	92	0.024	1	1.27	0.005	0.04	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1099199	Soil		18	20	0.35	57	0.027	1	1.04	0.004	0.05	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1099197	Soil		16	19	0.32	105	0.019	2	1.21	0.005	0.04	0.2	0.06	1.5	<0.1	<0.05	3	<0.5	<0.2
1143499	Soil		18	21	0.29	61	0.029	2	1.06	0.005	0.04	0.3	0.07	1.5	<0.1	<0.05	4	<0.5	<0.2
1143500	Soil		15	20	0.32	77	0.023	1	1.20	0.005	0.04	0.2	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2
1097287	Soil		21	21	0.38	89	0.024	1	1.19	0.005	0.05	0.4	0.06	1.6	<0.1	<0.05	4	<0.5	<0.2
1098123	Soil		21	21	0.37	87	0.024	<1	1.13	0.008	0.05	0.4	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2
1098122	Soil		19	18	0.30	87	0.020	<1	1.03	0.004	0.03	0.3	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1078835	Soil		50	12	0.26	100	0.001	<1	1.29	0.006	0.08	<0.1	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1110841	Soil		20	22	0.35	79	0.017	1	1.44	0.005	0.04	0.1	0.04	1.2	0.1	<0.05	5	<0.5	<0.2
1110842	Soil		36	17	0.44	56	0.011	<1	1.24	0.005	0.05	<0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1110844	Soil		60	17	0.60	34	0.004	<1	1.32	0.007	0.05	<0.1	0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
1110843	Soil		39	12	0.22	37	0.001	<1	1.25	0.009	0.06	<0.1	0.01	2.5	<0.1	<0.05	2	<0.5	<0.2
1097289	Soil		18	22	0.31	94	0.028	2	1.48	0.006	0.05	0.3	0.05	1.8	0.1	<0.05	4	<0.5	<0.2
1071165	Soil		69	18	0.45	72	0.004	<1	1.26	0.010	0.06	<0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
1143497	Soil		24	19	0.31	98	0.015	1	1.36	0.006	0.05	0.1	0.08	1.5	0.1	<0.05	4	<0.5	<0.2
1143491	Soil		29	18	0.38	78	0.022	1	1.19	0.008	0.06	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096048	Soil	1.0	25.4	15.8	51	<0.1	24.6	8.6	331	2.53	10.0	0.6	3.5	2.0	13	0.3	2.0	0.2	33	0.10	0.053
1143488	Soil	1.1	26.0	28.3	72	0.3	22.3	8.8	220	2.77	28.3	1.1	3.3	5.0	14	0.2	2.1	0.2	35	0.12	0.045
1143486	Soil	1.1	23.7	11.1	55	<0.1	14.3	5.6	172	2.55	10.5	1.1	0.6	2.6	11	0.1	0.8	0.3	36	0.09	0.042
1143487	Soil	0.7	18.6	8.8	48	<0.1	15.5	5.7	198	2.00	20.6	0.6	1.9	2.7	10	0.1	0.7	0.1	30	0.10	0.042
1096046	Soil	1.0	29.8	13.0	66	<0.1	25.3	10.1	300	2.52	11.1	0.7	2.9	3.2	13	0.2	2.3	0.2	39	0.14	0.050
1096045	Soil	1.1	30.8	21.5	77	<0.1	30.5	11.7	437	3.38	15.0	0.9	2.9	2.2	19	0.2	5.3	0.2	37	0.09	0.051
1071475	Soil	0.9	42.7	49.9	117	0.1	35.0	16.0	818	3.58	22.1	1.0	20.8	5.2	16	0.6	11.5	0.2	33	0.12	0.050
1143494	Soil	0.9	22.1	14.4	58	0.1	23.9	7.9	182	2.49	16.5	1.2	4.1	1.9	13	0.2	0.7	0.2	35	0.11	0.051
1096047	Soil	1.0	22.7	16.2	47	<0.1	22.1	7.7	306	2.40	9.6	0.6	5.7	1.6	12	0.3	2.0	0.2	33	0.09	0.050
1143493	Soil	0.8	30.1	15.0	70	0.3	24.2	10.6	280	2.96	26.3	1.9	2.0	11.6	25	0.2	0.9	0.2	24	0.15	0.054
1143489	Soil	0.8	16.8	10.2	52	<0.1	15.6	5.3	140	2.12	64.2	0.8	4.3	2.9	11	0.1	1.1	0.3	29	0.12	0.050
1071483	Soil	1.4	27.5	46.6	92	<0.1	23.5	12.2	793	3.56	16.0	1.1	2.3	1.7	11	0.3	3.5	0.5	38	0.08	0.063
1071486	Soil	0.8	59.7	25.1	79	0.1	35.0	17.4	582	3.40	26.0	0.9	11.9	6.1	11	0.3	11.7	0.3	29	0.08	0.030
1143492	Soil	0.9	32.2	14.1	61	0.3	24.4	11.2	268	2.85	25.6	2.0	3.7	11.3	23	0.2	0.9	0.3	23	0.12	0.054
1071484	Soil	1.2	43.3	45.7	93	0.1	31.3	17.1	924	3.99	14.9	1.7	4.0	3.0	38	0.4	8.4	0.7	28	0.21	0.106
1071481	Soil	0.9	39.3	708.1	229	0.6	23.2	12.5	450	2.88	45.5	2.4	9.4	8.1	22	2.0	179.0	0.6	25	0.16	0.072
1071485	Soil	0.9	194.4	27.6	107	0.3	86.5	49.5	1406	7.79	39.1	0.7	12.1	6.8	18	0.3	7.4	0.4	77	0.23	0.073
1071480	Soil	1.9	60.9	52.8	57	0.3	33.3	17.9	869	4.97	22.1	3.1	10.2	12.9	50	0.2	7.6	1.0	7	0.10	0.066
1071482	Soil	1.1	20.6	21.8	57	<0.1	14.4	6.7	246	2.52	13.1	1.1	9.3	3.3	10	0.1	3.8	0.4	38	0.07	0.034
1143495	Soil	0.9	24.1	12.8	65	0.1	22.5	9.9	261	2.36	37.1	0.9	6.2	3.7	14	0.2	1.2	0.2	38	0.13	0.052
1143490	Soil	1.0	23.9	15.2	55	0.1	17.8	7.0	188	2.37	181.7	1.2	10.4	4.6	15	0.2	1.5	0.4	28	0.10	0.050
1143496	Soil	1.0	26.4	12.7	59	0.1	21.3	8.3	192	2.56	31.8	1.2	2.8	3.3	13	0.2	1.6	0.3	34	0.10	0.048
1141014	Soil	0.8	14.7	11.3	55	<0.1	13.4	5.9	219	2.25	16.4	0.9	1.8	1.0	8	0.3	0.8	0.2	40	0.06	0.041
1141023	Soil	1.0	16.8	12.9	57	<0.1	15.7	8.9	297	2.41	14.5	1.0	2.0	1.0	8	0.2	1.5	0.2	40	0.07	0.046
1141029	Soil	0.9	28.5	20.8	63	0.1	22.8	11.2	394	2.51	23.1	1.5	2.3	2.1	8	0.2	1.4	0.2	40	0.08	0.045
1141013	Soil	0.9	24.6	13.8	68	0.2	19.5	9.1	319	2.55	19.2	1.6	3.3	2.3	13	0.3	0.9	0.3	44	0.11	0.062
1141017	Soil	0.7	22.1	9.7	56	<0.1	17.1	5.6	136	2.12	13.2	1.1	3.8	2.4	11	0.1	0.7	0.2	40	0.10	0.042
1141015	Soil	0.8	20.1	10.7	53	<0.1	14.7	6.0	196	2.11	29.0	1.0	4.1	2.5	9	0.3	0.8	0.2	34	0.09	0.046
1141024	Soil	1.0	20.1	13.5	55	0.1	15.8	6.8	216	2.32	14.6	1.2	6.6	1.2	7	0.2	1.0	0.2	41	0.05	0.044
1141028	Soil	1.0	32.6	14.1	62	0.1	27.5	11.4	364	2.29	15.3	1.1	2.3	4.4	12	0.3	1.2	0.2	34	0.12	0.057

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Project: MHR
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000278.1

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096048	Soil	22	14	0.14	83	0.023	2	0.69	0.005	0.06	0.3	0.05	1.4	<0.1	<0.05	3	<0.5	<0.2
1143488	Soil	25	20	0.42	102	0.031	3	1.38	0.007	0.06	0.2	0.03	1.9	0.1	<0.05	4	<0.5	<0.2
1143486	Soil	24	21	0.38	79	0.021	1	1.30	0.010	0.06	0.1	0.04	1.5	0.2	<0.05	4	0.6	<0.2
1143487	Soil	14	17	0.30	64	0.023	1	1.18	0.005	0.04	0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1096046	Soil	20	21	0.35	116	0.029	1	1.33	0.006	0.06	0.2	0.03	2.4	0.1	<0.05	4	<0.5	<0.2
1096045	Soil	25	22	0.35	129	0.020	2	1.31	0.008	0.07	0.2	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
1071475	Soil	33	26	0.49	147	0.019	<1	1.28	0.009	0.09	0.1	0.02	2.3	0.1	<0.05	4	<0.5	<0.2
1143494	Soil	20	20	0.34	76	0.020	3	1.22	0.006	0.04	0.1	0.04	1.2	<0.1	<0.05	4	<0.5	<0.2
1096047	Soil	21	14	0.14	84	0.022	1	0.69	0.006	0.06	0.2	0.05	1.3	0.1	<0.05	3	<0.5	<0.2
1143493	Soil	40	17	0.45	129	0.019	2	1.12	0.009	0.07	<0.1	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1143489	Soil	21	17	0.31	70	0.021	2	1.19	0.005	0.05	0.2	0.03	1.5	0.2	<0.05	4	<0.5	<0.2
1071483	Soil	26	22	0.25	110	0.015	<1	1.10	0.004	0.09	0.2	0.06	1.4	0.2	<0.05	5	<0.5	<0.2
1071486	Soil	27	19	0.35	102	0.007	2	0.83	0.004	0.07	0.1	0.03	2.4	<0.1	0.10	3	<0.5	<0.2
1143492	Soil	38	16	0.45	111	0.018	2	1.04	0.009	0.05	<0.1	0.03	1.4	<0.1	0.09	3	<0.5	<0.2
1071484	Soil	32	17	0.24	172	0.008	2	0.78	0.005	0.09	0.2	0.04	2.4	0.2	0.12	2	<0.5	<0.2
1071481	Soil	34	15	0.23	91	0.016	2	0.67	0.006	0.08	0.3	0.08	1.6	0.1	0.08	2	<0.5	<0.2
1071485	Soil	25	62	1.29	85	0.008	1	2.40	0.004	0.06	<0.1	0.03	7.4	<0.1	<0.05	8	<0.5	<0.2
1071480	Soil	29	4	0.07	71	0.004	2	0.28	0.029	0.09	<0.1	0.05	2.0	0.1	0.22	<1	<0.5	<0.2
1071482	Soil	27	15	0.15	55	0.023	<1	0.68	0.003	0.04	0.3	0.03	0.9	0.1	0.07	3	<0.5	<0.2
1143495	Soil	16	21	0.40	86	0.034	1	1.26	0.006	0.04	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1143490	Soil	27	17	0.41	73	0.023	<1	1.12	0.005	0.05	0.2	0.03	1.4	0.2	<0.05	3	<0.5	<0.2
1143496	Soil	25	20	0.38	76	0.024	1	1.28	0.006	0.04	0.1	0.05	1.4	<0.1	<0.05	4	<0.5	<0.2
1141014	Soil	17	22	0.33	61	0.024	<1	1.13	0.004	0.03	0.2	0.03	1.1	0.1	<0.05	4	<0.5	<0.2
1141023	Soil	16	22	0.34	102	0.020	<1	1.39	0.004	0.04	0.1	0.04	1.3	0.1	<0.05	4	<0.5	<0.2
1141029	Soil	28	23	0.39	107	0.023	1	1.35	0.004	0.04	0.2	0.02	1.7	0.1	<0.05	4	<0.5	<0.2
1141013	Soil	21	26	0.47	141	0.032	1	1.63	0.006	0.05	0.2	0.04	2.3	0.1	<0.05	5	<0.5	<0.2
1141017	Soil	20	23	0.41	101	0.035	1	1.39	0.005	0.04	0.1	0.03	1.9	0.1	<0.05	4	<0.5	<0.2
1141015	Soil	20	19	0.31	58	0.025	<1	1.06	0.004	0.03	0.3	0.04	1.2	0.1	<0.05	3	<0.5	<0.2
1141024	Soil	18	22	0.31	106	0.016	<1	1.34	0.004	0.03	0.2	0.05	1.4	0.1	<0.05	4	<0.5	<0.2
1141028	Soil	20	21	0.39	125	0.030	1	1.16	0.005	0.04	0.2	0.04	1.8	<0.1	<0.05	3	<0.5	<0.2

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Project: MHR
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000278.1

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1141022	Soil	1.0	17.5	13.5	59	<0.1	17.0	9.2	312	2.49	15.5	1.1	1.8	1.0	9	0.2	1.6	0.2	43	0.08	0.046
1141026	Soil	1.0	16.8	14.2	57	0.1	16.2	6.6	222	2.34	18.8	1.0	2.4	0.8	9	0.2	1.3	0.2	45	0.07	0.044
1141025	Soil	1.0	19.7	16.4	66	0.1	20.2	8.7	324	2.25	16.4	1.1	2.8	2.0	9	0.3	1.5	0.2	36	0.08	0.051
1141030	Soil	0.7	15.5	11.1	39	<0.1	12.9	5.2	179	2.06	10.2	0.6	2.9	1.5	7	<0.1	0.7	0.2	35	0.07	0.039
1141020	Soil	0.9	23.7	14.7	59	<0.1	20.5	8.3	257	2.41	16.3	1.4	2.6	2.2	9	0.2	1.5	0.2	37	0.08	0.051
1141027	Soil	1.1	22.3	15.2	56	0.1	17.8	6.7	193	2.32	14.6	1.1	2.5	0.7	9	0.2	0.9	0.2	42	0.08	0.062
1141021	Soil	1.0	16.8	13.1	56	<0.1	16.7	7.4	271	2.32	16.9	1.1	3.4	1.3	8	0.2	1.2	0.2	37	0.07	0.048
1141031	Soil	0.9	25.1	15.3	60	<0.1	22.4	10.4	301	2.20	10.8	0.9	5.2	2.8	11	0.2	1.2	0.2	37	0.11	0.051
1141032	Soil	1.0	24.1	14.6	65	<0.1	24.7	11.1	368	2.39	12.8	0.9	3.5	4.1	10	0.3	0.9	0.2	36	0.08	0.044
1141019	Soil	1.0	16.9	11.9	55	<0.1	16.7	6.5	213	2.27	13.2	1.0	2.2	0.7	9	0.2	1.4	0.2	41	0.09	0.054
1141018	Soil	0.7	24.6	9.9	59	<0.1	19.8	7.4	179	1.97	10.2	1.1	3.8	3.6	11	0.2	1.0	0.2	35	0.12	0.053
1141016	Soil	0.7	16.8	9.1	46	<0.1	13.4	5.6	150	1.97	12.7	1.0	1.8	2.1	10	0.1	0.7	0.2	36	0.10	0.051
1141034	Soil	0.8	23.3	14.7	52	<0.1	20.2	9.6	278	2.24	18.5	0.8	2.5	2.6	9	0.1	1.8	0.2	34	0.06	0.038
1141033	Soil	0.8	13.8	11.6	45	<0.1	14.5	6.0	190	2.11	15.3	0.7	1.6	0.8	7	0.1	0.8	0.2	41	0.07	0.036
1143026	Soil	1.4	57.3	39.3	96	0.1	42.3	14.4	455	4.07	11.2	2.9	1.5	13.5	20	0.2	2.6	0.6	16	0.02	0.071
1143028	Soil	1.6	49.8	40.4	74	<0.1	27.4	10.0	183	4.04	12.9	2.5	2.0	20.4	20	<0.1	1.0	0.7	17	0.01	0.046
1143027	Soil	1.3	37.7	26.3	69	<0.1	31.4	10.8	206	3.17	10.8	2.3	2.5	13.0	15	0.1	1.7	0.4	22	0.03	0.044
1143025	Soil	1.7	47.2	32.5	70	<0.1	16.6	5.7	123	4.08	13.7	1.7	2.0	18.2	15	<0.1	0.5	0.6	13	0.02	0.046
1143023	Soil	0.6	25.4	7.9	47	<0.1	20.3	8.1	345	1.79	11.7	0.7	2.5	3.7	14	0.1	0.8	0.2	27	0.16	0.070
1143034	Soil	1.2	32.6	24.1	63	0.2	22.1	10.1	149	3.28	14.2	1.6	1.8	13.2	10	0.1	1.8	0.4	33	0.03	0.033
1143030	Soil	1.6	54.5	35.3	83	0.1	37.4	14.2	255	3.89	16.8	2.7	3.4	18.2	17	0.1	2.5	0.6	17	0.02	0.039
1143032	Soil	1.5	45.8	27.1	83	<0.1	35.7	12.8	210	3.80	13.4	2.2	1.7	18.1	17	<0.1	0.8	0.5	23	0.03	0.038
1143029	Soil	2.0	52.8	34.6	85	0.1	41.5	19.0	699	3.94	20.9	2.3	2.0	15.9	22	0.2	2.9	0.6	20	0.07	0.045
1143031	Soil	1.6	46.7	35.2	74	0.2	22.7	14.8	430	4.00	15.5	2.6	2.2	20.0	23	0.1	0.7	0.6	19	0.03	0.050
1143011	Soil	0.9	21.3	14.5	61	<0.1	21.8	11.5	337	2.31	8.4	1.1	5.3	4.1	11	0.2	0.8	0.3	27	0.07	0.043
1143010	Soil	0.8	14.4	10.8	43	<0.1	13.1	5.7	162	1.99	9.2	0.7	0.7	2.3	8	0.1	0.6	0.2	30	0.06	0.036
1143033	Soil	1.1	38.6	26.8	67	<0.1	36.1	15.6	271	3.22	12.8	2.1	2.3	12.5	14	0.1	1.5	0.4	26	0.03	0.036
1143009	Soil	1.1	15.9	32.8	57	<0.1	16.2	7.0	243	2.58	10.2	0.7	12.2	4.9	9	0.1	0.7	0.3	35	0.05	0.036
1143008	Soil	0.8	16.4	12.7	58	<0.1	17.1	9.8	393	2.08	9.4	1.0	1.2	3.0	11	0.3	0.7	0.2	26	0.09	0.050
1143012	Soil	0.9	21.0	13.6	60	<0.1	21.9	11.7	345	2.25	8.7	1.1	1.5	3.8	11	0.2	0.8	0.3	27	0.07	0.042

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1141022	Soil	17	23	0.36	106	0.023	1	1.46	0.005	0.04	0.2	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1141026	Soil	17	23	0.34	80	0.024	1	1.31	0.004	0.04	0.2	0.05	1.2	0.1	<0.05	4	<0.5	<0.2
1141025	Soil	19	22	0.33	80	0.023	<1	1.15	0.004	0.04	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1141030	Soil	13	18	0.27	74	0.018	<1	1.18	0.003	0.02	0.2	0.05	1.1	<0.1	<0.05	3	<0.5	<0.2
1141020	Soil	22	22	0.37	104	0.028	<1	1.38	0.004	0.04	0.2	0.05	1.8	0.1	<0.05	4	<0.5	<0.2
1141027	Soil	19	23	0.36	84	0.022	<1	1.32	0.005	0.04	0.2	0.04	1.2	0.1	<0.05	4	0.5	<0.2
1141021	Soil	16	21	0.31	95	0.020	<1	1.22	0.004	0.04	0.2	0.04	1.2	0.1	<0.05	4	<0.5	<0.2
1141031	Soil	21	18	0.32	99	0.023	1	1.10	0.004	0.04	0.3	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
1141032	Soil	19	22	0.39	121	0.025	1	1.32	0.005	0.04	0.3	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1141019	Soil	17	23	0.36	84	0.025	<1	1.43	0.004	0.04	0.2	0.03	1.2	0.1	<0.05	4	<0.5	<0.2
1141018	Soil	20	20	0.36	104	0.037	<1	1.22	0.005	0.05	0.2	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1141016	Soil	18	20	0.34	72	0.028	<1	1.25	0.004	0.03	0.3	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1141034	Soil	17	19	0.37	104	0.019	<1	1.39	0.005	0.03	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1141033	Soil	15	20	0.31	80	0.024	<1	1.32	0.004	0.03	0.2	0.03	1.2	0.1	<0.05	4	<0.5	<0.2
1143026	Soil	56	33	0.56	41	0.002	<1	1.52	0.006	0.04	<0.1	0.02	0.9	<0.1	0.07	5	<0.5	<0.2
1143028	Soil	60	19	0.55	41	0.002	<1	1.57	0.006	0.04	<0.1	0.01	1.0	<0.1	0.06	5	<0.5	<0.2
1143027	Soil	45	24	0.47	51	0.005	<1	1.40	0.005	0.04	<0.1	0.03	1.2	<0.1	0.05	4	<0.5	<0.2
1143025	Soil	61	17	0.50	30	0.001	<1	1.39	0.004	0.04	<0.1	0.02	0.7	<0.1	0.05	4	<0.5	<0.2
1143023	Soil	13	15	0.31	140	0.021	1	0.87	0.005	0.03	0.2	0.03	1.7	<0.1	0.07	2	<0.5	<0.2
1143034	Soil	35	20	0.41	70	0.006	<1	1.76	0.004	0.04	<0.1	<0.01	1.4	<0.1	<0.05	5	<0.5	<0.2
1143030	Soil	36	22	0.57	55	0.002	<1	1.58	0.005	0.04	<0.1	0.01	1.1	<0.1	<0.05	4	<0.5	<0.2
1143032	Soil	34	17	0.44	60	0.002	<1	1.57	0.004	0.04	<0.1	0.02	1.0	<0.1	<0.05	5	<0.5	<0.2
1143029	Soil	40	21	0.55	86	0.002	<1	1.58	0.005	0.05	<0.1	0.03	1.1	<0.1	<0.05	5	<0.5	<0.2
1143031	Soil	42	17	0.37	63	0.002	<1	1.40	0.006	0.05	<0.1	0.03	0.9	<0.1	<0.05	5	<0.5	<0.2
1143011	Soil	23	17	0.34	85	0.011	<1	1.07	0.004	0.03	0.1	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1143010	Soil	15	16	0.28	68	0.011	<1	1.05	0.004	0.03	0.2	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1143033	Soil	34	20	0.38	59	0.007	<1	1.47	0.004	0.04	0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1143009	Soil	20	19	0.34	55	0.015	<1	1.19	0.004	0.04	0.2	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1143008	Soil	21	17	0.31	79	0.012	<1	1.04	0.004	0.04	0.1	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1143012	Soil	24	17	0.34	87	0.014	<1	1.10	0.004	0.03	0.1	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000278.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1143020	Soil	1.1	24.4	17.3	44	<0.1	14.2	5.9	137	2.84	10.2	1.1	4.5	8.4	8	<0.1	0.6	0.3	34	0.03	0.028
1143022	Soil	0.8	18.5	13.3	43	<0.1	15.7	8.0	246	2.14	10.7	0.8	1.4	4.4	9	0.1	0.6	0.3	34	0.05	0.031
1143024	Soil	0.7	27.9	15.1	62	0.1	26.8	10.8	276	2.24	8.4	2.1	5.7	2.4	15	0.2	1.0	0.2	23	0.17	0.053
1143007	Soil	0.9	11.4	10.9	36	<0.1	11.8	4.1	123	1.92	8.4	0.7	2.0	1.6	8	0.1	0.5	0.2	33	0.05	0.030
1143018	Soil	1.1	32.8	26.6	68	0.2	30.1	17.1	1005	3.28	11.5	2.0	12.5	4.2	15	0.1	2.4	0.3	28	0.05	0.065
1143006	Soil	0.9	22.1	18.1	67	0.1	22.0	10.2	284	2.44	21.1	1.2	7.3	5.1	10	0.2	2.7	0.2	24	0.05	0.038
1143004	Soil	0.9	19.5	19.8	52	0.1	17.2	6.9	152	2.15	18.7	1.0	2.5	5.1	8	0.2	3.6	0.3	20	0.03	0.027
1143003	Soil	0.9	26.5	35.0	90	0.6	26.4	10.6	410	2.39	49.9	1.2	10.9	7.6	15	0.7	7.6	0.3	22	0.13	0.063
1143005	Soil	1.4	13.5	13.3	75	0.2	15.4	9.3	309	2.59	12.9	0.7	1.1	5.4	9	0.2	0.9	0.3	51	0.06	0.021
1143021	Soil	0.8	13.0	9.8	34	<0.1	12.3	4.4	118	1.72	9.5	0.7	10.3	1.6	7	0.1	0.5	0.2	32	0.06	0.029
1143013	Soil	0.8	22.7	13.6	64	<0.1	23.2	15.1	483	2.41	9.3	1.1	1.4	5.2	11	0.2	0.6	0.2	29	0.07	0.037
1143017	Soil	1.1	22.4	15.4	63	<0.1	24.5	9.8	224	2.73	11.4	1.1	1.8	8.5	9	0.1	1.0	0.4	35	0.05	0.025
1143016	Soil	0.9	40.7	12.6	67	<0.1	34.8	16.3	288	2.39	9.4	1.5	3.2	9.1	14	0.2	0.8	0.3	27	0.12	0.057
1143002	Soil	0.8	9.6	18.3	44	<0.1	11.3	4.3	136	1.92	17.7	0.6	1.6	2.8	7	0.2	1.6	0.2	35	0.05	0.022
1143015	Soil	0.8	51.3	35.3	95	0.6	40.0	29.2	2407	3.29	7.9	2.6	1.9	5.1	21	0.3	0.4	0.5	17	0.08	0.096
1143019	Soil	1.0	20.8	13.0	52	<0.1	17.7	8.8	215	2.53	12.1	1.0	1.7	6.4	8	0.1	1.0	0.3	36	0.06	0.031
1143014	Soil	0.8	20.9	11.1	57	<0.1	21.4	12.4	367	2.11	9.4	0.9	2.4	4.0	11	0.2	0.7	0.2	28	0.10	0.049
1143001	Soil	1.5	42.5	18.2	87	<0.1	30.5	13.4	230	3.38	44.0	1.4	2.2	10.0	19	0.3	1.6	0.4	42	0.06	0.031
1143069	Soil	0.9	34.3	14.4	75	0.1	26.5	11.3	254	2.94	53.8	1.8	1.5	8.6	16	0.2	4.1	0.3	26	0.10	0.053
1099454	Soil	1.0	30.4	20.4	70	0.1	34.7	17.2	631	2.68	9.9	1.9	1.1	4.3	10	0.2	2.1	0.2	24	0.07	0.055
1099452	Soil	1.2	34.1	27.3	66	<0.1	23.7	9.8	265	3.12	7.3	1.8	2.2	2.0	11	<0.1	1.4	0.5	22	0.05	0.084
1143064	Soil	1.1	15.8	12.0	65	0.1	18.7	9.5	352	2.30	13.8	0.8	2.3	1.8	11	0.3	1.5	0.2	43	0.11	0.066
1099451	Soil	0.6	53.1	22.6	96	<0.1	54.0	23.4	519	3.74	5.1	2.7	0.5	18.0	11	0.1	1.5	0.4	13	0.05	0.042
1099456	Soil	0.9	19.5	13.6	66	<0.1	23.9	11.2	456	2.46	12.1	0.8	1.4	1.9	8	0.2	0.9	0.2	38	0.07	0.039
1099457	Soil	0.9	26.9	19.1	62	<0.1	23.2	11.3	267	2.53	9.4	1.3	3.2	3.7	11	0.1	0.7	0.3	28	0.05	0.038
1099459	Soil	0.9	19.2	13.6	53	<0.1	18.9	7.7	208	2.21	9.9	0.7	2.1	1.4	9	0.1	0.7	0.2	36	0.05	0.035
1099453	Soil	0.9	36.0	25.0	65	<0.1	23.8	13.5	250	2.84	7.4	1.9	7.1	8.2	17	0.2	1.1	0.4	21	0.05	0.044
1099455	Soil	0.8	16.9	10.5	41	<0.1	16.4	5.7	171	2.05	8.9	0.8	8.2	1.1	7	0.1	0.7	0.2	29	0.06	0.041
1099458	Soil	0.7	20.5	11.5	48	<0.1	17.5	7.5	262	2.15	9.9	0.9	1.2	1.5	7	0.1	0.7	0.2	30	0.05	0.037
1099461	Soil	0.9	20.3	13.9	50	<0.1	21.5	8.5	229	2.14	9.5	0.9	1.3	2.1	9	0.1	0.6	0.2	29	0.05	0.034

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Project: MHR
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000278.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1143020	Soil	23	17	0.27	40	0.010	<1	1.20	0.003	0.03	0.1	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
1143022	Soil	17	18	0.30	67	0.021	<1	1.09	0.004	0.03	0.2	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1143024	Soil	24	17	0.37	81	0.011	<1	1.13	0.004	0.03	0.1	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1143007	Soil	19	21	0.26	60	0.011	<1	1.18	0.004	0.03	0.1	0.04	1.0	<0.1	<0.05	4	<0.5	<0.2
1143018	Soil	30	15	0.25	62	0.008	<1	1.05	0.005	0.04	<0.1	0.06	0.8	<0.1	<0.05	4	<0.5	<0.2
1143006	Soil	30	16	0.27	88	0.007	<1	1.07	0.004	0.04	0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1143004	Soil	44	11	0.17	76	0.005	<1	0.76	0.003	0.05	0.1	0.02	0.9	0.1	<0.05	3	<0.5	<0.2
1143003	Soil	25	14	0.26	76	0.018	<1	0.67	0.004	0.05	0.2	<0.01	1.3	<0.1	<0.05	2	<0.5	<0.2
1143005	Soil	17	27	0.39	112	0.026	<1	1.76	0.006	0.05	0.2	0.02	2.2	0.1	<0.05	5	<0.5	<0.2
1143021	Soil	13	17	0.23	64	0.017	<1	0.88	0.004	0.02	0.1	0.04	1.1	<0.1	<0.05	3	<0.5	<0.2
1143013	Soil	20	20	0.39	92	0.013	<1	1.20	0.004	0.04	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1143017	Soil	23	21	0.34	73	0.018	<1	1.33	0.004	0.04	0.1	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1143016	Soil	21	18	0.43	75	0.022	<1	1.14	0.005	0.04	0.2	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1143002	Soil	14	20	0.23	59	0.016	<1	1.02	0.004	0.03	0.2	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1143015	Soil	35	20	0.44	90	0.005	<1	1.25	0.007	0.05	<0.1	0.14	0.8	<0.1	0.06	4	<0.5	<0.2
1143019	Soil	18	20	0.31	70	0.017	<1	1.22	0.004	0.03	0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1143014	Soil	17	18	0.35	72	0.020	<1	1.11	0.004	0.04	0.2	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
1143001	Soil	24	32	0.51	96	0.026	<1	1.69	0.008	0.07	0.1	0.02	2.2	0.1	<0.05	5	<0.5	<0.2
1143069	Soil	27	19	0.42	104	0.021	<1	1.19	0.005	0.05	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1099454	Soil	15	21	0.34	91	0.012	<1	1.09	0.006	0.04	0.1	0.05	1.1	<0.1	<0.05	3	<0.5	<0.2
1099452	Soil	14	19	0.42	48	0.005	<1	1.23	0.006	0.04	<0.1	0.04	0.5	<0.1	0.08	4	<0.5	<0.2
1143064	Soil	15	28	0.38	88	0.030	<1	1.34	0.006	0.04	0.2	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1099451	Soil	20	17	0.68	47	0.002	<1	1.44	0.003	0.04	<0.1	<0.01	1.0	<0.1	<0.05	4	<0.5	<0.2
1099456	Soil	14	23	0.39	137	0.015	<1	1.37	0.005	0.03	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1099457	Soil	17	18	0.36	83	0.013	1	1.17	0.006	0.03	0.1	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
1099459	Soil	12	20	0.29	69	0.015	<1	1.05	0.005	0.03	0.2	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
1099453	Soil	13	16	0.41	47	0.011	<1	0.99	0.005	0.03	0.2	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
1099455	Soil	9	16	0.25	56	0.013	1	0.84	0.004	0.02	0.2	0.03	0.8	<0.1	<0.05	3	0.6	<0.2
1099458	Soil	13	17	0.30	57	0.014	<1	1.05	0.004	0.03	0.1	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2
1099461	Soil	13	22	0.30	56	0.013	<1	0.97	0.005	0.03	0.2	0.04	1.1	<0.1	<0.05	3	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1099462	Soil		0.8	31.9	14.6	52	<0.1	24.6	10.1	292	2.27	9.7	1.1	0.7	3.8	9	<0.1	0.6	0.2	30	0.06	0.033
1143063	Soil		0.6	11.8	8.0	36	0.1	11.5	4.8	163	1.57	9.1	0.5	2.5	0.5	7	<0.1	0.6	0.1	28	0.07	0.044
1143073	Soil		0.5	21.5	8.0	49	<0.1	17.8	7.1	235	1.73	13.3	0.6	1.7	3.8	10	0.1	0.7	0.1	24	0.12	0.059
1143068	Soil		0.6	17.5	9.8	48	<0.1	15.5	5.3	162	1.83	10.8	0.6	3.3	1.8	12	0.2	0.7	0.2	31	0.14	0.064
1143072	Soil		0.5	25.3	8.4	54	<0.1	20.2	8.3	298	1.85	15.1	0.7	1.3	4.0	11	0.2	0.8	0.2	27	0.14	0.063
1143067	Soil		0.6	18.3	10.5	50	<0.1	15.6	5.3	171	1.90	12.0	0.7	8.8	2.1	12	0.2	0.7	0.1	35	0.14	0.066
1143071	Soil		0.7	20.6	8.2	53	<0.1	17.6	8.7	277	1.86	9.5	0.8	7.6	2.6	9	0.2	0.6	0.2	28	0.09	0.048
1143066	Soil		0.7	10.5	9.8	36	<0.1	10.0	3.9	142	1.63	9.8	0.6	1.5	0.6	7	<0.1	0.8	0.2	30	0.07	0.038
1143065	Soil		0.7	11.5	10.7	38	<0.1	10.6	5.1	190	1.75	10.2	0.6	1.3	0.6	8	0.2	0.8	0.2	32	0.08	0.041
1143051	Soil		1.0	22.6	15.7	56	<0.1	21.8	8.2	370	2.30	18.2	1.1	3.3	1.2	8	0.2	1.2	0.2	39	0.06	0.047
1143060	Soil		1.0	37.7	25.9	67	0.3	19.0	7.9	199	3.50	37.6	1.7	6.4	8.1	19	0.2	1.1	0.3	31	0.05	0.058
1143054	Soil		0.8	26.5	15.2	67	0.2	27.2	10.4	253	2.48	18.5	1.4	10.4	5.7	13	0.2	2.9	0.2	28	0.11	0.055
1143052	Soil		1.0	8.6	11.6	34	0.1	8.5	3.8	164	1.92	12.1	0.5	1.7	0.8	5	0.1	0.8	0.2	34	0.04	0.028
1143061	Soil		1.0	21.4	38.6	62	0.2	18.1	6.8	202	2.39	25.3	1.0	5.5	2.3	11	0.3	2.9	0.2	36	0.07	0.055
1143057	Soil		1.0	27.8	177.7	115	2.4	23.3	13.2	560	2.72	64.2	1.3	42.6	7.2	21	0.7	20.3	0.3	27	0.10	0.067
1143058	Soil		1.4	23.8	27.8	69	0.3	20.0	9.3	451	2.97	21.7	1.0	7.4	4.5	14	0.2	2.3	0.3	32	0.05	0.054
1143053	Soil		1.2	17.6	16.5	53	<0.1	15.1	6.5	224	2.29	13.8	0.7	11.3	1.0	7	0.2	1.0	0.3	39	0.06	0.054
1143055	Soil		0.8	19.9	11.4	51	0.1	17.9	7.4	254	2.27	18.4	0.9	8.7	3.9	12	0.2	1.2	0.2	37	0.13	0.068
1099460	Soil		1.0	25.9	17.4	61	<0.1	19.2	10.3	407	2.67	11.4	1.2	3.8	1.8	13	0.1	0.6	0.2	35	0.06	0.048
1143062	Soil		0.8	16.9	18.2	56	0.2	15.9	6.0	223	2.12	20.9	0.8	6.6	2.6	10	0.2	1.0	0.2	32	0.09	0.051
1099481	Soil		1.7	45.5	46.9	64	<0.1	17.4	7.4	213	4.00	8.5	1.4	3.1	7.2	8	<0.1	2.1	1.0	22	0.03	0.057
1143070	Soil		0.7	22.9	9.9	54	<0.1	16.9	7.9	244	2.00	13.8	0.9	3.6	3.4	9	0.1	0.8	0.2	30	0.09	0.050
1099485	Soil		1.0	17.4	12.6	41	<0.1	10.9	4.3	161	2.49	9.8	0.8	1.2	2.6	6	<0.1	0.8	0.3	33	0.03	0.031
1099486	Soil		0.8	17.4	12.5	51	<0.1	22.3	10.0	246	2.28	9.5	0.8	6.0	2.8	8	<0.1	0.8	0.2	37	0.09	0.037
1143059	Soil		0.8	8.1	8.3	22	<0.1	6.3	2.6	100	1.39	11.8	0.5	1.4	0.6	5	<0.1	0.6	0.2	30	0.03	0.029
1143056	Soil		0.9	18.0	11.2	63	<0.1	19.3	8.9	374	2.33	16.2	0.9	7.3	4.3	11	0.3	0.9	0.2	33	0.10	0.054
1099477	Soil		0.8	13.2	13.2	40	<0.1	14.0	5.8	216	1.93	9.5	0.6	2.0	1.9	5	<0.1	0.7	0.2	30	0.03	0.026
1099480	Soil		1.2	50.3	35.4	71	<0.1	15.6	6.5	192	3.92	7.8	1.7	3.5	15.0	16	<0.1	0.8	0.7	19	0.02	0.042
1099478	Soil		1.1	24.6	15.9	57	<0.1	20.8	9.0	258	2.62	10.8	1.4	2.6	4.5	13	0.1	0.8	0.3	27	0.04	0.031
1099476	Soil		0.8	22.3	12.1	51	<0.1	15.7	6.8	231	2.25	8.7	1.0	0.7	3.8	8	0.1	1.1	0.2	28	0.04	0.030

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Project: MHR
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000278.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1099462	Soil	17	23	0.39	71	0.013	<1	1.05	0.006	0.03	0.1	0.02	1.9	<0.1	<0.05	3	0.6	<0.2
1143063	Soil	9	16	0.23	53	0.012	<1	0.79	0.004	0.02	0.2	0.02	0.8	<0.1	<0.05	3	<0.5	<0.2
1143073	Soil	11	14	0.27	68	0.022	<1	0.83	0.004	0.03	0.2	0.03	1.6	<0.1	<0.05	2	<0.5	<0.2
1143068	Soil	14	18	0.28	102	0.022	<1	0.83	0.004	0.03	0.3	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1143072	Soil	14	16	0.29	84	0.027	<1	0.88	0.004	0.03	0.3	0.02	1.9	<0.1	<0.05	2	<0.5	<0.2
1143067	Soil	15	19	0.29	106	0.024	<1	0.88	0.005	0.03	0.3	0.05	1.4	<0.1	<0.05	3	<0.5	<0.2
1143071	Soil	12	17	0.31	109	0.021	<1	1.06	0.004	0.03	0.2	0.02	1.8	<0.1	<0.05	3	0.5	<0.2
1143066	Soil	10	17	0.24	64	0.013	<1	0.95	0.004	0.02	0.2	0.03	0.9	<0.1	<0.05	3	0.6	<0.2
1143065	Soil	11	19	0.26	72	0.016	<1	1.01	0.004	0.03	0.2	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2
1143051	Soil	17	24	0.25	65	0.020	1	1.00	0.004	0.05	0.2	0.05	1.1	0.1	<0.05	4	<0.5	<0.2
1143060	Soil	32	22	0.40	57	0.017	1	1.33	0.009	0.04	0.2	0.03	1.5	<0.1	0.12	4	<0.5	<0.2
1143054	Soil	20	17	0.30	97	0.018	<1	0.88	0.004	0.03	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1143052	Soil	9	15	0.17	43	0.016	<1	0.81	0.005	0.02	0.2	0.04	0.8	<0.1	<0.05	4	<0.5	<0.2
1143061	Soil	16	19	0.32	67	0.015	<1	1.13	0.005	0.03	0.2	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
1143057	Soil	29	17	0.31	64	0.017	<1	0.93	0.008	0.04	0.3	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
1143058	Soil	22	23	0.37	61	0.016	<1	1.25	0.007	0.05	0.3	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1143053	Soil	14	19	0.23	59	0.014	<1	1.10	0.004	0.03	0.3	0.03	0.9	<0.1	<0.05	4	0.7	<0.2
1143055	Soil	15	19	0.29	71	0.022	<1	0.87	0.004	0.03	0.8	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1099460	Soil	19	20	0.46	59	0.012	<1	1.13	0.005	0.03	0.2	0.03	1.3	<0.1	<0.05	4	0.5	<0.2
1143062	Soil	14	19	0.34	89	0.027	1	1.02	0.005	0.03	0.2	0.03	1.4	<0.1	<0.05	3	0.5	<0.2
1099481	Soil	39	18	0.32	35	0.012	<1	0.87	0.006	0.03	0.1	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1143070	Soil	13	19	0.34	93	0.022	<1	1.15	0.005	0.03	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1099485	Soil	16	15	0.24	38	0.012	<1	0.92	0.004	0.02	0.1	0.03	0.9	<0.1	<0.05	4	<0.5	<0.2
1099486	Soil	18	19	0.26	60	0.024	2	1.16	0.005	0.04	0.2	0.04	1.7	<0.1	0.08	3	<0.5	<0.2
1143059	Soil	9	12	0.14	34	0.012	<1	0.79	0.003	0.02	0.1	0.03	0.7	<0.1	<0.05	3	<0.5	<0.2
1143056	Soil	15	19	0.32	80	0.025	1	0.95	0.005	0.04	0.6	0.04	1.5	<0.1	<0.05	3	<0.5	<0.2
1099477	Soil	11	13	0.21	42	0.014	<1	0.75	0.003	0.02	0.1	0.04	1.0	<0.1	<0.05	3	0.5	<0.2
1099480	Soil	48	19	0.51	82	0.005	<1	1.28	0.007	0.04	<0.1	0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
1099478	Soil	23	17	0.35	68	0.014	<1	1.11	0.006	0.03	0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1099476	Soil	16	17	0.34	57	0.015	<1	1.04	0.004	0.02	0.1	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2

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Project: MHR
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000278.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1099483	Soil		1.3	35.7	19.5	69	<0.1	16.7	7.4	231	3.44	11.2	1.2	2.6	8.8	8	0.1	1.3	0.6	29	0.04	0.042
1099475	Soil		1.4	21.3	11.6	38	0.2	9.6	3.4	131	2.14	10.3	1.2	3.1	0.7	8	0.1	1.1	0.3	28	0.04	0.079
1099482	Soil		1.1	32.6	17.9	65	<0.1	17.8	7.6	242	3.13	11.6	1.1	3.4	7.1	8	0.1	1.3	0.4	30	0.05	0.039
1099479	Soil		1.0	36.2	24.6	77	<0.1	19.5	8.6	294	3.30	16.1	2.8	1.6	9.1	22	0.1	2.4	0.4	25	0.05	0.060
1099469	Soil		0.9	21.7	13.0	50	<0.1	18.5	7.8	232	2.26	10.9	1.0	2.1	2.5	7	0.1	1.2	0.2	33	0.05	0.029
1099470	Soil		0.7	15.7	9.0	44	<0.1	14.6	5.9	230	2.08	10.3	0.5	1.1	2.1	8	0.1	0.7	0.1	28	0.08	0.039
1099471	Soil		0.9	19.4	11.5	46	<0.1	16.3	6.4	220	2.29	10.1	0.9	0.5	1.7	9	0.1	0.7	0.2	32	0.06	0.039
1099472	Soil		1.0	34.9	20.6	63	<0.1	31.4	20.9	376	2.86	9.2	1.7	3.5	9.3	12	0.1	2.2	0.3	25	0.06	0.045
1099473	Soil		1.2	22.8	16.8	54	<0.1	17.7	8.1	242	2.67	13.1	1.3	4.4	2.0	9	0.2	3.7	0.3	44	0.06	0.047
1099474	Soil		0.9	22.1	22.8	49	<0.1	19.1	8.4	215	2.41	12.4	1.1	5.1	3.3	9	0.2	3.8	0.3	35	0.04	0.028
1099467	Soil		1.0	38.7	17.3	56	<0.1	30.7	13.2	367	2.89	11.1	1.2	0.9	4.6	14	0.1	0.6	0.3	40	0.08	0.039
1099468	Soil		1.2	39.4	24.4	66	<0.1	30.5	16.2	382	3.00	9.3	1.6	1.6	7.6	10	0.1	0.8	0.5	33	0.05	0.029
1099466	Soil		0.6	33.1	7.7	47	<0.1	55.1	17.9	456	2.30	12.1	0.6	1.3	2.4	12	0.1	0.7	0.2	34	0.13	0.049
1099463	Soil		1.1	32.1	23.2	59	<0.1	20.9	9.0	244	2.78	11.7	1.4	2.2	7.4	9	0.1	0.7	0.3	28	0.04	0.028
1099464	Soil		1.2	37.1	28.9	79	<0.1	39.3	16.1	400	2.89	11.0	2.6	1.9	6.4	8	0.2	1.0	0.4	33	0.05	0.032
1099465	Soil		1.2	40.0	17.7	74	<0.1	46.8	23.7	546	3.10	8.8	1.9	1.7	5.8	10	0.1	0.5	0.2	28	0.06	0.033
1143085	Soil		1.1	13.4	14.8	45	0.2	13.0	5.6	238	2.28	15.2	0.7	4.8	0.7	8	0.2	1.0	0.2	46	0.08	0.056
1143080	Soil		1.4	9.5	17.7	41	0.2	9.5	4.3	177	2.74	13.3	0.6	1.4	2.7	7	0.2	0.8	0.3	65	0.06	0.025
1143083	Soil		1.0	17.1	22.3	61	0.1	17.5	7.9	354	2.05	12.6	0.8	5.0	1.4	11	0.4	1.3	0.2	41	0.12	0.067
1143081	Soil		0.9	18.4	25.7	77	<0.1	18.6	9.9	345	2.26	16.4	0.9	8.4	2.4	10	0.5	1.4	0.2	35	0.09	0.053
1143086	Soil		0.7	17.5	10.6	49	<0.1	15.2	7.5	242	1.88	13.6	0.8	3.5	1.7	9	0.2	0.6	0.2	34	0.10	0.055
1143075	Soil		0.7	20.2	10.7	47	<0.1	15.1	6.2	202	1.88	13.6	0.8	16.5	1.7	10	0.2	0.8	0.2	30	0.10	0.058
1143078	Soil		0.8	13.2	11.6	43	<0.1	12.8	6.1	188	2.09	14.8	0.7	16.9	1.1	8	0.2	0.7	0.2	36	0.07	0.041
1143076	Soil		0.9	16.7	12.9	47	<0.1	12.9	5.3	154	2.08	23.3	0.9	2.5	1.1	9	0.2	0.7	0.2	36	0.06	0.046
1143079	Soil		0.9	17.7	21.7	51	<0.1	14.8	6.5	197	2.06	60.7	1.0	3.1	2.4	9	0.3	1.0	0.3	32	0.07	0.041
1143077	Soil		0.9	18.2	13.6	54	<0.1	14.5	5.9	166	2.22	24.4	1.0	1.4	1.1	10	0.2	0.8	0.2	36	0.07	0.049
1143084	Soil		1.2	9.4	31.0	37	<0.1	9.5	4.7	204	2.53	13.2	0.5	3.0	1.1	7	0.1	0.9	0.2	54	0.06	0.043
1143082	Soil		1.2	19.3	42.2	72	0.6	17.4	9.1	355	2.49	16.1	0.7	4.6	1.7	10	0.4	2.5	0.2	46	0.09	0.056
1143726	Soil		1.5	36.7	30.9	66	<0.1	16.2	7.7	296	3.46	11.0	1.3	1.1	8.4	10	0.1	1.0	0.5	31	0.05	0.045
1138743	Soil		0.9	37.3	19.5	67	<0.1	30.9	12.6	345	3.01	10.1	1.7	4.9	8.1	11	0.2	1.6	0.3	25	0.06	0.042

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1099483	Soil	41	22	0.49	63	0.015	1	1.45	0.005	0.04	<0.1	0.04	1.3	<0.1	<0.05	4	0.5	<0.2
1099475	Soil	21	13	0.21	51	0.016	<1	0.78	0.006	0.04	0.1	0.14	0.5	<0.1	0.11	4	0.6	<0.2
1099482	Soil	35	21	0.47	66	0.016	1	1.39	0.005	0.04	0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1099479	Soil	50	19	0.46	63	0.011	<1	1.35	0.008	0.06	<0.1	0.05	1.0	<0.1	0.06	4	<0.5	<0.2
1099469	Soil	17	18	0.33	64	0.021	<1	1.18	0.004	0.03	0.2	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
1099470	Soil	13	16	0.30	43	0.025	<1	0.94	0.004	0.03	0.2	0.05	1.1	<0.1	<0.05	3	<0.5	<0.2
1099471	Soil	19	17	0.31	61	0.018	<1	0.90	0.005	0.04	0.1	0.06	0.9	<0.1	<0.05	4	<0.5	<0.2
1099472	Soil	31	17	0.44	52	0.020	<1	1.24	0.006	0.04	<0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1099473	Soil	24	20	0.27	47	0.024	<1	1.04	0.005	0.04	0.1	0.04	0.9	<0.1	<0.05	5	<0.5	<0.2
1099474	Soil	19	17	0.28	52	0.021	<1	1.09	0.004	0.04	0.2	0.05	1.2	<0.1	<0.05	4	<0.5	<0.2
1099467	Soil	29	29	0.59	93	0.019	<1	1.46	0.006	0.03	0.1	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2
1099468	Soil	33	20	0.51	77	0.023	<1	1.48	0.005	0.04	0.1	0.02	1.7	0.1	<0.05	4	<0.5	<0.2
1099466	Soil	12	34	0.42	86	0.018	<1	0.98	0.004	0.02	0.2	0.03	2.6	<0.1	<0.05	3	<0.5	<0.2
1099463	Soil	30	18	0.37	67	0.020	<1	1.07	0.005	0.03	0.1	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
1099464	Soil	24	18	0.31	76	0.021	<1	1.38	0.006	0.04	0.1	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
1099465	Soil	25	21	0.32	94	0.010	<1	0.91	0.006	0.04	<0.1	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1143085	Soil	13	20	0.26	51	0.025	<1	0.95	0.005	0.03	0.3	0.04	0.9	<0.1	<0.05	4	<0.5	<0.2
1143080	Soil	13	23	0.23	47	0.038	<1	1.32	0.004	0.03	0.2	0.04	1.5	0.2	<0.05	6	<0.5	<0.2
1143083	Soil	16	19	0.27	76	0.028	<1	0.93	0.004	0.04	0.5	0.05	1.2	<0.1	<0.05	4	<0.5	<0.2
1143081	Soil	15	20	0.32	93	0.023	<1	1.19	0.004	0.03	0.2	0.04	1.5	<0.1	<0.05	3	<0.5	<0.2
1143086	Soil	15	20	0.31	76	0.026	<1	1.09	0.004	0.03	0.2	0.07	1.5	<0.1	<0.05	3	<0.5	<0.2
1143075	Soil	14	17	0.30	62	0.019	<1	1.03	0.004	0.03	0.2	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1143078	Soil	14	19	0.30	74	0.017	<1	1.17	0.004	0.03	0.2	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1143076	Soil	15	20	0.33	61	0.018	<1	1.14	0.004	0.03	0.1	0.03	1.1	0.1	<0.05	4	<0.5	<0.2
1143079	Soil	18	18	0.32	58	0.021	<1	1.02	0.004	0.04	0.2	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1143077	Soil	18	21	0.36	72	0.017	<1	1.21	0.005	0.04	0.2	0.03	1.1	0.1	<0.05	4	<0.5	<0.2
1143084	Soil	13	19	0.21	48	0.038	<1	0.85	0.006	0.03	0.2	0.03	0.9	<0.1	<0.05	6	<0.5	<0.2
1143082	Soil	13	23	0.32	80	0.028	<1	1.30	0.005	0.04	0.2	0.04	1.5	<0.1	<0.05	4	0.5	<0.2
1143726	Soil	34	22	0.45	58	0.019	<1	1.27	0.006	0.04	0.1	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1138743	Soil	33	17	0.28	75	0.011	<1	0.88	0.005	0.04	0.2	0.04	1.9	<0.1	<0.05	2	<0.5	<0.2

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Project: MHR
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000278.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1143723	Soil		1.1	54.3	22.0	81	<0.1	36.1	18.8	276	3.15	19.9	2.8	1.1	18.0	12	0.2	1.5	0.3	22	0.06	0.040
1143719	Soil		0.8	61.8	31.1	104	<0.1	29.8	13.7	252	4.79	11.9	3.4	2.5	21.4	11	<0.1	1.6	0.6	17	0.02	0.063
1143713	Soil		1.3	23.6	26.4	65	0.2	17.0	7.6	206	2.63	49.5	1.2	2.1	1.5	8	0.4	1.0	0.6	41	0.05	0.056
1143717	Soil		0.8	27.5	26.1	69	0.4	24.4	11.9	335	2.50	96.5	1.4	4.1	5.1	13	0.5	2.5	0.4	32	0.11	0.065
1143721	Soil		0.9	23.9	15.0	57	<0.1	23.9	12.7	279	2.33	10.0	1.1	10.4	4.7	12	0.2	1.1	0.3	26	0.10	0.055
1143729	Soil		1.1	24.1	15.7	54	<0.1	19.8	9.5	254	2.57	11.7	1.2	1.4	4.5	9	0.1	0.8	0.3	33	0.06	0.037
1143722	Soil		1.0	43.1	17.0	74	<0.1	20.0	9.1	226	3.50	10.7	2.0	2.3	12.2	9	0.1	0.9	0.4	21	0.04	0.056
1143718	Soil		1.2	42.2	18.2	74	<0.1	23.6	10.8	307	3.47	9.2	1.6	5.2	14.6	19	0.2	1.5	0.3	20	0.11	0.055
1143724	Soil		0.8	24.7	14.4	60	<0.1	25.9	12.1	313	2.42	11.1	0.9	2.8	6.0	8	0.1	3.1	0.2	26	0.07	0.033
1143720	Soil		0.9	23.7	16.3	57	<0.1	19.7	8.4	244	2.58	11.0	1.0	<0.5	2.4	9	0.2	0.5	0.2	33	0.07	0.047
1143716	Soil		1.3	32.8	71.9	111	1.3	22.2	9.1	278	3.10	522.5	1.4	15.1	5.6	16	0.7	4.4	1.4	32	0.14	0.077
1143714	Soil		1.5	14.7	19.0	53	0.2	13.8	5.4	200	2.41	68.8	0.6	4.6	0.5	8	0.2	0.7	0.3	56	0.07	0.057
1143715	Soil		1.3	37.1	134.8	145	1.4	25.0	11.9	347	3.58	369.0	1.8	15.5	5.7	13	1.2	4.7	0.8	28	0.10	0.072
1143730	Soil		1.1	28.6	18.0	56	<0.1	18.3	8.3	257	2.97	11.8	1.2	4.3	6.8	11	0.2	0.6	0.3	30	0.05	0.040
1143728	Soil		0.8	19.2	11.3	48	<0.1	18.3	7.2	218	2.20	11.0	0.7	1.9	2.8	8	<0.1	0.6	0.2	28	0.08	0.039
1138744	Soil		0.9	24.5	15.6	60	<0.1	24.6	10.4	324	2.44	10.0	1.1	2.6	4.9	9	0.1	0.7	0.2	28	0.08	0.041
1143731	Soil		1.0	27.1	17.5	55	<0.1	17.7	7.7	249	2.75	11.0	1.1	1.4	7.6	10	0.1	0.6	0.3	29	0.05	0.038
1143725	Soil		1.1	27.7	17.4	53	<0.1	16.3	6.8	169	2.90	10.9	1.4	2.5	3.0	8	0.1	0.6	0.4	28	0.03	0.052
1143732	Soil		1.5	54.6	34.0	79	<0.1	30.3	15.5	225	4.32	12.0	3.0	2.4	19.8	14	<0.1	0.8	0.5	18	0.03	0.048
1143727	Soil		1.2	38.5	21.3	73	<0.1	24.7	11.2	224	3.62	7.6	2.1	1.8	13.1	10	0.1	0.7	0.4	22	0.04	0.041
1138986	Soil		0.9	20.5	12.9	47	<0.1	14.5	6.4	173	2.24	9.3	1.1	2.2	5.1	7	0.1	0.4	0.2	30	0.06	0.036
1138997	Soil		2.2	52.7	75.8	75	0.2	41.5	16.0	230	3.91	26.2	3.2	1.3	21.5	18	0.2	2.9	0.8	13	0.02	0.054
1138996	Soil		2.3	64.2	88.3	80	0.2	48.2	15.6	216	4.20	28.9	3.5	0.8	24.9	14	0.3	2.4	1.0	10	0.02	0.057
1138995	Soil		0.8	20.2	9.9	50	<0.1	17.4	8.1	181	2.17	10.1	0.8	2.7	5.6	8	0.2	0.7	0.2	33	0.06	0.020
1138994	Soil		0.9	36.4	21.6	64	<0.1	35.3	23.6	259	3.15	12.0	1.8	1.8	9.7	13	0.2	1.4	0.3	25	0.05	0.038
1138993	Soil		0.8	38.3	25.8	74	<0.1	24.8	11.7	254	3.24	4.1	2.2	1.2	14.4	11	<0.1	1.3	0.4	12	0.02	0.030
1138991	Soil		0.8	15.8	11.6	53	<0.1	19.0	8.6	235	2.38	11.7	0.6	1.8	3.7	6	0.2	0.6	0.2	30	0.05	0.034
1138992	Soil		1.0	16.3	12.4	60	<0.1	13.4	6.4	221	2.57	9.1	0.9	1.9	2.8	8	0.2	0.5	0.2	35	0.06	0.042
1138989	Soil		1.0	20.5	12.4	55	<0.1	22.8	13.6	284	2.22	8.6	0.9	1.5	4.7	11	0.2	0.6	0.2	29	0.06	0.032
1138990	Soil		0.7	33.0	12.4	54	<0.1	29.0	21.8	396	2.28	11.3	1.0	2.6	3.4	10	<0.1	0.5	0.2	31	0.12	0.051

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Project: MHR
Report Date: October 06, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1143723	Soil	41	17	0.44	119	0.015	<1	1.18	0.006	0.05	<0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1143719	Soil	63	22	0.66	45	0.006	<1	1.58	0.007	0.05	<0.1	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
1143713	Soil	22	18	0.23	53	0.015	<1	1.03	0.004	0.03	0.3	0.04	0.8	0.1	<0.05	4	<0.5	<0.2
1143717	Soil	22	18	0.35	96	0.024	<1	1.02	0.005	0.04	0.3	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
1143721	Soil	21	16	0.34	70	0.020	<1	0.95	0.006	0.03	0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1143729	Soil	25	19	0.36	68	0.018	<1	1.18	0.005	0.04	0.2	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1143722	Soil	35	19	0.50	69	0.013	<1	1.26	0.006	0.04	<0.1	0.02	1.4	<0.1	<0.05	3	0.8	<0.2
1143718	Soil	34	17	0.46	168	0.015	1	1.12	0.013	0.05	<0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1143724	Soil	17	17	0.35	70	0.020	<1	1.13	0.005	0.04	0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1143720	Soil	15	21	0.37	69	0.019	1	1.21	0.005	0.03	0.1	0.04	1.2	<0.1	<0.05	4	<0.5	<0.2
1143716	Soil	19	18	0.26	75	0.024	<1	0.87	0.007	0.04	0.4	0.04	1.6	0.2	<0.05	3	<0.5	<0.2
1143714	Soil	10	23	0.23	68	0.025	<1	1.26	0.005	0.03	0.2	0.05	0.9	0.1	<0.05	6	0.6	<0.2
1143715	Soil	20	17	0.26	61	0.018	1	0.94	0.006	0.04	0.2	0.03	1.5	0.2	<0.05	3	<0.5	<0.2
1143730	Soil	28	21	0.44	83	0.017	<1	1.42	0.005	0.04	<0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1143728	Soil	15	18	0.33	75	0.021	1	1.17	0.004	0.03	0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1138744	Soil	20	17	0.32	93	0.018	<1	1.11	0.005	0.04	0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
1143731	Soil	27	20	0.43	84	0.017	<1	1.33	0.005	0.04	0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1143725	Soil	27	17	0.29	54	0.013	<1	1.02	0.005	0.03	<0.1	0.03	0.9	<0.1	<0.05	4	<0.5	<0.2
1143732	Soil	50	18	0.47	57	0.006	<1	1.41	0.007	0.04	<0.1	0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
1143727	Soil	32	18	0.49	63	0.013	<1	1.24	0.005	0.04	<0.1	0.02	1.5	<0.1	<0.05	4	0.5	<0.2
1138986	Soil	18	19	0.33	105	0.017	<1	1.23	0.006	0.03	0.1	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1138997	Soil	37	13	0.34	58	0.005	<1	1.08	0.004	0.04	<0.1	<0.01	1.1	<0.1	<0.05	3	<0.5	<0.2
1138996	Soil	38	13	0.35	57	0.004	<1	1.07	0.004	0.04	<0.1	<0.01	1.0	<0.1	<0.05	3	<0.5	<0.2
1138995	Soil	16	20	0.33	88	0.027	1	1.22	0.005	0.04	0.1	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1138994	Soil	21	18	0.37	71	0.015	<1	1.27	0.004	0.04	<0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1138993	Soil	52	12	0.26	70	0.005	<1	1.04	0.004	0.04	<0.1	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
1138991	Soil	11	20	0.35	69	0.020	<1	1.38	0.004	0.03	0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1138992	Soil	13	20	0.35	85	0.018	<1	1.38	0.012	0.04	0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1138989	Soil	15	18	0.36	77	0.023	<1	1.19	0.004	0.04	0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1138990	Soil	21	20	0.40	106	0.022	1	1.23	0.004	0.03	<0.1	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1138987	Soil		1.0	26.8	17.3	64	<0.1	23.6	11.3	279	2.61	7.4	1.3	2.2	7.3	15	0.1	0.8	0.3	29	0.09	0.051
1143712	Soil		1.3	21.0	23.3	54	0.3	13.9	5.6	183	2.22	23.7	1.2	18.5	0.7	7	0.2	0.8	0.3	37	0.04	0.064
1143711	Soil		0.8	16.4	37.2	64	0.3	17.7	7.5	260	2.44	144.3	0.9	6.6	1.7	8	0.7	1.8	0.2	31	0.04	0.034
1143710	Soil		1.0	42.7	20.8	108	0.3	46.9	21.9	420	3.67	16.4	2.4	15.2	11.6	16	0.2	4.6	0.4	16	0.06	0.040
1143702	Soil		0.9	39.6	15.8	111	0.2	38.9	16.3	323	3.55	31.2	1.2	1.1	8.3	18	0.3	2.2	0.3	35	0.10	0.051
1143707	Soil		1.2	63.9	22.4	93	0.8	51.3	32.2	428	3.54	41.1	2.8	1.9	10.8	22	0.4	1.5	0.4	30	0.13	0.075
1143709	Soil		0.7	20.1	20.8	62	0.2	21.4	9.6	320	2.29	30.2	0.9	3.7	6.2	15	0.5	1.5	0.2	31	0.19	0.072
1143701	Soil		0.7	13.3	11.2	36	<0.1	10.7	3.9	128	1.72	10.3	0.7	4.5	0.8	8	<0.1	0.7	0.2	29	0.05	0.036
1143704	Soil		1.2	18.6	17.9	61	0.9	20.9	9.8	320	2.87	120.9	0.9	13.1	2.7	14	0.2	2.3	0.3	43	0.07	0.041
1143708	Soil		0.8	22.0	12.6	50	<0.1	17.9	7.1	246	2.34	14.1	1.0	1.4	1.4	10	0.2	0.6	0.2	36	0.08	0.053
1138988	Soil		0.7	47.4	35.0	109	<0.1	34.6	19.4	165	4.09	5.9	3.4	1.0	21.5	8	0.1	1.0	0.5	10	0.04	0.047
1143706	Soil		1.4	35.1	32.1	72	0.4	24.9	10.8	323	3.23	630.8	1.4	3.4	2.5	18	0.2	1.4	0.4	36	0.07	0.045
1143705	Soil		1.0	22.8	10.5	59	<0.1	23.9	11.0	343	2.45	13.0	0.8	1.8	3.2	13	0.3	0.8	0.2	35	0.11	0.041
1143703	Soil		0.7	42.2	48.8	130	0.5	41.8	20.5	650	4.42	533.6	1.7	23.2	16.5	25	1.3	9.2	0.4	18	0.12	0.043
1138790	Soil		1.2	18.6	13.5	44	0.2	15.8	6.1	125	2.02	7.3	1.1	2.2	8.8	9	<0.1	0.6	0.2	30	0.04	0.021
1138787	Soil		1.2	31.6	18.5	68	<0.1	26.6	14.2	377	2.95	9.9	2.3	1.9	8.5	9	0.1	0.6	0.2	30	0.06	0.038
1138788	Soil		0.9	27.7	16.8	70	<0.1	31.8	14.2	359	2.65	9.1	1.6	3.7	9.6	11	0.1	0.7	0.2	31	0.08	0.036
1138791	Soil		1.2	25.1	16.6	57	<0.1	23.4	8.6	178	2.54	8.1	1.2	1.9	10.3	11	<0.1	0.6	0.3	27	0.05	0.024
1138792	Soil		1.0	22.7	18.9	54	0.2	19.1	7.9	198	2.46	7.8	1.4	1.5	6.8	10	<0.1	0.9	0.3	25	0.06	0.038
1138789	Soil		0.9	29.3	19.3	70	<0.1	31.9	15.8	390	2.77	11.7	1.5	<0.5	12.0	11	0.2	2.3	0.2	24	0.04	0.028
1138984	Soil		3.8	42.3	56.5	69	<0.1	22.2	8.9	223	3.80	4.9	1.7	1.8	14.7	17	0.2	0.9	0.7	21	0.02	0.046
1138982	Soil		1.0	17.6	15.2	55	<0.1	16.7	7.2	237	2.15	9.5	0.8	1.7	3.0	10	0.2	1.1	0.2	38	0.09	0.046
1138985	Soil		0.9	21.4	13.2	47	<0.1	16.1	7.0	183	2.23	9.4	1.3	2.1	4.5	8	0.2	0.6	0.2	31	0.06	0.032
1138980	Soil		1.1	14.7	26.5	55	<0.1	18.2	8.5	326	2.56	10.4	0.8	1.2	5.2	12	0.2	1.4	0.2	45	0.10	0.030
1138983	Soil		0.8	20.0	12.8	51	<0.1	31.2	10.1	248	2.31	10.7	0.5	<0.5	2.7	14	0.2	0.5	0.2	44	0.14	0.021
1138998	Soil		1.8	41.9	32.2	82	<0.1	34.7	20.2	376	3.78	6.4	2.4	2.3	17.0	11	0.1	0.7	0.5	21	0.03	0.036
1138999	Soil		1.7	43.7	37.0	84	<0.1	27.5	13.7	315	4.38	5.6	1.8	1.9	16.1	16	<0.1	0.3	0.3	16	0.02	0.043
1139000	Soil		0.8	16.8	12.6	51	<0.1	15.9	8.3	249	2.38	8.9	0.9	3.4	4.3	7	0.1	0.6	0.2	32	0.06	0.033
1138785	Soil		0.8	55.8	29.1	91	<0.1	46.2	31.4	443	3.82	28.2	4.0	2.9	22.2	23	0.1	6.3	0.4	14	0.05	0.046
1138786	Soil		0.9	27.2	16.7	65	<0.1	27.2	14.3	336	2.83	9.4	1.3	1.2	6.5	10	0.2	0.7	0.2	27	0.05	0.035

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000278.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1138987	Soil	26	20	0.38	70	0.026	<1	1.13	0.005	0.05	0.2	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1143712	Soil	18	16	0.15	46	0.014	1	0.77	0.004	0.04	0.1	0.04	0.6	0.1	0.06	4	0.8	<0.2
1143711	Soil	17	16	0.20	45	0.018	2	0.90	0.003	0.04	0.2	0.04	1.0	0.1	<0.05	3	1.0	<0.2
1143710	Soil	31	12	0.21	50	0.005	<1	0.66	0.005	0.04	0.3	0.02	1.6	<0.1	<0.05	2	<0.5	<0.2
1143702	Soil	30	32	0.75	136	0.048	<1	1.70	0.008	0.26	<0.1	<0.01	3.0	0.7	0.06	5	0.5	<0.2
1143707	Soil	28	19	0.40	63	0.028	1	1.14	0.012	0.05	0.2	0.03	1.9	<0.1	<0.05	3	0.9	<0.2
1143709	Soil	20	18	0.29	64	0.033	<1	0.83	0.005	0.03	0.4	0.04	1.6	<0.1	<0.05	2	<0.5	<0.2
1143701	Soil	14	16	0.24	51	0.018	1	0.93	0.004	0.03	0.1	0.03	0.9	0.1	<0.05	4	<0.5	<0.2
1143704	Soil	20	22	0.32	90	0.034	6	1.40	0.008	0.05	0.2	0.06	2.2	0.1	<0.05	4	0.6	<0.2
1143708	Soil	15	20	0.28	62	0.021	<1	1.10	0.006	0.04	0.2	0.04	1.4	<0.1	<0.05	3	1.0	<0.2
1138988	Soil	57	9	0.20	89	0.003	<1	1.07	0.004	0.05	<0.1	<0.01	1.8	<0.1	<0.05	2	0.9	<0.2
1143706	Soil	20	23	0.34	65	0.024	1	1.27	0.011	0.04	0.2	0.04	1.6	<0.1	<0.05	4	1.0	<0.2
1143705	Soil	16	21	0.42	125	0.026	2	1.30	0.007	0.04	0.1	0.03	2.0	<0.1	<0.05	3	0.6	<0.2
1143703	Soil	51	27	0.87	157	0.006	3	1.62	0.004	0.08	<0.1	<0.01	2.6	0.3	<0.05	5	<0.5	<0.2
1138790	Soil	34	13	0.20	81	0.010	<1	1.01	0.006	0.04	<0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1138787	Soil	28	23	0.46	122	0.021	1	1.60	0.006	0.06	0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
1138788	Soil	28	21	0.47	155	0.021	<1	1.42	0.011	0.07	0.2	0.01	3.0	<0.1	<0.05	3	<0.5	<0.2
1138791	Soil	31	18	0.37	76	0.011	1	1.17	0.007	0.05	<0.1	0.02	1.5	<0.1	<0.05	3	0.8	<0.2
1138792	Soil	32	18	0.38	92	0.008	<1	1.21	0.005	0.04	0.1	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1138789	Soil	31	19	0.42	96	0.012	1	1.27	0.006	0.05	<0.1	0.01	2.2	<0.1	<0.05	3	0.7	<0.2
1138984	Soil	55	20	0.41	81	0.012	<1	1.38	0.007	0.06	0.2	0.02	2.0	<0.1	<0.05	4	1.2	<0.2
1138982	Soil	17	20	0.29	93	0.029	1	1.14	0.005	0.05	0.2	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
1138985	Soil	22	20	0.33	110	0.022	<1	1.29	0.005	0.04	0.2	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1138980	Soil	16	26	0.35	135	0.037	1	1.70	0.006	0.05	0.2	0.05	2.8	<0.1	<0.05	4	0.6	<0.2
1138983	Soil	12	54	0.58	106	0.026	<1	1.51	0.005	0.03	0.1	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
1138998	Soil	35	22	0.64	56	0.008	1	1.76	0.012	0.07	<0.1	<0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
1138999	Soil	46	20	0.48	56	0.005	<1	1.71	0.008	0.05	<0.1	<0.01	1.7	<0.1	<0.05	4	0.5	<0.2
1139000	Soil	18	21	0.33	86	0.022	<1	1.40	0.005	0.04	0.2	0.02	2.0	<0.1	<0.05	4	0.6	<0.2
1138785	Soil	60	17	0.53	129	0.004	<1	1.65	0.006	0.06	<0.1	0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
1138786	Soil	28	20	0.47	94	0.013	<1	1.53	0.010	0.03	0.1	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2

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Project: MHR
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000278.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1138978	Soil		3.5	61.7	27.1	123	<0.1	37.3	20.5	1804	5.43	11.5	0.9	6.8	9.5	75	0.1	1.0	0.4	150	0.41	0.100
1138977	Soil		1.8	27.8	16.4	99	<0.1	112.8	28.4	935	5.32	38.5	0.8	2.6	5.0	76	0.1	0.6	0.2	86	0.51	0.105
1138976	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138981	Soil		0.7	20.6	23.6	58	<0.1	22.2	10.0	323	2.40	11.7	0.9	1.6	5.6	10	0.2	1.3	0.2	31	0.08	0.037
1138975	Soil		1.0	24.1	12.1	77	<0.1	35.8	13.5	537	3.28	11.7	0.8	12.9	5.5	28	0.3	1.0	0.1	59	0.21	0.062
1138979	Soil		22.7	58.7	65.4	157	0.2	58.9	28.3	9934	10.61	17.4	1.2	9.8	10.2	149	0.3	9.1	0.4	156	0.86	0.077
1138974	Soil		0.7	11.8	10.6	41	<0.1	14.3	6.7	215	2.36	10.3	0.6	4.9	3.6	9	0.2	0.7	0.3	45	0.08	0.030
1138941	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1143038	Soil		0.7	36.7	14.1	74	0.5	25.7	10.6	380	2.21	24.9	1.4	5.3	5.8	14	0.6	1.8	0.3	39	0.16	0.079
1138947	Soil		1.1	25.1	15.4	61	0.3	21.9	12.5	345	2.83	27.0	1.1	4.7	6.0	10	0.4	1.6	0.3	44	0.09	0.042
1138931	Soil		0.8	22.2	32.1	90	0.6	21.1	8.9	277	2.46	51.0	0.7	4.3	2.9	10	0.4	2.6	0.3	34	0.08	0.040
1138946	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138945	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138948	Soil		0.9	23.2	13.1	64	0.3	20.9	6.9	253	2.50	24.1	0.9	5.6	4.0	13	0.3	2.3	0.2	38	0.16	0.068
1138943	Soil		0.8	46.2	35.6	107	1.0	31.4	11.2	366	3.53	66.7	1.7	6.0	11.1	15	1.4	10.6	0.3	33	0.06	0.062
1138949	Soil		1.1	16.9	12.7	48	<0.1	14.6	5.5	218	2.55	18.9	0.7	44.8	1.7	8	0.2	1.4	0.3	44	0.07	0.035
1138950	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1143039	Soil		0.8	18.4	27.0	54	0.3	15.9	7.6	262	2.11	21.4	0.9	11.5	2.2	11	0.2	1.9	0.2	35	0.12	0.064
1138932	Soil		0.7	19.9	12.7	53	0.2	16.2	6.1	281	2.51	14.7	0.6	11.3	1.9	11	0.3	1.2	0.2	38	0.07	0.035
1138940	Soil		0.9	15.5	20.2	44	1.0	10.4	3.9	103	1.46	33.9	0.8	3.2	0.8	7	0.2	1.5	0.3	23	0.05	0.044
1138942	Soil		0.8	15.1	64.2	48	1.0	14.3	5.7	183	2.25	27.4	0.7	5.9	2.6	10	0.1	4.1	0.2	35	0.08	0.032
1143037	Soil		0.7	46.1	45.4	133	1.2	37.3	15.8	424	3.75	131.0	1.6	4.8	10.2	16	0.8	14.3	0.4	33	0.08	0.065
1138937	Soil		0.8	52.8	29.8	80	0.6	21.1	8.3	267	3.96	181.6	1.4	5.9	11.2	18	0.3	3.4	1.5	53	0.08	0.055
1138939	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138944	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1143035	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138935	Soil		0.6	55.7	35.2	93	0.5	31.0	10.8	527	3.97	87.2	1.5	3.2	11.2	33	0.5	3.6	0.6	49	0.14	0.058
1138938	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138936	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138836	Soil		1.2	22.3	17.2	67	0.1	16.5	7.2	269	2.64	25.6	1.3	2.7	1.2	11	0.4	1.0	0.3	40	0.07	0.064

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1138978	Soil		39	29	1.24	543	0.266	1	2.17	0.009	0.70	0.1	0.01	9.6	0.7	<0.05	8	<0.5	<0.2
1138977	Soil		21	217	1.83	332	0.201	1	2.60	0.008	0.62	0.1	0.03	6.7	0.7	<0.05	7	<0.5	<0.2
1138976	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138981	Soil		19	20	0.32	108	0.028	2	1.15	0.005	0.06	0.1	0.03	2.3	0.1	<0.05	3	<0.5	<0.2
1138975	Soil		20	26	0.51	261	0.070	1	1.44	0.007	0.13	0.3	0.03	4.6	0.2	<0.05	4	<0.5	<0.2
1138979	Soil		55	80	1.18	658	0.115	2	1.74	0.009	0.30	0.3	0.06	25.4	0.4	<0.05	7	0.7	<0.2
1138974	Soil		13	21	0.28	92	0.035	1	1.14	0.005	0.04	0.3	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
1138941	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1143038	Soil		20	21	0.35	88	0.049	1	0.98	0.006	0.05	0.8	0.10	2.3	0.5	<0.05	3	1.1	<0.2
1138947	Soil		19	26	0.38	122	0.038	1	1.55	0.006	0.05	0.3	0.08	3.1	0.2	<0.05	4	1.2	<0.2
1138931	Soil		13	22	0.37	78	0.030	1	1.25	0.006	0.08	0.2	0.05	1.8	0.2	<0.05	3	0.9	<0.2
1138946	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138945	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138948	Soil		19	22	0.33	83	0.036	1	0.97	0.006	0.06	0.4	0.08	2.0	0.3	<0.05	3	1.3	<0.2
1138943	Soil		45	30	0.58	108	0.035	<1	1.26	0.003	0.23	0.3	0.09	3.4	0.8	<0.05	4	0.8	<0.2
1138949	Soil		16	22	0.25	63	0.031	1	1.03	0.005	0.04	0.4	0.06	1.5	0.2	<0.05	4	<0.5	<0.2
1138950	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1143039	Soil		16	22	0.32	76	0.030	1	1.11	0.004	0.04	0.3	0.05	1.7	0.2	<0.05	3	<0.5	<0.2
1138932	Soil		15	23	0.38	63	0.036	<1	1.31	0.007	0.06	0.2	0.05	1.8	0.2	<0.05	4	0.8	<0.2
1138940	Soil		22	12	0.12	53	0.010	1	0.50	0.004	0.05	0.2	0.06	0.6	0.2	<0.05	3	<0.5	<0.2
1138942	Soil		22	19	0.28	92	0.024	1	1.14	0.006	0.06	0.3	0.10	1.6	0.2	<0.05	4	<0.5	<0.2
1143037	Soil		35	30	0.54	104	0.053	<1	1.54	0.005	0.24	0.2	0.03	3.1	0.4	<0.05	4	<0.5	<0.2
1138937	Soil		35	43	0.75	177	0.060	<1	1.70	0.004	0.36	0.3	0.03	5.6	1.1	0.05	6	0.8	<0.2
1138939	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138944	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1143035	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138935	Soil		34	41	0.92	175	0.072	1	1.98	0.008	0.45	0.1	0.01	5.6	0.7	0.11	7	<0.5	<0.2
1138938	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138936	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138836	Soil		19	25	0.35	78	0.027	1	1.42	0.010	0.05	0.2	0.05	1.5	0.2	<0.05	5	1.4	<0.2

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Project: MHR
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000278.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1138933	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138934	Soil	0.8	36.7	38.6	84	0.6	24.2	10.2	386	3.40	59.8	1.4	6.8	10.8	17	0.4	5.3	0.5	31	0.06	0.051
1143036	Soil	0.7	46.1	51.1	137	1.3	39.5	16.5	424	3.98	133.4	1.8	5.6	11.3	17	0.8	14.9	0.4	34	0.09	0.065
1138843	Soil	0.9	20.7	12.3	54	<0.1	19.3	8.1	269	2.65	15.1	0.7	1.9	4.0	10	0.2	0.9	0.3	38	0.07	0.030
1138842	Soil	0.8	36.8	32.8	65	0.6	16.8	9.0	504	2.67	127.1	2.2	9.9	5.1	22	0.4	7.4	1.2	42	0.10	0.054
1138835	Soil	0.7	48.9	65.4	88	0.8	13.9	6.8	262	4.49	35.7	1.9	4.9	16.2	42	0.1	10.1	0.7	49	0.18	0.049
1138840	Soil	0.8	32.2	26.0	69	0.5	16.9	6.7	260	3.29	32.2	1.2	5.4	4.9	12	0.3	2.3	0.4	41	0.06	0.050
1138839	Soil	0.5	56.4	64.3	179	0.8	61.5	31.8	1062	4.53	52.8	2.0	5.0	15.6	13	1.2	3.4	0.3	24	0.07	0.059
1138837	Soil	1.1	35.7	18.3	76	0.4	24.7	10.8	322	3.36	33.6	2.0	6.4	4.1	15	0.4	1.4	0.4	40	0.07	0.053
1138841	Soil	0.9	17.6	25.3	56	0.4	15.8	6.9	265	2.35	32.3	0.9	3.6	4.1	10	0.2	3.2	0.3	34	0.09	0.040
1138838	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1143473	Soil	1.0	23.8	20.9	53	0.1	22.0	8.6	193	2.44	18.4	1.1	2.5	5.8	12	0.1	1.2	0.3	28	0.05	0.042
1143479	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1143476	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1143481	Soil	0.7	22.5	10.5	61	<0.1	24.2	9.9	384	2.00	11.5	0.7	3.6	5.3	12	0.2	0.9	0.1	28	0.17	0.087
1143453	Soil	0.7	15.7	9.7	40	<0.1	13.7	5.1	174	1.79	9.8	0.7	6.9	0.5	8	<0.1	0.6	0.2	33	0.09	0.045
1143477	Soil	1.0	29.6	13.7	58	<0.1	24.9	10.3	344	2.30	12.4	1.4	3.3	4.9	10	0.1	0.9	0.2	31	0.09	0.056
1143480	Soil	0.8	29.3	16.9	58	<0.1	17.8	8.6	239	2.63	9.2	1.4	2.9	5.1	9	<0.1	0.5	0.3	23	0.07	0.052
1143454	Soil	0.9	18.0	10.1	61	<0.1	17.6	9.2	412	2.18	13.9	0.8	7.0	2.8	8	0.2	1.1	0.2	33	0.10	0.063
1143461	Soil	1.0	19.5	18.6	61	<0.1	17.9	8.1	280	2.36	55.8	0.9	3.9	1.5	10	0.3	2.3	0.2	38	0.09	0.055

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Project: MHR
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000278.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1138933	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1138934	Soil	38	28	0.59	86	0.038	<1	1.47	0.006	0.20	0.2	0.03	2.8	0.4	<0.05	5	0.8	<0.2
1143036	Soil	39	30	0.54	111	0.058	<1	1.55	0.006	0.24	0.2	0.02	3.2	0.4	<0.05	5	0.7	<0.2
1138843	Soil	16	24	0.40	74	0.050	1	1.38	0.006	0.11	0.2	0.04	1.8	0.2	<0.05	4	0.7	<0.2
1138842	Soil	31	33	0.48	160	0.051	2	1.36	0.004	0.37	0.3	0.04	3.2	1.8	<0.05	5	1.0	<0.2
1138835	Soil	39	42	0.86	173	0.056	2	1.91	0.007	0.69	<0.1	0.04	5.6	1.3	0.31	7	0.8	<0.2
1138840	Soil	25	29	0.57	113	0.048	1	1.56	0.007	0.22	0.2	0.04	2.5	0.5	0.09	5	0.6	<0.2
1138839	Soil	50	28	0.88	73	0.020	1	1.86	0.006	0.11	0.1	0.02	2.1	0.4	<0.05	5	<0.5	<0.2
1138837	Soil	29	24	0.46	100	0.027	1	1.41	0.014	0.07	0.2	0.05	1.8	0.2	0.05	5	<0.5	<0.2
1138841	Soil	22	18	0.26	57	0.032	3	0.96	0.006	0.06	0.3	0.04	1.7	0.3	<0.05	3	1.1	<0.2
1138838	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1143473	Soil	33	14	0.21	68	0.015	1	0.84	0.004	0.05	0.2	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1143479	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1143476	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1143481	Soil	14	18	0.30	69	0.031	<1	0.85	0.005	0.04	0.3	0.02	1.5	<0.1	<0.05	2	0.6	<0.2
1143453	Soil	11	20	0.26	82	0.018	<1	1.09	0.005	0.02	0.2	0.04	1.0	<0.1	<0.05	4	0.6	<0.2
1143477	Soil	14	21	0.35	99	0.022	<1	1.20	0.004	0.04	0.2	0.03	2.0	<0.1	<0.05	3	0.7	<0.2
1143480	Soil	24	18	0.40	97	0.015	<1	1.19	0.003	0.03	0.1	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1143454	Soil	15	21	0.33	80	0.026	<1	1.14	0.004	0.03	0.3	0.03	1.5	0.1	<0.05	3	<0.5	<0.2
1143461	Soil	14	22	0.32	106	0.023	<1	1.22	0.004	0.04	0.2	0.03	1.5	0.3	<0.05	4	0.6	<0.2

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Project: MHR
Report Date: October 06, 2011

QUALITY CONTROL REPORT DAW11000278.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1097062	Soil	0.7	42.3	30.2	75	<0.1	21.2	7.5	96	3.47	2.1	2.3	1.6	21.2	7	<0.1	0.7	0.3	9	0.03	0.047
REP 1097062	QC	0.6	43.7	31.5	80	<0.1	21.8	7.9	98	3.59	2.3	2.4	2.1	22.1	7	0.1	0.8	0.3	9	0.03	0.049
1098118	Soil	0.8	16.9	22.4	54	0.2	20.5	8.5	356	2.23	16.4	0.7	2.4	4.4	11	<0.1	0.9	0.2	29	0.13	0.044
REP 1098118	QC	0.9	18.1	23.9	57	0.2	21.5	9.5	387	2.51	18.0	0.8	6.9	4.7	12	0.2	0.9	0.2	32	0.13	0.046
1110841	Soil	1.3	26.9	20.5	63	<0.1	16.6	7.9	258	2.88	9.4	1.1	6.2	1.2	10	0.2	0.7	0.3	37	0.07	0.048
REP 1110841	QC	1.3	27.0	20.8	63	<0.1	17.6	8.0	258	2.92	9.9	1.1	1.1	1.4	10	0.2	0.8	0.3	39	0.07	0.050
1096046	Soil	1.0	29.8	13.0	66	<0.1	25.3	10.1	300	2.52	11.1	0.7	2.9	3.2	13	0.2	2.3	0.2	39	0.14	0.050
REP 1096046	QC	0.9	29.3	13.3	67	<0.1	24.7	9.7	299	2.52	11.2	0.8	4.0	3.1	13	0.2	2.2	0.2	37	0.14	0.050
1141014	Soil	0.8	14.7	11.3	55	<0.1	13.4	5.9	219	2.25	16.4	0.9	1.8	1.0	8	0.3	0.8	0.2	40	0.06	0.041
REP 1141014	QC	0.9	14.5	11.1	56	<0.1	13.3	5.8	217	2.21	16.7	0.9	1.5	1.0	8	0.2	0.8	0.2	38	0.06	0.040
1141026	Soil	1.0	16.8	14.2	57	0.1	16.2	6.6	222	2.34	18.8	1.0	2.4	0.8	9	0.2	1.3	0.2	45	0.07	0.044
REP 1141026	QC	1.0	17.3	14.9	60	0.1	16.3	6.7	235	2.47	19.6	1.1	2.0	0.7	9	0.2	1.5	0.2	45	0.07	0.045
1143031	Soil	1.6	46.7	35.2	74	0.2	22.7	14.8	430	4.00	15.5	2.6	2.2	20.0	23	0.1	0.7	0.6	19	0.03	0.050
REP 1143031	QC	1.6	47.3	35.8	72	0.2	22.2	14.9	424	3.92	15.3	2.6	2.4	19.6	23	0.1	0.8	0.6	19	0.03	0.048
1143069	Soil	0.9	34.3	14.4	75	0.1	26.5	11.3	254	2.94	53.8	1.8	1.5	8.6	16	0.2	4.1	0.3	26	0.10	0.053
REP 1143069	QC	0.9	34.0	14.6	76	0.1	26.1	11.1	252	2.90	53.4	1.8	2.5	8.5	15	0.2	4.0	0.3	25	0.09	0.052
1099453	Soil	0.9	36.0	25.0	65	<0.1	23.8	13.5	250	2.84	7.4	1.9	7.1	8.2	17	0.2	1.1	0.4	21	0.05	0.044
REP 1099453	QC	0.9	36.4	24.9	63	<0.1	24.0	13.5	257	2.89	7.1	2.0	1.5	8.4	17	<0.1	1.2	0.4	21	0.05	0.047
1099473	Soil	1.2	22.8	16.8	54	<0.1	17.7	8.1	242	2.67	13.1	1.3	4.4	2.0	9	0.2	3.7	0.3	44	0.06	0.047
REP 1099473	QC	1.2	24.0	17.2	53	<0.1	17.5	8.1	249	2.67	13.1	1.3	8.4	2.0	9	0.2	3.7	0.3	44	0.05	0.052
1143713	Soil	1.3	23.6	26.4	65	0.2	17.0	7.6	206	2.63	49.5	1.2	2.1	1.5	8	0.4	1.0	0.6	41	0.05	0.056
REP 1143713	QC	1.3	24.4	25.9	64	0.3	17.2	7.5	213	2.59	49.7	1.2	2.2	1.6	8	0.4	1.0	0.5	39	0.05	0.057
1143728	Soil	0.8	19.2	11.3	48	<0.1	18.3	7.2	218	2.20	11.0	0.7	1.9	2.8	8	<0.1	0.6	0.2	28	0.08	0.039
REP 1143728	QC	0.7	18.9	10.8	47	<0.1	17.2	6.9	220	2.15	10.7	0.7	2.2	3.2	8	0.2	0.5	0.2	29	0.07	0.037
1143705	Soil	1.0	22.8	10.5	59	<0.1	23.9	11.0	343	2.45	13.0	0.8	1.8	3.2	13	0.3	0.8	0.2	35	0.11	0.041
REP 1143705	QC	0.9	22.3	9.9	57	<0.1	23.2	11.0	343	2.39	12.3	0.8	1.7	3.1	12	0.2	0.8	0.2	36	0.10	0.045
1138789	Soil	0.9	29.3	19.3	70	<0.1	31.9	15.8	390	2.77	11.7	1.5	<0.5	12.0	11	0.2	2.3	0.2	24	0.04	0.028
REP 1138789	QC	0.8	30.6	19.9	71	<0.1	32.0	16.0	398	2.76	11.7	1.5	2.0	12.0	10	0.1	2.5	0.2	24	0.04	0.028

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: October 06, 2011

QUALITY CONTROL REPORT DAW11000278.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1097062	Soil	47	11	0.31	52	<0.001	<1	1.23	0.004	0.03	<0.1	<0.01	1.7	<0.1	<0.05	2	0.8	<0.2
REP 1097062	QC	46	11	0.32	54	<0.001	<1	1.22	0.005	0.03	<0.1	<0.01	1.7	<0.1	<0.05	2	<0.5	<0.2
1098118	Soil	16	17	0.32	78	0.026	1	1.04	0.005	0.04	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
REP 1098118	QC	16	19	0.34	86	0.026	1	1.12	0.005	0.04	0.2	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
1110841	Soil	20	22	0.35	79	0.017	1	1.44	0.005	0.04	0.1	0.04	1.2	0.1	<0.05	5	<0.5	<0.2
REP 1110841	QC	19	23	0.35	78	0.016	1	1.49	0.005	0.04	0.1	0.03	1.3	0.1	<0.05	5	<0.5	<0.2
1096046	Soil	20	21	0.35	116	0.029	1	1.33	0.006	0.06	0.2	0.03	2.4	0.1	<0.05	4	<0.5	<0.2
REP 1096046	QC	20	21	0.37	119	0.030	1	1.37	0.006	0.06	0.2	0.04	2.3	0.1	<0.05	4	<0.5	<0.2
1141014	Soil	17	22	0.33	61	0.024	<1	1.13	0.004	0.03	0.2	0.03	1.1	0.1	<0.05	4	<0.5	<0.2
REP 1141014	QC	17	21	0.34	61	0.024	<1	1.17	0.004	0.03	0.2	0.04	1.1	0.1	<0.05	4	<0.5	<0.2
1141026	Soil	17	23	0.34	80	0.024	1	1.31	0.004	0.04	0.2	0.05	1.2	0.1	<0.05	4	<0.5	<0.2
REP 1141026	QC	18	23	0.37	89	0.023	1	1.37	0.005	0.04	0.2	0.04	1.3	0.1	<0.05	5	<0.5	<0.2
1143031	Soil	42	17	0.37	63	0.002	<1	1.40	0.006	0.05	<0.1	0.03	0.9	<0.1	<0.05	5	<0.5	<0.2
REP 1143031	QC	42	17	0.39	65	0.002	<1	1.40	0.006	0.04	<0.1	0.02	0.9	<0.1	<0.05	4	<0.5	<0.2
1143069	Soil	27	19	0.42	104	0.021	<1	1.19	0.005	0.05	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
REP 1143069	QC	25	18	0.41	100	0.019	<1	1.17	0.005	0.04	0.1	0.01	1.8	0.1	<0.05	3	<0.5	<0.2
1099453	Soil	13	16	0.41	47	0.011	<1	0.99	0.005	0.03	0.2	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
REP 1099453	QC	12	17	0.41	47	0.011	1	0.98	0.005	0.03	0.2	0.02	1.0	<0.1	<0.05	3	0.5	<0.2
1099473	Soil	24	20	0.27	47	0.024	<1	1.04	0.005	0.04	0.1	0.04	0.9	<0.1	<0.05	5	<0.5	<0.2
REP 1099473	QC	23	20	0.27	47	0.025	<1	1.09	0.005	0.04	0.2	0.05	1.0	<0.1	<0.05	5	<0.5	<0.2
1143713	Soil	22	18	0.23	53	0.015	<1	1.03	0.004	0.03	0.3	0.04	0.8	0.1	<0.05	4	<0.5	<0.2
REP 1143713	QC	21	19	0.24	53	0.014	<1	1.03	0.005	0.03	0.2	0.05	0.9	0.1	<0.05	4	<0.5	<0.2
1143728	Soil	15	18	0.33	75	0.021	1	1.17	0.004	0.03	0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
REP 1143728	QC	14	18	0.31	72	0.020	<1	1.11	0.004	0.03	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1143705	Soil	16	21	0.42	125	0.026	2	1.30	0.007	0.04	0.1	0.03	2.0	<0.1	<0.05	3	0.6	<0.2
REP 1143705	QC	16	22	0.43	123	0.029	2	1.32	0.007	0.04	0.2	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1138789	Soil	31	19	0.42	96	0.012	1	1.27	0.006	0.05	<0.1	0.01	2.2	<0.1	<0.05	3	0.7	<0.2
REP 1138789	QC	33	19	0.42	99	0.011	1	1.27	0.006	0.05	<0.1	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2

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Project: MHR
Report Date: October 06, 2011

QUALITY CONTROL REPORT DAW11000278.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1138937	Soil	0.8	52.8	29.8	80	0.6	21.1	8.3	267	3.96	181.6	1.4	5.9	11.2	18	0.3	3.4	1.5	53	0.08	0.055
REP 1138937	QC	0.8	51.8	30.6	82	0.6	21.3	8.6	268	4.02	180.2	1.4	14.2	11.9	18	0.3	3.2	1.6	52	0.08	0.054
1138935	Soil	0.6	55.7	35.2	93	0.5	31.0	10.8	527	3.97	87.2	1.5	3.2	11.2	33	0.5	3.6	0.6	49	0.14	0.058
REP 1138935	QC	0.7	55.5	36.8	94	0.5	32.3	11.2	523	3.98	86.5	1.5	5.4	11.8	33	0.5	3.5	0.6	52	0.14	0.057
1143476	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1143476	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Reference Materials																					
STD DS8	Standard	13.6	119.2	132.7	313	1.8	38.6	8.0	599	2.43	26.9	3.1	110.6	7.3	66	2.5	6.1	7.4	45	0.71	0.082
STD DS8	Standard	12.8	115.7	125.1	308	1.7	36.7	7.6	584	2.30	24.9	3.0	110.8	6.5	61	2.4	5.6	7.0	43	0.65	0.078
STD DS8	Standard	10.6	98.2	115.6	275	1.6	33.5	6.5	544	2.19	23.2	2.5	114.4	6.2	58	2.1	5.1	7.0	37	0.56	0.074
STD DS8	Standard	13.1	104.7	121.6	306	1.7	37.5	7.4	600	2.41	24.5	2.7	112.4	6.8	64	2.5	5.4	6.3	43	0.67	0.072
STD DS8	Standard	12.7	119.1	124.8	315	1.8	38.4	7.9	607	2.44	26.3	3.0	107.0	6.4	63	2.3	5.6	7.0	44	0.66	0.083
STD DS8	Standard	12.3	118.5	124.1	316	1.9	40.2	7.9	625	2.49	27.3	2.6	119.1	6.2	60	2.4	5.7	6.7	44	0.67	0.084
STD DS8	Standard	12.1	101.5	126.2	299	1.7	34.9	6.9	605	2.43	23.7	2.7	116.7	6.8	65	2.2	5.1	6.4	39	0.66	0.078
STD DS8	Standard	13.0	111.8	114.0	315	1.8	37.8	7.7	601	2.43	22.5	2.4	106.7	5.9	61	2.3	4.5	6.5	40	0.67	0.075
STD DS8	Standard	12.9	111.6	123.0	298	1.6	36.0	7.9	603	2.51	23.4	2.5	110.8	6.8	57	2.0	5.1	6.0	45	0.67	0.075
STD DS8	Standard	13.5	109.9	125.6	309	1.8	37.6	7.5	604	2.48	25.3	2.7	120.5	6.8	69	2.3	5.5	6.4	42	0.69	0.077
STD DS8	Standard	13.5	108.3	125.7	306	1.7	38.3	7.5	597	2.42	23.7	2.9	118.8	6.9	72	2.3	5.4	6.7	42	0.72	0.074
STD DS8	Standard	12.1	115.1	123.6	326	1.9	39.4	7.7	615	2.51	26.0	2.4	121.0	5.8	63	2.6	6.0	7.0	41	0.67	0.082
STD DS8	Standard	13.1	114.6	122.1	317	1.9	37.9	7.7	611	2.45	25.9	2.5	110.8	6.2	64	2.3	5.1	6.7	43	0.67	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: MHR
Report Date: October 06, 2011

QUALITY CONTROL REPORT DAW11000278.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1138937	Soil	35	43	0.75	177	0.060	<1	1.70	0.004	0.36	0.3	0.03	5.6	1.1	0.05	6	0.8	<0.2
REP 1138937	QC	36	41	0.71	178	0.057	<1	1.68	0.004	0.35	0.2	0.03	5.6	1.1	<0.05	6	0.8	<0.2
1138935	Soil	34	41	0.92	175	0.072	1	1.98	0.008	0.45	0.1	0.01	5.6	0.7	0.11	7	<0.5	<0.2
REP 1138935	QC	34	40	0.90	178	0.069	<1	1.99	0.009	0.45	0.2	0.03	5.7	0.7	0.13	7	<0.5	<0.2
1143476	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 1143476	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Reference Materials																		
STD DS8	Standard	17	108	0.61	280	0.121	3	0.90	0.087	0.44	2.8	0.21	2.1	5.4	0.17	5	5.0	4.7
STD DS8	Standard	16	110	0.59	253	0.113	3	0.87	0.078	0.39	3.0	0.20	2.0	5.2	0.23	4	4.8	4.7
STD DS8	Standard	12	103	0.55	235	0.095	4	0.79	0.074	0.35	2.7	0.18	1.9	5.0	0.13	4	4.3	4.6
STD DS8	Standard	16	114	0.58	286	0.110	2	0.93	0.092	0.40	3.1	0.20	2.5	5.4	0.12	5	5.1	5.2
STD DS8	Standard	15	111	0.60	260	0.110	2	0.90	0.085	0.39	2.7	0.19	2.0	5.3	0.18	4	5.1	4.8
STD DS8	Standard	13	121	0.64	272	0.105	2	0.92	0.088	0.41	3.5	0.22	2.2	5.7	0.14	5	5.4	5.3
STD DS8	Standard	15	112	0.60	268	0.111	3	0.89	0.087	0.41	2.9	0.17	2.4	5.4	0.15	5	4.1	4.5
STD DS8	Standard	13	119	0.63	217	0.086	2	0.90	0.084	0.42	2.3	0.18	2.1	5.1	0.16	4	5.4	4.8
STD DS8	Standard	15	118	0.58	271	0.117	3	0.91	0.101	0.38	2.9	0.21	3.1	5.3	0.24	4	4.0	4.4
STD DS8	Standard	15	117	0.60	281	0.116	3	0.94	0.109	0.41	2.8	0.21	3.1	5.2	0.15	5	5.7	4.6
STD DS8	Standard	16	119	0.59	297	0.119	2	0.99	0.094	0.43	2.9	0.19	3.7	5.4	0.12	5	5.0	5.2
STD DS8	Standard	14	119	0.61	281	0.117	2	0.91	0.084	0.42	3.1	0.20	2.4	5.6	0.16	5	4.9	5.1
STD DS8	Standard	14	119	0.62	280	0.111	2	0.97	0.112	0.43	3.0	0.20	2.4	5.5	0.15	5	5.4	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: October 06, 2011

QUALITY CONTROL REPORT DAW11000278.1

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

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: October 06, 2011

QUALITY CONTROL REPORT DAW11000278.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 25, 2011
Report Date: October 26, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS DAW11000280.1

CLIENT JOB INFORMATION

Project: ALP
Shipment ID: ALP2011-03
P.O. Number
Number of Samples: 147

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	147	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	147	Dry at 60C			WHI
1DX2	147	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 26, 2011

CERTIFICATE OF ANALYSIS DAW11000280.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1154760	Soil		0.3	39.7	36.2	82	0.3	27.8	13.6	1168	2.38	183.5	1.0	4.6	12.1	21	0.6	0.5	0.4	15	0.36	0.070
1154757	Soil		1.0	29.5	33.6	78	0.4	19.2	8.4	334	2.77	135.1	1.2	3.5	2.4	9	0.3	0.9	0.4	23	0.05	0.055
1154758	Soil		1.3	30.7	62.5	129	0.9	24.9	11.0	662	2.73	100.5	1.0	11.3	11.9	11	1.3	3.1	0.4	12	0.20	0.047
1154762	Soil		0.8	29.1	32.3	73	0.1	23.1	12.1	502	2.50	217.1	1.1	3.4	1.9	15	0.3	0.5	0.3	26	0.14	0.062
1154764	Soil		0.6	27.2	29.4	107	0.1	32.5	13.4	576	3.12	68.4	1.1	5.1	6.1	13	0.5	2.1	0.3	22	0.17	0.051
1154761	Soil		0.4	97.8	34.0	85	0.5	33.7	18.3	1729	3.19	109.4	1.6	4.4	16.3	18	1.0	0.4	0.4	12	0.35	0.071
1154759	Soil		0.7	18.4	39.8	53	0.2	17.3	8.6	433	2.76	100.0	0.7	4.9	4.1	8	0.3	0.6	0.3	31	0.08	0.052
1154763	Soil		0.7	22.2	25.6	87	0.5	18.3	9.9	473	2.38	39.0	1.0	2.4	1.4	12	0.8	0.5	0.3	22	0.12	0.080
1154756	Soil		0.8	20.1	143.8	130	2.7	20.7	8.7	438	2.57	167.1	1.1	16.0	7.9	29	1.1	4.0	1.5	21	0.08	0.048
1154766	Soil		0.6	17.3	27.8	81	<0.1	21.4	9.5	563	2.48	36.9	1.0	5.5	2.0	14	0.4	0.6	0.3	28	0.18	0.057
1154765	Soil		0.4	24.3	20.7	79	<0.1	27.2	10.2	392	2.58	97.9	1.0	7.7	4.1	11	0.4	2.5	0.3	23	0.14	0.041
1154767	Soil		0.7	17.6	31.3	90	<0.1	22.4	9.8	614	2.68	37.8	1.0	1.5	2.1	15	0.4	0.6	0.3	28	0.19	0.064
1154770	Soil		0.5	15.0	23.3	67	0.2	14.2	6.8	695	1.89	9.9	1.0	0.8	1.1	42	0.9	0.4	0.3	19	0.75	0.084
1154772	Soil		0.6	12.8	33.0	74	0.1	17.5	7.8	415	2.45	41.0	0.6	2.8	2.8	12	0.8	0.7	0.2	28	0.17	0.035
1154768	Soil		0.9	13.5	27.3	49	0.1	12.8	6.1	269	2.18	21.5	1.3	1.5	0.7	9	0.5	0.5	0.3	30	0.05	0.078
1154774	Soil		0.4	18.3	40.4	338	0.6	19.4	8.0	404	2.31	72.0	0.8	3.2	6.7	21	3.4	0.9	0.4	13	0.37	0.045
1154744	Soil		0.7	33.2	22.2	62	0.1	30.8	14.3	400	2.64	18.3	1.1	3.6	3.8	19	0.2	0.6	0.3	29	0.08	0.049
1154769	Soil		0.5	22.3	35.2	125	0.2	25.1	10.0	568	2.83	76.3	1.2	1.2	6.2	16	0.9	0.4	0.4	18	0.25	0.052
1154773	Soil		0.6	15.3	46.5	118	0.6	14.7	7.2	638	1.98	169.5	0.8	3.6	2.5	44	1.9	0.8	0.3	17	0.74	0.073
1154771	Soil		0.5	19.3	35.3	422	0.3	24.8	9.2	516	2.62	34.4	1.2	3.5	6.4	11	3.1	0.6	0.4	22	0.12	0.032
1154748	Soil		1.0	29.3	94.6	92	0.3	21.0	10.7	494	2.72	97.3	1.5	2.2	1.7	11	0.5	0.6	0.3	31	0.08	0.067
1154751	Soil		0.6	31.9	30.0	76	0.1	34.8	19.4	747	2.93	224.3	1.8	3.1	10.3	11	0.4	0.4	0.3	14	0.11	0.061
1154750	Soil		0.5	35.7	41.6	80	0.2	36.9	32.5	1049	2.85	289.0	1.9	22.4	9.8	10	0.3	0.5	0.3	17	0.10	0.052
1154746	Soil		0.8	16.3	26.8	55	<0.1	17.3	8.2	346	2.43	158.8	0.7	8.9	3.0	10	0.2	0.6	0.2	34	0.07	0.037
1154752	Soil		0.7	13.4	19.7	31	<0.1	9.7	4.6	284	1.56	143.9	0.7	2.0	1.7	5	<0.1	0.4	0.2	20	0.03	0.037
1154754	Soil		0.7	32.9	30.9	61	0.5	19.0	6.2	286	2.59	111.6	1.5	2.8	2.0	11	0.3	0.4	0.3	22	0.05	0.075
1154753	Soil		0.6	35.9	34.2	76	0.1	29.4	11.9	706	3.06	121.3	1.3	1.9	8.9	18	0.3	0.4	0.3	15	0.15	0.061
1154747	Soil		0.6	47.1	43.6	100	0.1	40.6	28.8	795	3.22	264.1	3.1	4.8	8.2	16	0.5	0.5	0.3	20	0.09	0.067
1151469	Soil		0.7	53.7	51.0	163	0.3	35.5	18.5	1215	3.90	198.4	1.7	9.2	8.8	32	0.7	0.5	0.9	47	0.34	0.051
1154755	Soil		0.5	32.8	85.6	223	0.5	26.2	11.1	621	2.73	60.6	1.3	10.0	8.4	7	1.9	0.9	0.3	21	0.07	0.046

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 26, 2011

CERTIFICATE OF ANALYSIS DAW11000280.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1154760	Soil	21	13	0.47	102	0.012	2	0.78	0.004	0.05	0.2	0.02	1.7	<0.1	<0.05	2	<0.5	<0.2
1154757	Soil	22	16	0.29	58	0.008	2	1.00	0.003	0.07	0.2	0.03	0.8	0.1	<0.05	3	<0.5	<0.2
1154758	Soil	29	10	0.17	81	0.004	<1	0.61	0.003	0.08	0.1	0.02	1.5	0.1	<0.05	2	<0.5	<0.2
1154762	Soil	18	20	0.45	88	0.012	2	1.29	0.007	0.07	0.1	0.04	1.0	0.1	<0.05	4	<0.5	<0.2
1154764	Soil	20	19	0.46	117	0.013	1	1.21	0.005	0.08	0.3	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1154761	Soil	28	12	0.56	123	0.006	<1	0.79	0.003	0.08	<0.1	0.03	2.5	<0.1	<0.05	2	<0.5	<0.2
1154759	Soil	18	19	0.33	69	0.018	1	1.04	0.004	0.05	0.2	0.05	1.2	<0.1	<0.05	3	<0.5	<0.2
1154763	Soil	12	17	0.33	106	0.008	<1	1.12	0.006	0.08	0.1	0.06	0.6	0.1	0.07	4	<0.5	<0.2
1154756	Soil	20	12	0.18	77	0.018	<1	0.65	0.004	0.12	0.2	0.03	1.0	0.2	0.13	2	0.7	<0.2
1154766	Soil	17	19	0.36	105	0.015	<1	1.14	0.004	0.05	0.2	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1154765	Soil	17	19	0.42	93	0.011	<1	1.14	0.004	0.04	0.2	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1154767	Soil	17	18	0.36	107	0.014	<1	1.14	0.004	0.05	0.2	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1154770	Soil	16	12	0.23	131	0.008	1	0.78	0.005	0.05	0.2	0.05	0.7	<0.1	0.10	3	<0.5	<0.2
1154772	Soil	15	16	0.30	104	0.014	<1	0.99	0.004	0.05	0.2	0.04	1.3	0.1	<0.05	3	<0.5	<0.2
1154768	Soil	20	17	0.26	136	0.009	<1	1.34	0.005	0.04	0.2	0.06	0.8	0.1	0.06	5	<0.5	<0.2
1154774	Soil	18	10	0.22	104	0.004	<1	0.72	0.003	0.10	0.3	0.05	1.3	<0.1	<0.05	2	<0.5	<0.2
1154744	Soil	15	20	0.38	80	0.021	1	1.11	0.006	0.04	0.2	0.04	1.2	<0.1	<0.05	4	<0.5	<0.2
1154769	Soil	19	16	0.40	80	0.009	1	1.08	0.003	0.04	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1154773	Soil	11	11	0.18	173	0.007	1	0.86	0.005	0.07	0.4	0.05	1.0	0.1	0.09	2	<0.5	<0.2
1154771	Soil	21	15	0.31	70	0.019	<1	0.78	0.004	0.05	0.3	0.05	1.4	<0.1	<0.05	2	<0.5	<0.2
1154748	Soil	15	20	0.36	64	0.012	<1	1.25	0.005	0.05	0.2	0.07	0.8	<0.1	<0.05	4	<0.5	<0.2
1154751	Soil	29	19	0.52	51	0.006	<1	1.21	0.003	0.05	0.2	0.04	0.9	<0.1	<0.05	3	<0.5	<0.2
1154750	Soil	24	19	0.49	68	0.008	<1	1.15	0.003	0.04	0.2	0.05	0.9	<0.1	<0.05	3	<0.5	<0.2
1154746	Soil	15	18	0.28	82	0.018	<1	0.99	0.004	0.05	0.2	0.04	1.0	<0.1	<0.05	4	<0.5	<0.2
1154752	Soil	16	9	0.13	45	0.007	<1	0.65	0.002	0.05	0.1	0.04	0.3	<0.1	<0.05	3	<0.5	<0.2
1154754	Soil	14	18	0.41	107	0.008	<1	1.25	0.006	0.09	0.1	0.06	0.7	0.1	0.06	4	<0.5	<0.2
1154753	Soil	21	15	0.49	63	0.008	<1	0.97	0.003	0.07	0.2	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1154747	Soil	29	21	0.52	75	0.010	<1	1.30	0.004	0.06	0.2	0.05	1.0	<0.1	<0.05	4	<0.5	<0.2
1151469	Soil	20	33	1.83	191	0.061	<1	2.52	0.011	0.14	0.2	0.03	3.6	0.3	<0.05	8	<0.5	<0.2
1154755	Soil	28	17	0.30	65	0.010	<1	0.86	0.003	0.05	0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 26, 2011

CERTIFICATE OF ANALYSIS DAW11000280.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1154745	Soil	0.5	30.2	38.0	79	<0.1	32.2	18.2	659	2.54	39.6	1.1	8.2	4.7	10	0.2	0.4	0.3	23	0.09	0.047
1154749	Soil	0.9	19.2	17.3	47	<0.1	14.8	5.0	252	2.13	130.2	1.0	11.5	1.2	7	0.2	0.5	0.4	26	0.06	0.054
1151473	Soil	1.0	30.7	29.2	171	0.7	22.5	10.2	603	2.98	284.6	1.5	12.3	3.7	14	0.8	1.0	1.4	33	0.10	0.064
1151472	Soil	0.7	29.6	24.7	152	0.6	22.5	10.0	537	2.80	257.2	1.4	9.8	3.6	17	1.0	0.7	1.6	32	0.16	0.060
1151471	Soil	0.7	32.3	21.8	138	0.3	25.3	10.7	477	2.61	171.6	1.6	6.5	9.9	17	0.9	0.6	1.7	22	0.17	0.048
1151470	Soil	0.7	34.4	39.8	130	0.3	30.7	13.2	741	2.90	220.1	1.4	13.2	8.8	21	0.7	0.7	0.4	35	0.24	0.062
1151477	Soil	0.6	23.2	20.3	85	0.2	22.7	9.3	392	2.35	164.8	1.1	14.2	4.4	12	0.6	0.6	0.5	26	0.15	0.049
1151476	Soil	0.7	25.3	20.2	108	0.3	23.9	10.5	517	2.63	170.1	1.3	15.0	2.4	16	0.7	0.6	0.6	32	0.21	0.056
1151475	Soil	0.7	22.8	15.6	77	0.1	22.2	10.4	483	2.37	147.8	1.1	14.7	3.6	11	0.4	0.6	0.4	31	0.13	0.047
1151474	Soil	0.8	28.8	26.7	86	0.3	24.6	11.5	451	2.72	205.6	1.3	12.0	3.7	10	0.4	0.7	0.7	31	0.10	0.053
1151481	Soil	0.8	21.2	27.4	181	0.4	26.8	11.2	395	2.37	54.3	1.3	4.1	3.9	10	0.7	0.7	0.3	29	0.15	0.048
1151480	Soil	0.9	18.7	24.3	86	0.3	17.1	6.9	282	2.30	39.7	1.0	3.8	1.8	9	0.5	0.7	0.3	35	0.10	0.041
1151479	Soil	0.8	19.7	35.8	95	0.4	16.6	9.4	474	2.43	88.9	1.0	3.3	2.6	6	0.6	0.8	0.4	29	0.06	0.041
1151478	Soil	0.8	19.5	16.4	80	0.1	17.5	7.5	321	2.21	49.5	0.9	3.7	2.2	7	0.4	0.6	0.3	31	0.07	0.043
1151482	Soil	0.9	16.2	47.5	108	0.2	17.0	6.7	358	2.39	72.8	0.9	4.6	1.4	7	0.6	0.9	0.5	33	0.08	0.041
1151483	Soil	0.7	18.3	35.5	114	<0.1	24.8	10.9	930	2.15	49.2	0.8	3.2	4.7	9	1.3	0.7	0.2	24	0.13	0.045
1151484	Soil	0.6	12.9	23.5	81	0.1	15.0	6.1	261	2.05	42.0	0.8	2.6	2.8	9	0.3	0.6	0.3	23	0.13	0.040
1151485	Soil	0.5	13.5	23.5	87	0.1	15.8	6.2	279	2.18	43.9	0.8	1.8	2.7	9	0.3	0.6	0.3	23	0.14	0.039
1075092	Soil	0.8	17.4	41.4	89	0.3	13.1	5.4	225	2.00	68.4	0.9	5.9	2.2	6	0.6	1.0	0.3	24	0.06	0.041
1151488	Soil	0.5	24.1	17.2	79	0.4	24.4	7.9	322	2.23	44.9	1.3	3.8	5.9	8	0.3	1.2	0.4	20	0.12	0.043
1151487	Soil	0.8	29.1	19.5	93	<0.1	31.4	10.9	363	2.62	36.0	1.3	4.1	6.2	12	0.2	1.1	0.3	31	0.17	0.056
1151486	Soil	0.7	21.1	18.6	87	<0.1	24.6	10.1	428	2.46	32.5	0.9	7.9	5.1	10	0.3	0.7	0.3	26	0.13	0.035
1075096	Soil	0.4	15.3	10.1	57	0.1	17.4	5.5	183	1.78	22.1	1.9	3.2	3.5	13	0.2	0.4	0.1	24	0.19	0.049
1075095	Soil	0.7	19.6	17.0	71	0.1	18.5	9.2	331	2.14	27.1	0.9	2.5	1.8	10	0.3	0.6	0.2	30	0.15	0.050
1075094	Soil	0.6	19.2	14.9	67	0.2	22.5	9.2	302	2.28	19.7	0.8	5.4	3.1	9	0.3	0.9	0.2	28	0.13	0.047
1075093	Soil	0.7	20.6	22.1	73	0.1	18.4	7.9	268	2.19	22.4	0.9	4.2	2.2	6	0.4	0.8	0.2	24	0.07	0.042
1075083	Soil	0.6	19.6	15.0	54	0.1	16.1	6.7	302	2.04	37.3	0.9	6.4	2.7	9	0.3	0.5	0.2	29	0.12	0.053
1075098	Soil	0.8	15.3	27.3	67	<0.1	16.9	8.3	456	2.26	56.6	0.9	1.6	1.4	8	0.3	0.5	0.2	33	0.08	0.049
1075099	Soil	0.8	15.7	21.3	64	<0.1	18.2	6.9	334	2.26	48.8	1.0	1.7	1.7	11	0.2	0.5	0.2	32	0.15	0.052
1075097	Soil	0.6	19.8	13.1	66	<0.1	23.2	7.5	331	2.02	25.9	1.3	5.9	3.5	15	0.3	0.7	0.2	28	0.23	0.046

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 26, 2011

CERTIFICATE OF ANALYSIS DAW11000280.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1154745	Soil	17	19	0.42	73	0.015	<1	1.06	0.004	0.08	0.2	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
1154749	Soil	16	16	0.26	43	0.012	<1	0.84	0.004	0.04	0.3	0.06	0.6	<0.1	<0.05	3	<0.5	<0.2
1151473	Soil	20	24	0.60	139	0.016	<1	1.45	0.005	0.07	0.2	0.04	1.7	0.2	<0.05	4	<0.5	<0.2
1151472	Soil	20	21	0.51	128	0.017	<1	1.22	0.004	0.07	0.3	0.03	1.4	0.1	<0.05	4	<0.5	<0.2
1151471	Soil	26	17	0.57	92	0.021	<1	1.06	0.004	0.08	0.2	0.02	1.6	0.1	<0.05	3	<0.5	<0.2
1151470	Soil	21	25	1.26	142	0.044	<1	1.81	0.006	0.17	0.2	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1151477	Soil	20	18	0.37	93	0.019	1	0.90	0.004	0.05	0.2	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1151476	Soil	18	22	0.48	142	0.019	2	1.24	0.004	0.06	0.2	0.03	1.4	0.1	0.05	4	<0.5	<0.2
1151475	Soil	17	20	0.49	100	0.025	1	1.14	0.005	0.06	0.2	0.03	1.5	0.1	<0.05	3	<0.5	<0.2
1151474	Soil	18	21	0.50	100	0.022	1	1.20	0.005	0.06	0.3	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1151481	Soil	21	19	0.37	89	0.018	1	1.10	0.004	0.04	0.2	0.02	1.8	0.1	<0.05	3	<0.5	<0.2
1151480	Soil	17	22	0.35	78	0.020	<1	1.21	0.004	0.04	0.2	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1151479	Soil	19	20	0.32	59	0.017	<1	1.03	0.003	0.04	0.2	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1151478	Soil	18	20	0.31	62	0.021	<1	1.05	0.004	0.04	0.2	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1151482	Soil	15	21	0.29	67	0.014	<1	1.02	0.003	0.04	0.2	0.02	1.0	0.1	<0.05	4	<0.5	<0.2
1151483	Soil	17	16	0.30	105	0.015	<1	0.85	0.004	0.04	0.2	0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
1151484	Soil	17	17	0.30	98	0.007	<1	0.97	0.003	0.04	0.1	0.01	1.0	<0.1	<0.05	3	<0.5	<0.2
1151485	Soil	18	18	0.31	106	0.007	<1	1.02	0.003	0.04	0.1	0.01	1.0	<0.1	<0.05	3	<0.5	<0.2
1075092	Soil	16	15	0.27	53	0.008	<1	0.93	0.003	0.04	0.2	0.02	0.9	0.1	<0.05	3	<0.5	<0.2
1151488	Soil	25	16	0.30	96	0.008	<1	0.95	0.003	0.04	0.2	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1151487	Soil	21	21	0.38	117	0.020	<1	1.23	0.004	0.05	0.2	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
1151486	Soil	19	19	0.35	93	0.015	<1	1.03	0.003	0.04	0.2	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1075096	Soil	17	17	0.32	111	0.013	<1	1.05	0.004	0.04	0.1	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1075095	Soil	16	20	0.35	102	0.014	1	1.19	0.004	0.04	0.2	0.03	1.3	0.1	<0.05	3	<0.5	<0.2
1075094	Soil	17	18	0.32	90	0.015	<1	1.07	0.004	0.04	0.1	0.03	1.5	0.1	<0.05	3	<0.5	<0.2
1075093	Soil	20	15	0.27	59	0.008	<1	0.93	0.003	0.04	0.1	0.02	1.0	0.1	<0.05	3	<0.5	<0.2
1075083	Soil	17	17	0.30	59	0.020	<1	0.91	0.003	0.04	0.2	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1075098	Soil	16	19	0.31	86	0.016	<1	1.10	0.004	0.04	0.2	0.02	1.2	0.1	0.06	4	<0.5	<0.2
1075099	Soil	17	20	0.34	114	0.014	<1	1.28	0.004	0.04	0.2	0.02	1.1	0.1	<0.05	4	<0.5	<0.2
1075097	Soil	14	18	0.32	111	0.016	1	0.98	0.004	0.04	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 26, 2011

CERTIFICATE OF ANALYSIS DAW11000280.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1075086	Soil		0.9	23.7	16.3	99	0.2	20.3	10.2	398	2.40	29.4	1.1	3.4	2.5	8	0.5	0.6	0.2	38	0.10	0.059
1075087	Soil		0.7	29.5	19.6	91	0.3	22.9	10.6	502	2.51	54.8	1.3	7.8	5.6	7	0.6	0.7	0.3	26	0.08	0.049
1075085	Soil		0.6	26.7	12.8	70	0.2	22.5	9.3	398	1.96	26.8	1.1	12.6	4.0	11	0.7	0.6	0.2	30	0.15	0.065
1075084	Soil		0.7	33.9	30.9	70	0.2	24.1	10.5	370	2.35	83.9	1.6	4.4	7.2	10	0.3	0.6	0.2	31	0.13	0.070
1075090	Soil		0.8	20.6	31.2	108	0.2	19.0	7.8	358	2.51	59.1	1.0	4.2	3.4	7	0.7	1.1	0.3	27	0.07	0.047
1075091	Soil		0.7	20.2	28.8	101	0.2	17.8	7.1	313	2.30	53.9	0.9	4.8	3.1	6	0.7	1.1	0.2	25	0.07	0.044
1075088	Soil		0.9	34.1	28.6	137	0.4	27.6	10.7	380	2.61	162.2	1.5	7.9	6.2	9	1.3	1.1	0.4	27	0.08	0.043
1075089	Soil		0.8	18.0	20.7	64	0.2	13.5	4.9	167	2.18	70.6	0.8	3.3	0.8	5	0.3	0.6	0.3	28	0.04	0.041
1075078	Soil		0.7	36.9	52.9	146	0.8	30.9	13.8	725	3.22	241.9	1.6	17.0	4.8	16	0.7	0.6	0.4	37	0.17	0.062
1075077	Soil		0.7	34.5	31.8	106	0.3	30.7	16.7	922	3.32	279.6	1.5	13.9	5.7	25	0.4	0.5	0.5	38	0.32	0.055
1075075	Soil		0.8	50.2	45.6	125	0.4	39.5	22.7	1258	4.03	391.1	2.2	23.4	12.5	32	0.3	0.6	0.7	40	0.38	0.045
1075076	Soil		0.7	46.4	36.5	120	0.4	38.8	19.9	1099	3.71	334.1	2.0	22.8	10.7	35	0.6	0.6	0.6	40	0.47	0.056
1075081	Soil		0.8	30.8	18.0	84	0.3	23.4	9.3	334	2.34	83.9	1.1	8.0	5.5	14	0.4	0.7	0.3	31	0.18	0.081
1075082	Soil		0.6	23.6	20.6	72	0.2	18.1	8.2	245	2.00	50.0	1.2	10.7	5.9	11	0.4	0.5	0.3	28	0.13	0.062
1075079	Soil		0.5	32.0	44.4	151	1.7	25.6	10.3	507	3.11	188.1	1.2	12.3	9.2	8	0.7	0.6	0.5	21	0.07	0.048
1075080	Soil		0.6	32.1	45.9	153	1.8	25.5	10.5	498	3.10	193.6	1.2	12.7	8.7	8	0.8	0.6	0.5	21	0.07	0.048
1074403	Soil		0.6	26.1	39.9	148	0.4	25.5	9.7	600	2.67	85.7	0.9	7.3	3.7	25	1.3	0.9	0.3	20	0.29	0.069
1074402	Soil		0.7	19.3	89.3	608	0.7	22.9	8.5	668	2.57	95.9	0.8	6.7	3.4	10	13.9	3.4	0.4	27	0.13	0.059
1074401	Soil		0.7	21.9	239.0	524	1.4	24.2	8.6	659	2.92	59.2	1.1	2.8	3.1	11	5.4	1.2	0.4	28	0.16	0.067
1075100	Soil		0.6	17.2	29.2	116	0.2	17.7	7.9	386	2.14	74.1	0.9	1.6	3.7	11	1.5	0.5	0.2	20	0.13	0.048
1151285	Soil		0.7	34.5	66.5	142	0.3	27.6	13.7	701	3.24	216.7	1.5	9.3	3.5	20	0.8	0.6	0.8	40	0.23	0.065
1151284	Soil		1.0	27.3	30.7	163	0.4	21.6	10.3	624	2.98	146.9	1.1	5.4	1.7	10	0.9	0.6	1.2	35	0.08	0.068
1151283	Soil		0.8	46.1	38.0	386	1.3	33.1	12.5	692	3.37	252.3	1.8	19.7	10.9	20	4.6	0.8	2.4	29	0.28	0.065
1151282	Soil		0.9	42.5	21.5	168	0.5	34.3	15.4	825	3.56	295.3	1.9	23.2	8.9	20	1.5	0.7	1.3	32	0.25	0.059
1151292	Soil		0.8	22.9	24.6	99	0.3	17.5	6.5	239	2.59	126.1	1.1	3.3	1.8	7	0.6	1.0	0.4	27	0.06	0.051
1151293	Soil		0.9	26.6	75.1	135	1.0	17.1	8.6	444	2.96	169.6	1.2	5.0	1.4	7	0.9	1.0	1.3	26	0.05	0.067
1151287	Soil		0.7	25.7	31.5	81	0.2	20.6	9.2	253	2.27	138.0	1.3	6.5	2.1	11	0.3	0.6	0.5	37	0.12	0.057
1151286	Soil		0.6	27.6	27.4	87	0.2	21.9	12.2	721	2.50	125.0	1.2	7.3	2.6	14	0.6	0.6	0.5	31	0.16	0.070
1151290	Soil		0.7	19.9	16.1	73	0.2	17.7	8.0	355	2.22	56.8	0.9	3.3	2.2	10	0.4	0.6	0.2	30	0.13	0.061
1151291	Soil		0.9	21.2	20.3	297	0.3	24.7	9.1	486	2.59	135.7	1.2	7.3	1.5	16	3.3	0.7	0.3	32	0.21	0.052

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1075086	Soil		16	23	0.40	76	0.029	<1	1.31	0.004	0.04	0.2	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1075087	Soil		25	17	0.32	84	0.017	<1	0.95	0.003	0.05	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1075085	Soil		17	17	0.33	85	0.031	<1	0.88	0.004	0.04	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1075084	Soil		22	19	0.35	58	0.029	<1	1.05	0.003	0.04	0.3	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
1075090	Soil		22	18	0.30	54	0.015	<1	0.98	0.003	0.05	0.4	0.02	1.2	0.1	<0.05	3	<0.5	<0.2
1075091	Soil		19	17	0.28	47	0.014	<1	0.91	0.003	0.04	0.3	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1075088	Soil		23	17	0.27	64	0.015	<1	0.86	0.003	0.04	0.3	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1075089	Soil		18	16	0.24	50	0.008	<1	0.95	0.003	0.04	0.4	0.04	0.7	0.1	<0.05	4	<0.5	<0.2
1075078	Soil		23	29	1.02	103	0.028	<1	1.95	0.006	0.09	0.4	0.02	2.4	0.2	<0.05	6	<0.5	<0.2
1075077	Soil		19	30	1.27	136	0.035	<1	1.98	0.010	0.09	0.2	0.02	2.5	0.2	0.09	6	<0.5	<0.2
1075075	Soil		24	35	1.71	149	0.054	<1	2.37	0.014	0.14	0.1	0.02	3.6	0.3	<0.05	7	<0.5	<0.2
1075076	Soil		23	34	1.60	152	0.052	<1	2.30	0.016	0.15	0.2	0.02	3.3	0.2	0.07	7	<0.5	<0.2
1075081	Soil		17	21	0.39	69	0.032	1	1.24	0.004	0.04	0.3	0.02	1.7	<0.1	<0.05	3	0.8	<0.2
1075082	Soil		18	18	0.37	65	0.032	1	1.09	0.004	0.04	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1075079	Soil		30	26	0.67	56	0.008	<1	1.61	0.002	0.07	0.2	0.01	1.8	0.1	<0.05	4	0.6	<0.2
1075080	Soil		31	26	0.69	57	0.008	<1	1.57	0.003	0.07	0.2	0.01	1.7	0.1	<0.05	5	0.9	<0.2
1074403	Soil		19	12	0.19	110	0.009	1	0.82	0.004	0.03	0.1	0.03	1.7	<0.1	<0.05	2	0.7	<0.2
1074402	Soil		21	15	0.25	104	0.015	1	0.92	0.004	0.05	0.3	0.05	1.8	0.1	<0.05	3	0.5	<0.2
1074401	Soil		21	19	0.37	137	0.012	1	1.33	0.005	0.05	0.2	0.04	1.7	0.2	<0.05	4	0.8	<0.2
1075100	Soil		19	14	0.31	117	0.012	<1	0.96	0.003	0.06	0.2	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1151285	Soil		18	27	1.03	167	0.032	1	1.97	0.008	0.09	0.1	0.04	2.3	0.2	<0.05	6	<0.5	<0.2
1151284	Soil		18	23	0.51	87	0.018	1	1.54	0.007	0.07	0.1	0.05	1.2	0.2	<0.05	5	0.8	<0.2
1151283	Soil		25	23	1.03	100	0.028	<1	1.62	0.006	0.12	0.2	0.03	2.4	0.2	<0.05	5	0.9	<0.2
1151282	Soil		26	27	1.30	140	0.031	1	1.95	0.006	0.10	0.2	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1151292	Soil		21	17	0.30	58	0.011	<1	1.15	0.003	0.05	0.2	0.04	1.0	0.1	<0.05	4	0.6	<0.2
1151293	Soil		20	18	0.30	65	0.009	<1	1.11	0.003	0.05	0.2	0.03	0.8	0.1	<0.05	4	0.8	<0.2
1151287	Soil		17	23	0.53	110	0.019	<1	1.43	0.004	0.05	0.2	0.03	1.4	0.1	<0.05	4	<0.5	<0.2
1151286	Soil		17	21	0.52	117	0.021	<1	1.34	0.004	0.06	0.2	0.02	1.5	0.1	<0.05	4	0.8	<0.2
1151290	Soil		18	19	0.35	73	0.023	<1	1.00	0.003	0.04	0.2	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1151291	Soil		18	25	0.35	130	0.013	<1	1.26	0.004	0.05	0.2	0.03	1.3	0.1	<0.05	4	0.6	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 26, 2011

CERTIFICATE OF ANALYSIS DAW11000280.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151289	Soil		1.2	17.3	21.7	68	0.1	18.9	11.7	898	2.50	49.1	0.7	7.5	1.1	7	0.4	0.5	0.3	30	0.07	0.079
1151288	Soil		0.8	27.5	31.9	134	0.3	23.1	10.0	529	2.63	169.0	1.3	10.3	3.2	16	1.4	0.5	0.7	30	0.21	0.063
1074406	Soil		0.4	20.0	31.6	108	0.3	23.6	10.7	458	2.28	27.4	0.9	2.5	12.5	15	1.0	0.9	0.3	10	0.22	0.049
1074405	Soil		0.6	23.3	37.7	123	0.2	24.8	9.3	731	2.88	47.7	1.1	2.6	3.9	32	1.1	0.3	0.3	12	0.74	0.080
1074410	Soil		0.8	12.5	61.5	64	<0.1	13.0	5.7	295	2.14	35.3	0.6	2.1	1.0	10	0.3	0.6	0.5	29	0.11	0.049
1074404	Soil		0.8	23.4	31.1	119	0.4	25.5	9.6	705	2.66	14.6	1.1	2.0	4.1	12	1.1	0.8	0.3	19	0.15	0.049
1151297	Soil		0.7	22.6	99.3	141	0.5	17.9	7.7	369	2.20	66.3	0.9	4.1	4.0	8	0.6	1.0	0.3	22	0.10	0.036
1151296	Soil		0.8	29.3	75.7	192	0.7	35.8	15.2	740	2.77	176.2	1.7	9.7	3.8	13	2.0	1.4	0.6	20	0.14	0.072
1151294	Soil		1.0	21.5	36.9	113	0.2	18.7	7.9	351	2.61	68.0	1.1	4.2	2.1	7	0.9	1.0	0.3	32	0.07	0.047
1151295	Soil		1.0	21.6	37.0	134	0.3	20.2	9.2	453	2.65	122.6	1.4	7.1	1.6	9	1.2	1.1	0.3	29	0.08	0.070
1151354	Soil		0.7	27.1	53.3	431	0.4	25.0	9.1	484	2.95	105.1	1.1	4.5	5.0	8	3.7	1.0	0.6	26	0.10	0.057
1151355	Soil		0.7	19.2	65.3	340	0.3	20.1	7.5	462	2.60	76.0	1.0	5.2	2.9	11	2.0	1.7	0.3	27	0.16	0.050
1151298	Soil		0.7	16.9	19.8	78	0.1	18.7	6.9	348	2.44	44.3	1.0	1.9	3.4	12	0.3	0.7	0.2	25	0.16	0.050
1151299	Soil		0.6	16.2	18.7	72	0.1	17.4	6.5	305	2.31	38.6	0.9	4.4	3.3	12	0.3	0.7	0.2	24	0.16	0.048
1151300	Soil		0.6	23.3	17.4	91	0.4	22.0	8.6	339	2.73	43.4	1.6	9.3	5.9	11	0.3	1.3	0.4	19	0.16	0.058
1151351	Soil		1.0	53.5	23.9	120	0.6	34.9	14.0	707	3.43	137.2	1.2	8.2	7.2	14	0.8	4.2	0.3	16	0.17	0.061
1151352	Soil		0.7	17.2	16.9	71	0.1	15.3	7.0	436	2.36	31.1	0.9	2.0	1.6	7	0.2	0.8	0.3	27	0.07	0.053
1151353	Soil		0.7	21.8	15.8	82	0.1	18.6	7.9	290	2.16	22.1	0.9	2.6	2.9	9	0.4	0.8	0.2	28	0.11	0.059
1151363	Soil		0.8	20.0	71.5	182	0.8	20.7	8.8	526	2.51	133.5	0.9	5.2	4.5	15	1.3	0.8	0.9	24	0.21	0.049
1151362	Soil		0.6	20.8	61.7	260	1.9	20.8	8.9	615	2.43	182.1	0.9	5.7	6.4	16	2.6	1.0	2.1	17	0.22	0.045
1151361	Soil		0.6	19.4	62.9	249	1.8	19.7	8.6	596	2.37	176.7	0.8	6.6	6.0	15	2.9	0.9	2.0	16	0.22	0.040
1151360	Soil		0.6	29.6	59.6	228	2.2	28.2	10.6	1379	3.25	148.5	1.0	5.2	9.1	19	2.8	0.9	2.2	17	0.40	0.056
1151357	Soil		0.6	23.7	33.7	177	0.5	25.6	9.3	528	2.50	97.3	1.0	3.4	7.5	12	1.7	0.8	0.4	20	0.20	0.045
1151358	Soil		0.6	26.1	37.1	213	0.6	27.9	9.9	536	2.71	118.6	1.1	2.9	8.5	12	1.9	0.8	0.6	18	0.18	0.045
1151356	Soil		0.6	16.9	48.7	105	0.1	21.8	8.0	413	2.51	153.4	0.9	5.4	3.7	12	0.7	0.6	0.4	19	0.17	0.045
1151359	Soil		0.5	34.5	252.6	298	5.8	27.9	10.6	638	3.78	880.7	1.3	28.1	9.0	15	3.0	3.0	7.9	11	0.20	0.050
1078497	Soil		0.7	35.5	24.1	122	0.3	29.6	13.1	637	2.91	305.3	1.5	37.6	9.1	23	0.8	1.0	0.6	32	0.26	0.066
1078498	Soil		0.5	38.7	18.5	129	0.3	33.3	14.3	900	3.15	173.5	1.4	18.6	11.1	22	1.0	0.7	0.4	36	0.33	0.060
1078495	Soil		0.9	41.3	30.9	123	0.4	29.7	17.8	1137	3.40	298.7	2.1	15.3	5.5	19	0.7	0.7	0.9	31	0.19	0.064
1078496	Soil		0.8	31.2	26.2	126	0.2	27.4	11.3	488	2.81	243.4	1.2	12.0	5.5	17	1.3	0.7	0.8	32	0.17	0.063

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Project: ALP
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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151289	Soil		14	20	0.31	55	0.015	<1	1.01	0.004	0.05	0.2	0.06	0.7	<0.1	<0.05	4	0.6	<0.2
1151288	Soil		18	21	0.58	112	0.019	<1	1.38	0.004	0.07	0.2	0.03	1.6	0.1	<0.05	4	<0.5	<0.2
1074406	Soil		26	8	0.22	64	0.012	<1	0.57	0.004	0.09	2.1	0.02	1.1	<0.1	<0.05	2	<0.5	<0.2
1074405	Soil		19	11	0.19	93	0.009	1	0.77	0.007	0.07	<0.1	0.04	1.6	<0.1	0.07	2	0.7	<0.2
1074410	Soil		12	15	0.19	86	0.015	<1	0.74	0.004	0.04	0.2	0.04	0.8	<0.1	<0.05	3	<0.5	<0.2
1074404	Soil		25	13	0.19	127	0.010	<1	0.79	0.004	0.04	0.1	0.04	1.7	<0.1	<0.05	2	0.6	<0.2
1151297	Soil		19	17	0.30	106	0.007	<1	1.03	0.003	0.04	0.2	0.02	1.3	0.1	<0.05	3	<0.5	<0.2
1151296	Soil		21	17	0.29	83	0.010	<1	0.83	0.003	0.06	0.3	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1151294	Soil		17	21	0.35	74	0.016	<1	1.20	0.004	0.04	0.2	0.03	1.2	0.1	<0.05	4	0.6	<0.2
1151295	Soil		17	19	0.30	85	0.009	<1	1.10	0.003	0.04	0.2	0.04	1.0	0.1	<0.05	4	0.6	<0.2
1151354	Soil		25	20	0.37	89	0.011	<1	1.23	0.006	0.05	0.2	0.02	1.7	0.1	<0.05	4	0.6	<0.2
1151355	Soil		19	18	0.29	99	0.013	<1	1.14	0.007	0.04	0.3	0.04	1.6	0.1	<0.05	3	<0.5	<0.2
1151298	Soil		19	19	0.30	151	0.006	<1	1.17	0.003	0.04	0.2	0.02	1.4	0.1	<0.05	3	0.5	<0.2
1151299	Soil		18	17	0.30	151	0.006	<1	1.05	0.003	0.04	0.2	0.01	1.3	0.1	<0.05	3	<0.5	<0.2
1151300	Soil		23	17	0.33	151	0.005	<1	1.11	0.003	0.03	0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1151351	Soil		25	12	0.21	136	0.002	<1	0.80	0.003	0.06	0.2	0.02	1.7	0.2	<0.05	2	0.6	<0.2
1151352	Soil		16	18	0.28	97	0.009	<1	1.06	0.003	0.03	0.2	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
1151353	Soil		17	18	0.30	67	0.018	<1	1.05	0.003	0.04	0.2	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
1151363	Soil		18	16	0.28	148	0.012	1	1.00	0.004	0.06	0.3	0.02	1.4	0.1	<0.05	3	0.6	<0.2
1151362	Soil		19	13	0.26	114	0.010	1	0.81	0.005	0.09	0.2	0.03	1.5	<0.1	<0.05	2	<0.5	<0.2
1151361	Soil		17	12	0.23	112	0.009	1	0.74	0.004	0.08	0.2	0.02	1.3	<0.1	<0.05	2	<0.5	<0.2
1151360	Soil		27	12	0.24	101	0.014	2	0.66	0.006	0.04	0.3	0.04	2.7	<0.1	<0.05	2	0.7	<0.2
1151357	Soil		21	14	0.27	92	0.014	2	0.77	0.004	0.05	0.3	0.03	1.7	<0.1	<0.05	2	0.7	<0.2
1151358	Soil		22	13	0.29	88	0.015	<1	0.83	0.005	0.06	0.3	0.03	1.7	<0.1	<0.05	2	0.5	<0.2
1151356	Soil		19	14	0.28	100	0.009	1	0.99	0.004	0.04	0.4	0.02	1.1	0.1	<0.05	3	<0.5	<0.2
1151359	Soil		22	11	0.26	88	0.007	<1	0.79	0.004	0.07	0.2	0.02	1.7	0.1	0.06	2	<0.5	<0.2
1078497	Soil		19	23	0.99	152	0.048	2	1.66	0.010	0.19	0.4	0.03	2.3	0.2	<0.05	5	<0.5	<0.2
1078498	Soil		20	27	1.48	171	0.061	<1	2.09	0.011	0.27	0.3	0.02	3.1	0.3	<0.05	6	<0.5	<0.2
1078495	Soil		26	24	0.79	162	0.019	2	1.68	0.010	0.10	0.2	0.03	1.8	0.2	<0.05	5	0.8	<0.2
1078496	Soil		19	23	0.74	113	0.042	1	1.48	0.007	0.12	0.4	0.03	1.8	0.2	<0.05	4	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1075302	Soil	0.7	30.8	34.6	133	0.4	25.6	12.8	722	2.81	181.2	1.4	17.8	5.1	16	0.9	0.7	0.5	35	0.15	0.074
1075301	Soil	0.7	27.6	35.3	158	0.4	27.9	12.4	577	2.78	174.8	1.4	18.0	6.4	18	0.8	0.7	0.6	35	0.20	0.068
1078500	Soil	0.7	33.4	31.6	151	0.4	26.4	12.8	655	2.74	179.1	1.5	15.3	6.6	23	0.8	0.7	0.7	38	0.33	0.061
1078499	Soil	0.7	55.0	61.0	206	0.6	42.7	19.1	1258	3.91	230.3	1.5	19.8	12.4	42	1.2	0.8	0.6	57	0.54	0.070
1075306	Soil	0.9	19.6	47.1	174	0.1	22.1	12.2	649	2.89	92.1	1.0	2.4	2.2	10	1.0	1.0	0.4	30	0.11	0.059
1075305	Soil	0.9	27.5	31.0	126	0.3	25.8	12.7	635	2.72	113.8	1.4	7.2	3.7	14	0.9	0.6	0.4	33	0.15	0.088
1075304	Soil	0.6	28.7	35.2	129	0.6	26.2	12.1	588	2.57	142.5	1.7	12.4	6.6	14	1.0	0.6	0.5	29	0.15	0.061
1075303	Soil	0.6	28.0	32.1	125	0.4	25.9	10.8	509	2.71	152.6	1.4	11.6	6.0	14	0.6	0.7	0.5	27	0.14	0.059
1075307	Soil	1.0	21.5	24.8	127	<0.1	27.2	12.6	563	2.74	50.5	1.1	1.4	3.4	12	0.6	0.9	0.3	29	0.15	0.054
1075308	Soil	0.8	10.9	32.2	70	0.1	13.8	7.3	371	2.42	37.2	0.8	2.7	1.6	10	0.2	0.5	0.4	29	0.12	0.053
1075309	Soil	0.5	16.3	17.3	66	0.1	15.9	5.6	252	2.27	36.1	0.9	2.7	4.6	7	0.2	1.1	0.2	18	0.08	0.047
1075310	Soil	1.0	16.0	41.8	78	0.3	16.5	7.0	389	2.42	52.4	0.9	9.1	1.3	10	0.4	0.7	0.7	33	0.11	0.061
1075313	Soil	0.6	23.6	183.3	373	1.6	14.7	6.8	324	3.38	185.0	1.3	5.6	6.2	8	2.3	2.0	1.7	18	0.11	0.063
1075314	Soil	0.6	21.6	32.3	175	0.4	19.6	8.6	405	2.45	36.5	1.1	6.3	5.4	11	1.8	1.7	0.4	18	0.15	0.049
1075312	Soil	1.0	22.4	25.4	163	0.5	20.6	8.6	384	2.92	51.7	1.8	4.3	6.8	8	1.4	2.4	0.4	14	0.11	0.056
1075311	Soil	0.5	17.5	22.9	99	0.4	18.0	7.0	345	2.19	65.8	1.1	2.7	3.2	14	0.9	1.0	0.4	21	0.17	0.047
1075315	Soil	0.5	29.5	38.7	147	1.0	30.3	13.3	804	3.79	35.9	1.6	2.6	10.5	11	0.7	1.2	1.0	12	0.18	0.055
1075316	Soil	0.5	28.3	49.4	134	4.2	19.5	8.2	399	2.73	38.5	1.6	4.3	6.5	11	0.6	1.5	6.6	17	0.15	0.043
1075317	Soil	0.5	24.6	33.0	121	0.6	22.7	10.2	577	2.81	40.8	1.3	7.5	6.4	13	0.9	1.8	0.6	13	0.17	0.043
1075318	Soil	0.5	12.6	26.5	79	0.4	12.8	5.5	201	1.95	40.9	1.0	5.7	3.7	9	0.5	1.6	0.6	19	0.13	0.035
1075319	Soil	0.5	19.1	67.6	94	0.2	15.6	6.9	198	2.33	49.8	0.8	3.2	4.1	9	0.3	2.0	0.3	14	0.11	0.043
1075320	Soil	0.5	17.8	312.9	200	0.3	15.9	5.9	218	2.07	10.0	1.0	4.0	8.0	8	1.0	2.5	0.2	15	0.08	0.046
1075321	Soil	0.5	20.0	276.0	248	0.3	17.3	7.6	282	2.29	11.5	1.2	2.9	8.7	9	1.9	2.5	0.3	14	0.08	0.047
1075322	Soil	0.6	19.2	28.3	63	<0.1	21.4	8.9	378	2.22	14.5	0.7	2.3	6.0	7	0.2	0.9	0.2	29	0.06	0.037
1075323	Soil	0.5	18.8	22.8	60	<0.1	21.6	9.1	355	2.15	13.3	0.7	2.5	5.0	6	0.2	0.8	0.2	24	0.06	0.032
1075324	Soil	0.7	20.1	17.2	54	<0.1	22.8	9.2	247	2.42	8.4	0.6	4.4	4.0	9	0.1	0.5	0.2	35	0.11	0.048
1075325	Soil	0.7	20.2	16.9	55	<0.1	22.9	9.5	244	2.40	9.0	0.6	1.3	3.7	9	<0.1	0.5	0.2	33	0.10	0.046

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Project: ALP
Report Date: October 26, 2011

CERTIFICATE OF ANALYSIS DAW11000280.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1075302	Soil	22	19	0.45	114	0.020	<1	1.16	0.006	0.06	0.3	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
1075301	Soil	22	21	0.50	104	0.027	3	1.17	0.006	0.07	0.4	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1078500	Soil	22	23	0.78	132	0.038	<1	1.39	0.009	0.10	0.3	0.04	2.2	0.2	<0.05	5	<0.5	<0.2
1078499	Soil	19	38	2.54	262	0.094	<1	3.28	0.039	0.49	0.3	0.03	5.0	0.5	<0.05	9	<0.5	<0.2
1075306	Soil	19	21	0.40	83	0.017	<1	1.24	0.004	0.05	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1075305	Soil	21	22	0.47	123	0.024	1	1.31	0.008	0.07	0.3	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
1075304	Soil	21	19	0.44	125	0.023	<1	1.16	0.005	0.06	0.4	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1075303	Soil	22	20	0.48	109	0.022	<1	1.20	0.008	0.06	0.2	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1075307	Soil	20	21	0.38	99	0.017	<1	1.06	0.005	0.05	0.2	0.02	1.3	<0.1	<0.05	4	0.5	<0.2
1075308	Soil	17	22	0.36	127	0.011	<1	1.28	0.004	0.04	0.2	0.02	1.0	0.1	<0.05	4	<0.5	<0.2
1075309	Soil	22	15	0.32	124	0.004	<1	1.12	0.003	0.04	0.2	0.02	1.1	0.1	<0.05	3	<0.5	<0.2
1075310	Soil	16	21	0.35	88	0.015	<1	1.22	0.005	0.05	0.2	0.03	0.8	0.1	<0.05	4	<0.5	<0.2
1075313	Soil	26	16	0.32	118	0.005	<1	1.16	0.003	0.04	0.1	0.03	1.2	0.2	<0.05	3	<0.5	<0.2
1075314	Soil	22	15	0.28	123	0.004	<1	1.01	0.004	0.04	0.2	0.02	1.1	0.1	<0.05	3	<0.5	<0.2
1075312	Soil	31	15	0.23	128	0.003	<1	0.91	0.003	0.04	0.2	0.03	1.4	0.1	<0.05	3	<0.5	<0.2
1075311	Soil	21	17	0.33	135	0.007	<1	1.09	0.005	0.04	0.2	0.02	1.1	0.1	<0.05	3	<0.5	<0.2
1075315	Soil	33	18	0.44	86	0.003	<1	1.21	0.003	0.04	0.1	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
1075316	Soil	24	15	0.29	137	0.004	<1	1.06	0.004	0.05	0.1	0.02	1.5	0.1	<0.05	3	<0.5	<0.2
1075317	Soil	29	12	0.26	103	0.007	<1	0.88	0.003	0.06	0.1	0.01	1.0	0.1	<0.05	2	<0.5	<0.2
1075318	Soil	20	15	0.23	99	0.007	<1	0.99	0.003	0.04	0.2	0.02	0.9	0.1	<0.05	3	<0.5	<0.2
1075319	Soil	26	13	0.21	105	0.018	<1	1.02	0.004	0.07	0.2	0.03	0.8	0.2	<0.05	3	<0.5	<0.2
1075320	Soil	39	12	0.22	54	0.007	<1	0.81	0.003	0.04	0.1	0.02	1.0	0.2	<0.05	2	<0.5	<0.2
1075321	Soil	42	12	0.23	74	0.008	<1	0.87	0.004	0.05	0.1	0.02	1.2	0.1	<0.05	2	<0.5	<0.2
1075322	Soil	24	15	0.29	113	0.010	<1	1.21	0.005	0.06	0.1	0.03	2.0	0.1	<0.05	3	0.7	<0.2
1075323	Soil	25	16	0.26	97	0.012	<1	1.19	0.003	0.07	0.1	0.02	1.6	0.2	<0.05	3	<0.5	<0.2
1075324	Soil	24	21	0.40	97	0.016	<1	1.49	0.003	0.06	0.1	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1075325	Soil	24	22	0.39	103	0.017	<1	1.51	0.005	0.06	0.1	0.03	1.7	0.1	<0.05	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ALP
Report Date: October 26, 2011

QUALITY CONTROL REPORT DAW11000280.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1154772	Soil	0.6	12.8	33.0	74	0.1	17.5	7.8	415	2.45	41.0	0.6	2.8	2.8	12	0.8	0.7	0.2	28	0.17	0.035
REP 1154772	QC	0.6	12.5	34.2	73	0.1	17.4	7.6	413	2.34	39.9	0.6	2.7	2.9	12	0.7	0.7	0.2	27	0.17	0.035
1154755	Soil	0.5	32.8	85.6	223	0.5	26.2	11.1	621	2.73	60.6	1.3	10.0	8.4	7	1.9	0.9	0.3	21	0.07	0.046
REP 1154755	QC	0.5	31.9	85.5	224	0.5	25.6	10.9	619	2.74	59.7	1.3	10.5	8.5	8	1.8	0.8	0.3	20	0.08	0.047
1151484	Soil	0.6	12.9	23.5	81	0.1	15.0	6.1	261	2.05	42.0	0.8	2.6	2.8	9	0.3	0.6	0.3	23	0.13	0.040
REP 1151484	QC	0.5	13.3	23.7	86	0.1	14.9	5.9	266	2.05	42.7	0.8	1.9	2.8	9	0.3	0.6	0.3	23	0.13	0.039
1075087	Soil	0.7	29.5	19.6	91	0.3	22.9	10.6	502	2.51	54.8	1.3	7.8	5.6	7	0.6	0.7	0.3	26	0.08	0.049
REP 1075087	QC	0.7	29.9	20.2	92	0.3	23.7	11.0	512	2.62	57.0	1.3	7.3	5.9	7	0.6	0.7	0.3	28	0.08	0.050
1151286	Soil	0.6	27.6	27.4	87	0.2	21.9	12.2	721	2.50	125.0	1.2	7.3	2.6	14	0.6	0.6	0.5	31	0.16	0.070
REP 1151286	QC	0.8	27.1	28.0	88	0.2	21.5	12.7	724	2.57	126.6	1.2	6.9	2.4	15	0.5	0.6	0.6	33	0.16	0.070
1151351	Soil	1.0	53.5	23.9	120	0.6	34.9	14.0	707	3.43	137.2	1.2	8.2	7.2	14	0.8	4.2	0.3	16	0.17	0.061
REP 1151351	QC	0.8	52.8	23.7	122	0.6	34.9	13.9	719	3.52	140.2	1.2	5.6	7.2	14	0.7	4.1	0.4	15	0.17	0.062
1075306	Soil	0.9	19.6	47.1	174	0.1	22.1	12.2	649	2.89	92.1	1.0	2.4	2.2	10	1.0	1.0	0.4	30	0.11	0.059
REP 1075306	QC	0.8	18.9	45.4	165	0.1	21.3	12.4	616	2.68	87.4	1.0	4.9	2.3	10	0.9	1.0	0.4	29	0.10	0.055
1075313	Soil	0.6	23.6	183.3	373	1.6	14.7	6.8	324	3.38	185.0	1.3	5.6	6.2	8	2.3	2.0	1.7	18	0.11	0.063
REP 1075313	QC	0.6	21.9	176.3	349	1.6	14.0	6.0	313	3.12	174.6	1.2	5.2	5.9	8	2.2	1.8	1.6	17	0.10	0.060
Reference Materials																					
STD DS8	Standard	13.4	102.0	121.1	286	1.7	38.4	7.5	597	2.36	22.0	2.7	106.8	6.7	74	2.2	5.2	6.0	43	0.69	0.071
STD DS8	Standard	12.9	106.8	121.1	302	1.8	35.6	7.5	602	2.42	25.5	2.8	118.1	6.8	67	2.2	5.2	6.2	40	0.66	0.076
STD DS8	Standard	13.1	109.7	123.7	294	1.7	37.9	7.4	581	2.31	22.5	2.7	104.1	6.9	60	2.0	5.0	5.7	42	0.64	0.071
STD DS8	Standard	12.7	106.2	123.0	304	1.6	38.1	7.3	584	2.37	23.3	2.9	105.4	7.1	70	2.6	5.8	6.7	41	0.69	0.077
STD DS8	Standard	12.6	106.7	123.3	312	1.8	37.5	7.3	610	2.39	25.7	2.7	113.5	6.8	65	2.3	5.4	6.4	41	0.69	0.080
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: ALP
Report Date: October 26, 2011

QUALITY CONTROL REPORT DAW11000280.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1154772	Soil	15	16	0.30	104	0.014	<1	0.99	0.004	0.05	0.2	0.04	1.3	0.1	<0.05	3	<0.5	<0.2
REP 1154772	QC	14	15	0.29	109	0.013	<1	0.96	0.003	0.05	0.3	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1154755	Soil	28	17	0.30	65	0.010	<1	0.86	0.003	0.05	0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
REP 1154755	QC	29	17	0.30	67	0.011	<1	0.83	0.003	0.05	0.2	0.04	1.5	<0.1	<0.05	3	<0.5	<0.2
1151484	Soil	17	17	0.30	98	0.007	<1	0.97	0.003	0.04	0.1	0.01	1.0	<0.1	<0.05	3	<0.5	<0.2
REP 1151484	QC	17	18	0.30	100	0.007	<1	0.99	0.003	0.04	0.1	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
1075087	Soil	25	17	0.32	84	0.017	<1	0.95	0.003	0.05	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
REP 1075087	QC	25	18	0.33	87	0.017	<1	0.96	0.003	0.05	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1151286	Soil	17	21	0.52	117	0.021	<1	1.34	0.004	0.06	0.2	0.02	1.5	0.1	<0.05	4	0.8	<0.2
REP 1151286	QC	19	22	0.54	117	0.023	<1	1.35	0.005	0.07	0.2	0.02	1.5	0.1	<0.05	4	<0.5	<0.2
1151351	Soil	25	12	0.21	136	0.002	<1	0.80	0.003	0.06	0.2	0.02	1.7	0.2	<0.05	2	0.6	<0.2
REP 1151351	QC	26	13	0.21	136	0.003	<1	0.79	0.003	0.06	0.3	0.02	1.7	0.2	<0.05	3	0.6	<0.2
1075306	Soil	19	21	0.40	83	0.017	<1	1.24	0.004	0.05	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
REP 1075306	QC	19	21	0.38	82	0.017	<1	1.19	0.004	0.04	0.2	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
1075313	Soil	26	16	0.32	118	0.005	<1	1.16	0.003	0.04	0.1	0.03	1.2	0.2	<0.05	3	<0.5	<0.2
REP 1075313	QC	25	15	0.29	120	0.004	<1	1.08	0.003	0.04	0.2	0.02	1.1	0.2	<0.05	3	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	116	0.58	262	0.125	2	1.01	0.104	0.43	3.0	0.18	2.2	5.3	0.14	5	4.7	4.7
STD DS8	Standard	14	114	0.60	277	0.115	2	0.91	0.096	0.42	2.8	0.21	2.2	5.2	0.14	5	5.6	4.8
STD DS8	Standard	15	116	0.58	249	0.114	3	0.88	0.085	0.40	2.7	0.19	2.1	5.1	0.22	4	4.8	4.7
STD DS8	Standard	15	116	0.60	268	0.117	1	0.91	0.107	0.42	2.7	0.18	2.2	5.2	0.17	5	4.8	5.0
STD DS8	Standard	15	113	0.61	292	0.115	3	0.93	0.094	0.42	3.1	0.19	2.1	5.4	0.16	5	5.4	4.8
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 25, 2011
Report Date: October 27, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000281.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-12
P.O. Number
Number of Samples: 319

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	319	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	319	Dry at 60C			WHI
1DX2	319	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS DAW11000281.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1025603	Soil		1.1	21.8	17.4	51	0.2	17.8	7.2	208	2.36	7.2	1.3	11.0	4.8	10	<0.1	0.9	0.3	24	0.06	0.041
1025608	Soil		1.0	26.0	18.6	61	<0.1	25.1	9.1	241	2.68	7.6	1.6	12.2	7.1	11	0.1	0.8	0.3	26	0.07	0.047
1025606	Soil		1.0	26.4	17.4	61	<0.1	23.0	10.1	262	2.56	9.4	1.1	11.4	10.5	12	<0.1	1.1	0.3	29	0.06	0.033
1098329	Soil		1.2	43.9	29.6	78	<0.1	41.4	21.4	365	3.91	16.3	2.1	14.2	17.5	15	0.2	1.9	0.5	26	0.03	0.041
1025610	Soil		0.7	16.4	17.8	58	0.1	21.0	10.8	260	2.42	5.5	1.3	11.5	6.9	11	<0.1	0.7	0.3	25	0.10	0.051
1025605	Soil		1.2	29.6	14.6	59	<0.1	24.5	8.7	205	2.52	9.0	1.4	15.5	9.2	15	0.1	0.7	0.2	26	0.08	0.033
1025613	Soil		0.7	17.1	15.2	45	0.1	16.3	5.7	146	1.93	5.7	1.1	17.8	2.5	10	<0.1	0.9	0.2	25	0.08	0.045
1025611	Soil		1.1	26.3	15.2	66	<0.1	22.7	10.1	338	2.83	11.6	1.3	15.4	6.3	15	0.2	0.9	0.3	40	0.10	0.051
1097435	Soil		0.9	20.6	42.6	64	0.4	15.2	5.2	320	2.00	11.9	1.0	3.1	8.2	14	0.1	13.0	0.5	21	0.06	0.044
1098331	Soil		1.5	35.8	23.5	77	<0.1	34.0	19.1	441	3.29	20.2	1.2	10.8	12.6	12	0.3	2.7	0.4	37	0.05	0.038
1098330	Soil		1.9	243.2	51.1	140	0.1	83.7	56.7	607	9.87	19.6	11.6	16.4	37.2	18	0.3	3.2	1.2	18	0.02	0.091
1025604	Soil		1.5	53.7	32.1	82	0.5	43.1	13.1	273	3.91	12.6	4.3	16.7	11.5	24	<0.1	1.2	0.5	31	0.13	0.060
1025612	Soil		1.2	30.6	22.5	69	<0.1	23.4	8.5	207	3.67	9.3	1.3	13.6	13.2	17	<0.1	0.9	0.4	34	0.05	0.051
1098335	Soil		0.9	45.3	38.9	95	0.1	35.7	17.1	363	4.00	16.6	2.1	13.7	20.3	16	0.2	5.3	0.5	15	0.06	0.043
1098336	Soil		1.4	45.6	33.1	83	0.2	32.2	13.1	282	3.83	16.8	2.2	11.4	18.9	22	<0.1	2.8	0.5	18	0.04	0.054
1097433	Soil		1.2	35.1	35.8	81	0.2	29.1	13.1	360	3.36	16.4	1.6	11.8	14.1	15	0.2	4.7	0.4	26	0.06	0.036
1025614	Soil		1.1	28.3	19.1	63	<0.1	29.4	13.8	366	2.65	7.4	1.5	12.7	8.8	15	0.2	0.8	0.3	27	0.07	0.042
1097136	Soil		0.6	19.4	15.6	59	<0.1	20.8	7.8	151	2.17	5.2	1.4	11.8	5.4	15	0.2	0.6	0.3	28	0.14	0.050
1097134	Soil		0.8	22.9	19.7	64	0.1	25.6	12.7	334	2.76	7.8	1.5	13.3	9.7	14	<0.1	1.1	0.3	25	0.13	0.055
1098332	Soil		1.1	24.3	18.6	76	0.1	26.6	14.4	608	2.48	7.7	1.8	15.0	3.6	22	0.2	1.3	0.2	30	0.21	0.054
1097434	Soil		0.9	22.6	29.2	62	0.1	20.2	6.9	171	2.59	10.4	1.1	14.2	9.6	11	0.2	2.6	0.3	26	0.05	0.032
1025601	Soil		1.2	30.7	23.9	69	0.1	26.4	11.1	285	2.76	11.1	1.6	15.0	10.4	16	0.2	2.1	0.3	28	0.09	0.052
1025609	Soil		0.9	22.3	17.6	65	0.1	21.8	12.1	308	2.60	6.0	1.5	10.9	7.9	14	0.1	0.7	0.3	28	0.12	0.047
1025607	Soil		0.9	27.1	12.6	59	<0.1	23.4	8.5	232	2.48	9.0	1.3	12.6	5.9	14	0.2	0.7	0.2	36	0.09	0.038
1149929	Soil		0.8	32.5	18.4	69	0.1	29.5	12.3	427	3.25	9.9	2.0	12.1	9.7	17	<0.1	2.4	0.3	29	0.15	0.060
1098334	Soil		1.1	45.3	28.1	93	0.1	48.5	16.8	490	3.61	9.1	2.9	12.5	19.8	18	0.3	1.9	0.4	15	0.12	0.043
1098333	Soil		1.0	41.5	26.0	84	<0.1	36.2	12.6	286	3.56	10.6	2.7	15.3	18.9	14	0.1	1.8	0.4	15	0.08	0.044
1025602	Soil		1.0	33.3	22.8	61	0.1	30.7	15.9	389	2.71	8.5	1.7	14.7	11.2	17	0.2	0.8	0.4	24	0.08	0.047
1149916	Soil		1.0	15.0	13.0	47	<0.1	13.8	9.2	436	2.27	8.3	0.8	11.5	1.0	9	0.1	0.7	0.2	36	0.09	0.057
1149918	Soil		1.2	39.1	15.3	82	<0.1	58.6	20.2	618	3.48	11.6	1.6	12.8	11.1	31	0.2	2.1	0.2	49	0.28	0.109

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600 - 666 Burrard St.
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Project: MHR
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS DAW11000281.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1025603	Soil		29	17	0.40	73	0.007	<1	1.16	0.004	0.03	0.1	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
1025608	Soil		35	21	0.44	79	0.006	2	1.19	0.004	0.04	0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1025606	Soil		29	18	0.41	82	0.013	1	1.15	0.004	0.04	0.1	0.01	1.4	<0.1	<0.05	4	<0.5	<0.2
1098329	Soil		42	22	0.53	61	0.006	1	1.80	0.005	0.05	<0.1	0.02	1.4	<0.1	<0.05	5	<0.5	<0.2
1025610	Soil		29	19	0.42	82	0.006	<1	1.21	0.004	0.03	0.1	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
1025605	Soil		34	18	0.43	105	0.015	<1	1.10	0.006	0.04	0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1025613	Soil		22	20	0.35	79	0.009	<1	1.08	0.004	0.04	0.2	0.04	1.1	<0.1	<0.05	4	<0.5	<0.2
1025611	Soil		24	24	0.45	111	0.029	<1	1.53	0.006	0.05	0.2	0.05	2.1	<0.1	<0.05	5	0.6	<0.2
1097435	Soil		26	12	0.22	57	0.017	3	0.88	0.005	0.05	0.1	0.05	1.2	<0.1	0.08	4	<0.5	<0.2
1098331	Soil		33	23	0.46	69	0.017	<1	1.79	0.004	0.05	0.1	0.03	1.8	0.1	<0.05	5	<0.5	<0.2
1098330	Soil		52	24	0.58	74	0.004	<1	2.20	0.006	0.05	<0.1	0.04	2.9	<0.1	<0.05	5	0.9	<0.2
1025604	Soil		30	26	0.59	140	0.006	<1	2.03	0.006	0.08	<0.1	0.08	2.5	<0.1	<0.05	6	0.5	<0.2
1025612	Soil		37	27	0.52	56	0.016	<1	1.64	0.005	0.05	0.1	0.03	1.7	<0.1	<0.05	5	<0.5	<0.2
1098335	Soil		57	18	0.63	44	0.002	<1	1.58	0.004	0.05	<0.1	<0.01	1.4	<0.1	<0.05	5	<0.5	<0.2
1098336	Soil		64	20	0.60	53	0.003	<1	1.60	0.007	0.06	<0.1	0.02	1.3	<0.1	<0.05	5	<0.5	<0.2
1097433	Soil		45	20	0.44	92	0.005	<1	1.45	0.005	0.05	0.1	<0.01	1.5	<0.1	<0.05	4	0.6	<0.2
1025614	Soil		33	18	0.37	80	0.016	<1	1.11	0.004	0.05	0.1	0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
1097136	Soil		26	20	0.44	132	0.013	<1	1.31	0.005	0.05	0.1	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
1097134	Soil		37	26	0.54	107	0.009	<1	1.28	0.004	0.04	0.1	0.05	1.8	<0.1	<0.05	4	<0.5	<0.2
1098332	Soil		33	23	0.42	132	0.013	<1	1.15	0.008	0.06	0.1	0.03	1.6	<0.1	<0.05	4	0.5	<0.2
1097434	Soil		36	19	0.43	60	0.011	<1	1.27	0.004	0.04	0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1025601	Soil		37	19	0.44	86	0.013	<1	1.23	0.005	0.05	0.2	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1025609	Soil		34	21	0.47	126	0.015	<1	1.30	0.006	0.05	0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1025607	Soil		26	22	0.44	119	0.023	<1	1.30	0.009	0.05	0.1	0.04	1.9	<0.1	<0.05	4	<0.5	<0.2
1149929	Soil		33	21	0.51	94	0.016	<1	1.25	0.006	0.04	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1098334	Soil		56	18	0.65	46	0.003	<1	1.48	0.004	0.04	<0.1	<0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
1098333	Soil		56	19	0.68	41	0.003	<1	1.58	0.004	0.04	<0.1	<0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
1025602	Soil		40	20	0.46	75	0.011	<1	1.22	0.005	0.05	<0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1149916	Soil		20	21	0.31	65	0.016	1	1.08	0.005	0.05	0.2	0.03	1.0	<0.1	<0.05	4	<0.5	<0.2
1149918	Soil		38	49	0.80	454	0.120	<1	1.77	0.010	0.14	0.2	<0.01	3.9	0.1	<0.05	5	<0.5	<0.2

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Project: MHR
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS DAW11000281.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1078013	Soil	1.0	32.3	16.0	69	<0.1	28.2	10.4	252	3.05	8.5	1.4	15.5	8.2	15	0.2	1.5	0.3	30	0.14	0.047
1149927	Soil	1.0	24.5	16.5	74	<0.1	24.9	13.4	488	2.68	10.9	1.3	11.8	5.7	12	0.2	2.0	0.2	32	0.11	0.055
1078010	Soil	1.0	23.9	16.5	65	<0.1	25.9	10.9	333	2.85	9.0	1.4	13.7	3.4	13	0.2	1.0	0.2	37	0.10	0.057
1149917	Soil	1.5	51.4	27.0	107	<0.1	35.5	15.3	413	4.66	8.6	2.1	13.1	4.9	13	0.1	1.4	0.5	24	0.05	0.083
1149914	Soil	0.9	24.0	13.5	67	<0.1	26.0	10.8	486	2.58	10.1	1.2	16.6	5.4	19	<0.1	0.9	0.2	38	0.23	0.075
1149915	Soil	0.9	15.1	15.5	35	0.2	14.8	5.9	167	2.15	6.4	1.2	13.0	0.5	22	<0.1	0.6	0.2	34	0.23	0.052
1078009	Soil	1.5	20.6	15.2	83	<0.1	21.6	12.9	540	2.96	11.6	1.3	<0.5	2.5	13	0.5	1.2	0.6	40	0.12	0.057
1078008	Soil	1.2	18.2	15.5	49	<0.1	18.8	9.5	384	2.66	10.4	1.1	2.8	1.0	9	0.4	1.2	0.5	38	0.07	0.058
1078011	Soil	1.4	22.8	18.8	73	0.1	23.7	8.8	290	2.80	8.8	1.7	4.1	2.2	17	0.3	0.9	0.4	36	0.15	0.056
1078006	Soil	1.2	18.1	15.3	57	<0.1	17.3	7.2	286	2.80	9.5	1.0	6.4	2.8	9	0.5	1.3	0.5	35	0.07	0.052
1078012	Soil	1.1	19.4	13.6	58	<0.1	25.6	12.9	301	2.58	8.4	1.5	2.1	4.2	13	0.5	1.0	0.5	36	0.14	0.048
1078004	Soil	0.9	20.5	13.3	58	<0.1	20.2	11.3	433	2.63	11.7	1.2	3.1	2.9	11	0.1	1.0	0.3	36	0.11	0.065
1078007	Soil	1.0	23.0	14.5	75	<0.1	25.0	13.3	668	2.80	10.9	1.4	2.9	4.4	12	0.3	1.1	0.3	35	0.13	0.063
1078005	Soil	1.0	25.1	12.7	67	<0.1	21.7	11.0	417	2.57	12.3	1.5	4.4	3.7	10	0.3	1.0	0.3	36	0.09	0.055
1149922	Soil	1.1	37.5	21.8	99	0.2	44.9	23.0	1013	3.33	10.0	2.7	5.9	6.6	12	0.5	2.0	0.6	26	0.13	0.046
1078002	Soil	1.1	26.7	16.4	71	<0.1	26.0	10.2	337	2.77	11.3	1.8	2.9	4.9	14	0.3	1.6	0.4	37	0.11	0.052
1078001	Soil	0.9	15.9	12.1	48	<0.1	16.1	5.0	164	2.25	8.3	1.2	1.9	1.3	10	0.4	1.2	0.4	32	0.08	0.044
1078003	Soil	1.1	24.9	15.5	68	<0.1	24.2	10.2	334	3.00	11.8	1.6	3.3	4.8	12	0.4	1.3	0.4	42	0.09	0.056
1149921	Soil	1.2	26.8	14.6	77	<0.1	25.7	11.3	430	2.77	12.5	1.5	4.2	5.0	12	0.3	1.6	0.4	34	0.13	0.060
1149919	Soil	1.0	26.4	12.2	64	<0.1	25.8	10.5	357	2.57	11.0	1.0	4.2	6.4	13	0.2	1.6	0.3	36	0.13	0.047
1149923	Soil	0.9	22.2	12.5	61	<0.1	21.2	10.7	386	2.56	11.7	1.3	4.9	3.5	11	<0.1	0.8	0.2	37	0.12	0.055
1149920	Soil	0.9	20.5	14.8	66	<0.1	22.8	9.4	351	2.68	11.1	1.0	2.5	5.1	14	0.3	1.2	0.3	33	0.15	0.052
1149925	Soil	1.4	41.0	26.1	99	<0.1	21.3	11.1	438	4.08	10.7	1.8	6.9	8.1	12	0.3	1.0	0.5	28	0.08	0.067
1149928	Soil	0.8	22.1	15.7	75	0.2	28.7	17.1	766	3.04	11.7	2.2	2.0	4.5	17	0.2	2.1	0.3	35	0.16	0.053
1149926	Soil	1.0	19.4	18.0	72	0.2	23.1	14.7	878	2.89	10.2	1.9	0.6	1.9	18	<0.1	1.8	0.3	31	0.19	0.058
1149924	Soil	0.9	22.2	12.9	61	<0.1	20.4	9.8	367	2.46	11.9	1.3	3.1	3.3	11	0.3	0.9	0.3	36	0.12	0.052
1143953	Soil	0.9	27.9	18.6	68	<0.1	24.7	11.0	329	2.75	13.5	1.4	1.7	3.3	11	0.3	0.9	0.3	31	0.09	0.049
1143951	Soil	0.7	19.5	13.5	51	<0.1	21.3	8.8	288	2.26	13.3	0.7	1.4	2.7	8	0.1	0.8	0.2	30	0.07	0.037
1149930	Soil	1.0	31.7	26.2	82	0.1	56.0	46.8	3602	4.00	16.9	4.1	3.4	8.2	11	<0.1	4.3	0.3	25	0.08	0.039
1149931	Soil	1.2	20.2	21.0	79	0.1	22.3	10.2	647	3.58	13.5	1.2	2.6	5.6	12	0.4	3.6	0.4	29	0.09	0.047

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Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS DAW11000281.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1078013	Soil	38	21	0.41	126	0.027	1	1.07	0.007	0.04	0.1	0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
1149927	Soil	25	23	0.44	87	0.025	<1	1.23	0.008	0.05	0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1078010	Soil	26	26	0.46	100	0.017	<1	1.38	0.005	0.04	0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1149917	Soil	49	22	0.39	62	0.010	<1	1.12	0.006	0.05	<0.1	0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
1149914	Soil	22	23	0.43	134	0.033	2	1.12	0.007	0.06	0.3	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
1149915	Soil	20	19	0.29	116	0.013	<1	1.19	0.006	0.04	0.1	0.06	1.0	0.1	<0.05	4	<0.5	<0.2
1078009	Soil	20	27	0.46	104	0.021	2	1.38	0.013	0.06	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1078008	Soil	21	24	0.36	66	0.017	1	1.20	0.005	0.04	0.1	0.03	1.0	<0.1	<0.05	4	0.6	<0.2
1078011	Soil	24	23	0.41	132	0.013	2	1.33	0.006	0.05	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1078006	Soil	30	23	0.39	60	0.015	2	1.17	0.004	0.04	0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1078012	Soil	25	24	0.40	129	0.016	1	1.28	0.005	0.04	0.2	0.03	2.0	<0.1	<0.05	4	0.6	<0.2
1078004	Soil	19	23	0.38	84	0.024	<1	1.22	0.004	0.04	0.2	0.04	1.8	<0.1	<0.05	4	0.7	<0.2
1078007	Soil	22	24	0.40	104	0.024	2	1.27	0.006	0.05	0.2	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1078005	Soil	20	24	0.39	112	0.029	2	1.27	0.005	0.04	0.2	0.04	2.3	<0.1	<0.05	4	0.6	<0.2
1149922	Soil	34	16	0.30	117	0.015	2	1.06	0.005	0.05	0.2	0.04	2.1	0.1	<0.05	3	<0.5	<0.2
1078002	Soil	25	26	0.44	156	0.026	<1	1.36	0.005	0.05	0.2	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
1078001	Soil	21	21	0.34	77	0.015	1	1.19	0.004	0.04	0.1	0.04	1.1	0.1	<0.05	4	<0.5	<0.2
1078003	Soil	24	28	0.47	120	0.027	1	1.54	0.005	0.05	0.2	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
1149921	Soil	18	21	0.39	119	0.025	2	1.26	0.006	0.05	0.2	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1149919	Soil	18	23	0.40	128	0.029	<1	1.28	0.005	0.06	0.2	0.03	2.5	<0.1	<0.05	3	<0.5	<0.2
1149923	Soil	17	23	0.38	150	0.025	1	1.36	0.006	0.04	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1149920	Soil	22	21	0.39	106	0.025	1	1.10	0.005	0.05	0.2	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1149925	Soil	41	24	0.60	71	0.015	<1	1.45	0.007	0.05	0.1	0.02	1.5	<0.1	<0.05	5	<0.5	<0.2
1149928	Soil	27	28	0.42	114	0.015	1	1.32	0.005	0.05	0.1	0.03	2.3	<0.1	<0.05	4	0.7	<0.2
1149926	Soil	23	21	0.37	141	0.009	1	1.40	0.006	0.04	0.1	0.05	1.3	<0.1	<0.05	4	<0.5	<0.2
1149924	Soil	17	23	0.37	144	0.025	1	1.33	0.005	0.04	0.2	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1143953	Soil	19	19	0.37	72	0.020	<1	1.28	0.004	0.04	0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1143951	Soil	15	18	0.32	81	0.019	2	1.13	0.004	0.04	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1149930	Soil	31	16	0.36	137	0.015	<1	1.16	0.004	0.04	<0.1	0.04	2.6	<0.1	<0.05	3	0.6	<0.2
1149931	Soil	31	19	0.36	90	0.013	1	1.26	0.004	0.05	0.2	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2

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Project: MHR
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS DAW11000281.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1143955	Soil		0.8	39.4	58.6	94	0.5	26.9	12.7	336	3.60	16.5	2.4	1.7	4.7	10	0.3	1.9	0.4	27	0.07	0.056
1143979	Soil		0.8	10.3	15.0	41	0.2	12.1	6.0	244	1.98	12.0	0.7	1.8	0.5	10	0.1	0.3	0.2	37	0.09	0.043
1143977	Soil		0.9	9.5	18.0	45	<0.1	12.1	4.5	171	2.41	11.3	0.6	1.8	1.1	7	0.2	0.5	0.2	41	0.07	0.043
1143975	Soil		0.7	10.7	14.2	39	<0.1	11.3	5.1	207	2.08	10.4	0.7	1.5	0.7	7	0.4	0.6	0.3	37	0.07	0.043
1143956	Soil		0.8	19.1	19.9	60	0.2	19.4	9.7	428	2.39	13.4	1.0	2.5	3.1	9	0.4	1.0	0.2	33	0.07	0.030
1143954	Soil		0.9	30.7	26.2	69	0.4	22.0	9.2	229	2.82	12.0	1.6	2.9	2.6	9	0.3	2.0	0.3	25	0.06	0.050
1143952	Soil		0.8	25.1	14.1	60	<0.1	20.2	7.1	249	2.48	11.3	1.2	2.3	2.2	12	0.2	0.9	0.3	27	0.12	0.061
1143958	Soil		0.8	28.2	15.9	60	<0.1	25.3	12.6	374	2.69	12.3	0.8	3.1	5.9	8	<0.1	0.6	0.1	36	0.06	0.021
1143976	Soil		0.8	12.5	14.2	48	<0.1	13.9	5.8	215	2.31	11.1	0.7	4.2	1.7	7	0.2	0.7	0.2	37	0.07	0.042
1143960	Soil		1.0	16.1	12.1	45	<0.1	14.6	6.4	205	2.30	11.6	0.8	2.9	2.9	7	0.3	0.7	0.2	38	0.06	0.030
1143962	Soil		0.9	13.5	12.4	46	0.2	14.5	7.4	343	2.47	14.6	0.6	2.6	2.7	7	0.3	0.9	0.2	39	0.05	0.037
1143957	Soil		0.8	17.1	13.2	53	<0.1	17.5	7.9	281	2.41	11.4	0.7	4.1	3.1	8	0.2	0.9	0.2	33	0.08	0.032
1143973	Soil		1.1	19.5	19.8	66	<0.1	21.1	10.6	281	2.90	13.5	0.8	1.5	5.8	9	0.3	0.8	0.3	43	0.06	0.032
1143961	Soil		1.3	26.8	14.7	56	<0.1	19.2	9.3	250	2.76	16.6	1.3	2.9	5.1	16	0.3	0.7	0.3	31	0.08	0.051
1143959	Soil		0.8	20.5	14.3	46	0.1	14.1	6.1	232	2.63	10.5	0.9	4.6	5.2	9	0.2	0.8	0.3	35	0.06	0.043
1143978	Soil		0.7	15.7	14.7	56	0.1	15.2	6.1	248	2.32	11.6	0.6	3.3	0.7	11	0.3	0.6	0.2	38	0.10	0.049
1143963	Soil		1.0	29.7	18.2	67	0.2	27.1	10.9	364	2.72	12.1	1.3	3.5	7.0	13	0.1	1.3	0.2	30	0.13	0.064
1143967	Soil		1.1	18.5	15.1	54	<0.1	16.9	9.7	282	2.61	12.8	1.2	2.2	6.1	10	0.2	0.7	0.2	37	0.08	0.042
1143964	Soil		1.3	30.9	26.1	59	0.4	19.8	9.0	282	2.88	18.7	1.8	1.5	8.6	19	0.3	1.0	0.4	22	0.13	0.072
1143966	Soil		0.9	18.9	14.1	68	<0.1	21.6	9.9	284	2.56	13.6	0.8	1.3	5.2	11	0.2	0.8	0.2	36	0.09	0.034
1143965	Soil		0.8	24.5	14.0	71	<0.1	29.7	13.1	332	2.46	24.1	1.0	5.2	3.3	12	0.4	0.8	0.2	34	0.11	0.050
1143972	Soil		1.1	17.6	20.2	49	<0.1	15.7	7.4	217	2.70	12.3	1.0	1.8	6.0	10	0.2	0.7	0.2	45	0.07	0.039
1143970	Soil		0.9	18.8	13.7	52	<0.1	18.5	9.0	276	2.44	11.9	0.8	2.4	4.1	11	0.2	0.8	0.2	36	0.10	0.049
1143968	Soil		1.3	17.1	18.1	53	0.2	15.8	6.5	229	2.90	14.5	0.9	5.7	6.1	10	0.2	0.7	0.3	43	0.07	0.046
1143755	Soil		1.0	18.8	19.3	59	<0.1	17.9	7.4	312	2.52	12.7	0.8	8.7	0.8	11	0.2	0.9	0.2	42	0.10	0.052
1143974	Soil		0.9	13.8	15.7	47	<0.1	14.1	6.6	234	2.41	11.3	0.7	3.3	1.1	8	0.1	0.7	0.2	39	0.06	0.042
1143969	Soil		1.0	17.7	15.2	47	0.2	12.3	5.1	175	2.22	10.9	1.1	6.0	1.3	10	0.1	0.7	0.2	35	0.07	0.049
1143971	Soil		1.0	15.0	22.0	47	<0.1	13.2	6.1	200	2.60	11.6	0.9	2.3	3.9	11	0.1	0.6	0.3	41	0.07	0.033
1143754	Soil		1.0	15.4	29.1	57	<0.1	16.0	6.6	348	2.43	12.4	0.7	1.4	0.6	9	0.2	1.0	0.2	46	0.07	0.040
1143753	Soil		0.9	23.4	20.1	63	0.1	22.4	9.5	397	2.58	15.2	0.9	3.3	2.7	9	0.1	1.4	0.4	35	0.09	0.039

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1143955	Soil	31	20	0.43	98	0.011	<1	1.49	0.004	0.05	0.1	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1143979	Soil	13	22	0.28	93	0.018	<1	1.18	0.004	0.04	0.2	0.04	0.9	0.1	<0.05	5	<0.5	<0.2
1143977	Soil	13	23	0.31	67	0.025	1	1.24	0.004	0.04	0.2	0.04	1.4	0.1	<0.05	5	<0.5	<0.2
1143975	Soil	15	21	0.28	65	0.020	1	1.16	0.004	0.04	0.2	0.03	1.1	0.1	<0.05	4	<0.5	<0.2
1143956	Soil	17	18	0.30	87	0.024	1	1.14	0.004	0.04	0.2	0.05	1.6	0.1	<0.05	4	0.7	<0.2
1143954	Soil	20	15	0.29	63	0.012	1	1.06	0.004	0.04	0.1	0.06	1.2	0.1	<0.05	3	<0.5	<0.2
1143952	Soil	18	19	0.42	81	0.018	1	1.29	0.005	0.04	0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1143958	Soil	17	21	0.38	85	0.029	1	1.32	0.004	0.05	0.2	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
1143976	Soil	14	23	0.33	89	0.023	<1	1.25	0.004	0.04	0.2	0.05	1.7	<0.1	<0.05	4	<0.5	<0.2
1143960	Soil	15	18	0.29	85	0.019	<1	1.26	0.004	0.04	0.2	0.04	1.6	<0.1	<0.05	4	0.6	<0.2
1143962	Soil	13	18	0.27	73	0.022	1	1.20	0.004	0.04	0.2	0.07	1.5	0.1	<0.05	4	<0.5	<0.2
1143957	Soil	17	18	0.32	71	0.024	<1	1.21	0.004	0.04	0.2	0.03	1.5	<0.1	<0.05	4	0.5	<0.2
1143973	Soil	16	25	0.41	94	0.028	2	1.74	0.005	0.04	0.2	0.06	2.3	0.1	<0.05	5	0.7	<0.2
1143961	Soil	25	19	0.42	96	0.022	2	1.11	0.005	0.04	0.2	0.05	1.5	<0.1	<0.05	4	0.7	<0.2
1143959	Soil	20	18	0.31	46	0.026	2	0.97	0.004	0.04	0.2	0.07	1.4	<0.1	<0.05	4	0.7	<0.2
1143978	Soil	16	20	0.33	118	0.019	1	1.23	0.005	0.04	0.1	0.06	1.1	<0.1	<0.05	5	<0.5	<0.2
1143963	Soil	33	18	0.43	108	0.029	1	1.13	0.005	0.05	0.2	0.03	2.1	0.1	<0.05	3	0.9	<0.2
1143967	Soil	18	22	0.36	92	0.030	<1	1.45	0.004	0.04	0.2	0.04	2.1	<0.1	<0.05	4	0.6	<0.2
1143964	Soil	25	17	0.45	131	0.016	<1	1.09	0.005	0.05	0.2	0.03	1.6	<0.1	<0.05	3	0.7	<0.2
1143966	Soil	18	22	0.42	123	0.028	<1	1.36	0.005	0.04	0.3	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
1143965	Soil	17	20	0.40	138	0.026	<1	1.30	0.006	0.05	0.2	0.04	1.8	<0.1	<0.05	3	<0.5	<0.2
1143972	Soil	22	24	0.37	108	0.027	1	1.55	0.004	0.04	0.2	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1143970	Soil	19	21	0.38	119	0.027	<1	1.25	0.005	0.04	0.2	0.03	2.0	<0.1	<0.05	4	0.7	<0.2
1143968	Soil	21	22	0.36	79	0.028	<1	1.18	0.005	0.04	0.2	0.05	1.6	<0.1	<0.05	5	<0.5	<0.2
1143755	Soil	17	22	0.34	89	0.019	<1	1.15	0.006	0.04	0.3	0.07	1.0	0.1	<0.05	4	0.6	<0.2
1143974	Soil	15	22	0.36	78	0.019	<1	1.30	0.004	0.03	0.1	0.03	1.3	<0.1	<0.05	5	0.6	<0.2
1143969	Soil	19	19	0.33	90	0.018	<1	1.14	0.005	0.04	0.2	0.05	1.1	<0.1	<0.05	4	<0.5	<0.2
1143971	Soil	21	23	0.38	109	0.025	<1	1.34	0.005	0.04	0.1	0.02	1.7	<0.1	<0.05	5	0.7	<0.2
1143754	Soil	14	21	0.31	78	0.023	1	1.18	0.005	0.04	0.2	0.06	1.3	0.1	<0.05	5	1.0	<0.2
1143753	Soil	16	20	0.38	90	0.024	<1	1.20	0.005	0.04	0.2	0.05	1.8	<0.1	<0.05	4	<0.5	<0.2

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Project: MHR
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS DAW11000281.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1143751	Soil		0.9	15.7	30.1	53	<0.1	16.2	6.8	266	2.24	42.0	0.7	3.4	2.2	14	0.2	1.1	0.2	31	0.08	0.044
1143752	Soil		1.0	27.5	48.0	125	1.2	54.4	20.3	2399	2.30	85.6	3.2	4.7	7.2	10	1.7	2.3	0.2	19	0.07	0.045
1099142	Soil		1.3	38.7	92.0	194	1.4	69.9	28.5	2334	3.36	58.8	5.2	9.7	10.1	18	1.8	9.3	0.3	26	0.13	0.079
1099143	Soil		1.1	27.2	36.8	82	<0.1	31.5	13.0	478	2.70	16.7	1.1	7.0	4.2	11	0.3	1.0	0.2	35	0.12	0.057
1143757	Soil		0.7	31.2	19.7	67	<0.1	24.2	9.4	313	2.76	13.9	1.2	1.8	2.7	10	0.1	1.2	0.3	33	0.07	0.042
1143756	Soil		0.7	21.5	46.2	74	0.4	22.5	9.1	479	2.39	16.8	1.3	27.1	3.4	10	0.6	2.0	0.2	31	0.07	0.032
1028356	Soil		1.1	24.0	22.0	58	0.1	18.7	7.4	215	2.52	18.8	1.2	3.2	6.0	10	0.2	4.3	0.3	30	0.08	0.044
1028355	Soil		0.9	19.0	14.8	55	<0.1	17.4	8.0	245	2.41	19.3	0.8	3.2	4.7	11	0.1	1.4	0.2	33	0.10	0.045
1098050	Soil		1.0	27.7	15.8	58	<0.1	15.8	6.0	200	2.74	7.6	1.4	2.6	7.1	10	<0.1	0.7	0.2	29	0.08	0.044
1028354	Soil		1.0	20.3	15.6	57	<0.1	17.3	7.5	220	2.66	17.7	1.0	2.8	2.5	11	0.2	1.0	0.3	38	0.08	0.052
1110984	Soil		1.2	14.3	17.5	46	0.1	13.3	5.8	302	2.68	29.1	0.7	3.6	1.8	7	0.1	1.0	0.3	41	0.06	0.046
1028357	Soil		0.9	27.1	17.5	59	<0.1	19.9	9.5	253	2.65	21.7	1.2	2.5	3.4	11	0.2	1.1	0.3	34	0.09	0.055
1028358	Soil		1.0	21.7	17.6	55	<0.1	17.5	7.7	236	2.53	43.2	0.8	4.3	2.6	9	0.2	1.8	0.2	35	0.06	0.037
1028352	Soil		0.8	23.9	15.5	53	<0.1	16.0	6.8	190	2.71	14.9	1.0	1.4	5.4	10	<0.1	0.7	0.2	31	0.08	0.046
1099449	Soil		1.0	13.6	18.5	46	<0.1	13.9	6.3	300	2.30	17.0	0.8	3.4	1.7	7	0.1	0.7	0.3	41	0.06	0.048
1079746	Soil		0.9	21.9	19.3	65	<0.1	23.8	10.1	353	2.53	16.6	1.0	2.5	4.3	9	0.3	0.9	0.2	32	0.09	0.045
1110985	Soil		0.9	40.2	25.0	83	0.2	27.2	15.3	466	2.99	23.8	2.3	4.4	8.7	12	0.2	1.3	0.3	29	0.12	0.073
1110986	Soil		0.7	23.6	10.1	56	<0.1	20.0	9.1	277	2.17	11.4	0.8	2.1	5.7	14	0.1	0.8	0.2	28	0.16	0.067
1099446	Soil		0.6	15.8	10.5	50	<0.1	14.6	6.0	230	2.00	12.5	0.6	2.0	2.7	7	0.1	0.7	0.2	29	0.08	0.043
1099448	Soil		1.0	23.8	17.1	58	<0.1	18.5	7.0	227	2.48	14.8	1.2	16.8	1.0	9	0.2	0.7	0.2	35	0.09	0.064
1079747	Soil		0.9	22.7	17.0	69	<0.1	23.3	9.8	306	2.46	13.1	1.0	6.3	3.5	10	0.2	0.8	0.2	34	0.10	0.055
1079749	Soil		1.0	25.5	20.5	75	<0.1	30.0	12.3	376	2.58	22.6	1.4	9.2	4.1	12	0.2	1.1	0.3	34	0.12	0.073
1099361	Soil		1.1	48.8	15.3	68	<0.1	29.6	17.0	300	3.87	11.9	2.3	4.8	16.0	15	0.3	0.7	0.3	31	0.04	0.044
1099362	Soil		0.8	16.8	16.3	41	<0.1	13.2	5.1	162	2.81	12.8	0.6	1.5	3.9	7	0.1	0.8	0.3	39	0.04	0.030
1099357	Soil		0.8	27.3	14.0	54	<0.1	25.5	10.2	318	2.46	13.3	1.3	2.7	2.6	8	0.1	0.9	0.2	36	0.05	0.040
1099351	Soil		1.1	25.1	15.2	70	<0.1	29.3	13.2	433	2.68	13.1	1.3	0.9	4.0	9	0.2	0.9	0.2	40	0.07	0.065
1099379	Soil		0.8	10.9	11.1	45	<0.1	13.6	8.1	301	2.30	11.4	0.8	1.6	2.5	8	0.2	0.7	0.2	39	0.07	0.040
1099376	Soil		0.9	13.5	12.7	44	<0.1	14.1	6.7	261	2.37	11.0	0.8	2.2	1.9	8	0.1	0.6	0.2	37	0.06	0.037
1099375	Soil		0.8	16.8	15.2	51	<0.1	15.8	9.0	285	2.68	13.0	1.1	1.8	2.6	9	0.1	0.9	0.2	41	0.05	0.045
1099352	Soil		1.1	19.0	14.8	57	<0.1	17.3	7.7	309	2.54	11.5	1.2	5.7	1.5	8	0.1	0.7	0.3	41	0.05	0.051

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600 - 666 Burrard St.
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Project: MHR
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS DAW11000281.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1143751	Soil		18	18	0.28	62	0.016	1	1.06	0.004	0.04	0.2	0.06	1.2	0.1	<0.05	3	<0.5	<0.2
1143752	Soil		26	12	0.20	118	0.011	<1	0.68	0.003	0.03	<0.1	0.05	2.0	0.1	<0.05	2	1.0	<0.2
1099142	Soil		30	17	0.31	149	0.021	<1	1.00	0.004	0.04	0.1	0.06	2.5	0.4	<0.05	3	0.6	<0.2
1099143	Soil		25	23	0.44	73	0.027	<1	1.22	0.005	0.04	0.3	0.06	1.6	<0.1	<0.05	4	0.6	<0.2
1143757	Soil		19	21	0.46	87	0.021	<1	1.35	0.005	0.04	0.2	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1143756	Soil		17	18	0.34	103	0.024	1	1.00	0.005	0.03	0.3	0.07	1.6	0.2	<0.05	3	<0.5	<0.2
1028356	Soil		33	18	0.37	120	0.017	<1	1.23	0.004	0.05	0.1	0.04	1.7	0.1	<0.05	3	<0.5	<0.2
1028355	Soil		17	19	0.38	93	0.019	<1	1.24	0.004	0.03	0.2	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
1098050	Soil		34	22	0.54	80	0.022	<1	1.45	0.004	0.04	0.1	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1028354	Soil		22	22	0.46	104	0.022	<1	1.59	0.005	0.05	0.1	0.04	1.6	0.1	<0.05	4	0.6	<0.2
1110984	Soil		13	19	0.27	50	0.020	<1	1.02	0.004	0.03	0.2	0.03	1.1	0.1	<0.05	5	0.5	<0.2
1028357	Soil		22	21	0.47	83	0.018	<1	1.44	0.005	0.04	0.2	0.05	1.5	<0.1	<0.05	4	<0.5	<0.2
1028358	Soil		16	20	0.41	77	0.018	1	1.32	0.005	0.03	0.2	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1028352	Soil		23	21	0.51	74	0.015	<1	1.45	0.004	0.03	0.1	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2
1099449	Soil		14	18	0.25	51	0.020	<1	0.96	0.004	0.03	0.2	0.04	0.9	<0.1	<0.05	5	0.8	<0.2
1079746	Soil		18	20	0.39	102	0.018	<1	1.07	0.004	0.04	0.3	0.04	1.5	<0.1	<0.05	3	<0.5	<0.2
1110985	Soil		31	21	0.51	102	0.020	<1	1.34	0.004	0.04	0.2	0.03	1.9	<0.1	<0.05	4	0.9	<0.2
1110986	Soil		17	19	0.42	80	0.027	1	1.11	0.005	0.04	0.2	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
1099446	Soil		11	17	0.29	55	0.021	2	1.08	0.003	0.03	0.2	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1099448	Soil		16	20	0.32	57	0.018	2	1.04	0.005	0.03	0.5	0.04	0.8	<0.1	<0.05	3	<0.5	<0.2
1079747	Soil		19	19	0.37	73	0.025	2	1.06	0.004	0.04	0.2	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1079749	Soil		21	19	0.36	88	0.026	2	1.11	0.004	0.04	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1099361	Soil		37	21	0.45	83	0.024	2	1.48	0.005	0.06	<0.1	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1099362	Soil		15	19	0.27	45	0.026	1	1.17	0.003	0.03	0.2	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1099357	Soil		17	25	0.43	91	0.024	2	1.33	0.004	0.03	0.2	0.05	1.7	<0.1	<0.05	4	<0.5	<0.2
1099351	Soil		18	35	0.49	94	0.028	2	1.48	0.005	0.03	0.2	0.04	2.2	<0.1	<0.05	4	0.6	<0.2
1099379	Soil		13	23	0.37	78	0.029	2	1.41	0.004	0.03	0.2	0.04	1.8	<0.1	<0.05	4	0.7	<0.2
1099376	Soil		14	22	0.33	67	0.026	1	1.31	0.004	0.03	0.2	0.05	1.4	<0.1	<0.05	4	<0.5	<0.2
1099375	Soil		15	23	0.36	86	0.025	1	1.38	0.004	0.03	0.2	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1099352	Soil		18	25	0.38	77	0.024	1	1.39	0.004	0.03	0.1	0.03	1.4	0.1	<0.05	4	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1099381	Soil		0.7	14.2	11.2	46	<0.1	17.3	7.9	236	2.21	11.1	0.7	0.8	2.9	9	0.2	0.8	0.2	31	0.09	0.041
1099385	Soil		0.9	18.1	13.2	58	<0.1	17.3	10.0	336	2.61	11.4	1.0	1.3	2.7	11	0.2	0.7	0.2	43	0.09	0.056
1099382	Soil		1.0	16.4	16.0	48	<0.1	13.8	7.1	240	2.48	10.7	1.1	1.5	3.2	9	0.2	0.7	0.3	38	0.06	0.036
1099377	Soil		1.1	13.7	13.5	44	<0.1	14.8	7.6	202	2.56	15.2	0.9	2.3	1.5	7	0.1	1.4	0.2	38	0.05	0.035
1099383	Soil		0.9	16.6	14.7	46	<0.1	13.4	6.8	221	2.41	10.6	1.1	1.1	3.0	8	<0.1	0.7	0.3	39	0.06	0.034
1099384	Soil		1.1	19.8	13.1	61	<0.1	18.6	11.8	389	2.62	12.0	1.2	1.8	2.8	12	0.2	0.7	0.2	44	0.10	0.060
1099380	Soil		0.7	16.0	11.2	49	<0.1	18.7	8.9	249	2.24	11.7	0.8	1.7	3.2	8	0.1	0.8	0.2	30	0.09	0.040
1099378	Soil		0.7	12.5	12.5	44	<0.1	14.7	6.4	247	2.20	11.2	0.8	2.1	2.6	8	0.1	0.7	0.2	38	0.07	0.041
1078015	Soil		0.8	27.4	19.8	70	0.1	25.5	13.4	586	2.59	9.5	1.6	6.1	2.4	12	0.1	0.6	0.2	25	0.12	0.063
1078016	Soil		0.8	35.0	20.3	82	<0.1	31.5	14.0	553	3.09	13.5	1.8	1.0	7.3	9	0.1	0.6	0.2	26	0.09	0.057
1078014	Soil		0.7	30.4	22.5	77	0.1	30.1	13.1	652	2.81	13.8	2.8	1.9	10.3	11	0.2	0.6	0.2	20	0.13	0.050
1149905	Soil		1.0	34.9	25.0	75	<0.1	24.5	12.4	311	3.33	10.8	1.8	1.2	5.7	12	0.2	2.6	0.3	28	0.06	0.050
1078152	Soil		0.8	26.5	11.6	69	<0.1	25.1	8.3	354	2.37	13.3	1.0	1.9	5.4	16	0.4	0.9	0.2	38	0.17	0.068
1149911	Soil		0.7	41.6	23.9	88	0.1	39.1	17.2	652	3.26	12.4	2.4	3.5	10.4	12	0.1	0.6	0.3	19	0.11	0.053
1078017	Soil		0.8	41.5	17.4	89	<0.1	38.0	15.5	554	3.51	11.8	2.0	0.8	10.0	11	<0.1	0.6	0.2	25	0.13	0.069
1078018	Soil		0.8	23.2	15.2	63	<0.1	19.2	7.7	316	2.68	16.3	1.3	3.3	2.6	9	0.1	0.7	0.2	35	0.09	0.049
1078154	Soil		0.7	21.2	10.4	57	0.1	18.1	7.4	212	2.22	9.4	1.0	1.8	3.6	16	0.1	0.6	0.2	39	0.14	0.051
1078151	Soil		0.8	27.6	10.7	63	<0.1	22.7	7.5	299	2.23	12.1	1.1	4.2	4.8	14	0.3	1.0	0.2	40	0.16	0.070
1078156	Soil		0.9	26.0	11.5	63	<0.1	20.3	8.9	278	2.26	10.7	1.2	1.9	4.9	14	0.1	0.7	0.2	35	0.12	0.046
1149941	Soil		0.8	32.0	11.4	64	<0.1	27.9	10.3	433	2.45	12.0	1.4	1.5	9.0	16	0.5	1.0	0.2	41	0.22	0.095
1078155	Soil		0.7	23.4	10.3	57	<0.1	18.8	8.3	261	2.18	10.5	1.2	2.4	4.8	17	0.1	0.7	0.2	35	0.17	0.048
1078153	Soil		0.7	29.0	8.9	62	<0.1	21.4	7.3	328	2.01	11.2	0.9	9.5	4.0	15	0.2	0.7	0.2	35	0.14	0.060
1078158	Soil		0.9	19.7	12.3	53	<0.1	19.5	8.5	245	2.19	15.1	1.2	2.1	3.7	14	0.2	0.7	0.2	36	0.16	0.060
1149940	Soil		0.7	16.1	12.6	56	<0.1	15.9	7.6	262	2.19	12.2	1.0	4.3	2.9	12	0.1	0.8	0.2	35	0.15	0.080
1143302	Soil		1.0	33.2	22.0	77	0.5	35.4	24.6	1081	2.70	49.8	1.6	5.3	5.3	10	0.4	2.1	0.3	21	0.08	0.048
1143306	Soil		1.6	16.9	16.8	53	0.2	14.7	7.1	300	3.04	12.9	0.9	2.1	3.3	8	0.2	0.8	0.4	53	0.06	0.044
1143305	Soil		0.7	30.0	19.1	71	0.2	28.9	14.1	731	2.77	20.3	1.6	4.4	5.1	9	0.2	2.4	0.3	25	0.10	0.055
1143304	Soil		1.0	22.7	18.5	73	0.2	23.7	11.3	600	2.85	21.1	1.2	33.0	1.4	9	0.2	0.7	0.3	34	0.10	0.069
1143309	Soil		0.8	19.9	11.5	57	0.2	19.1	8.7	310	2.26	16.1	1.1	4.8	2.8	10	0.2	0.7	0.2	30	0.10	0.056
1143307	Soil		1.1	18.1	14.8	54	<0.1	15.4	8.1	327	2.63	14.1	1.1	2.7	1.2	8	0.2	0.7	0.3	42	0.07	0.052

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Project: MHR
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS DAW11000281.1

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1099381	Soil		14	20	0.34	66	0.028	<1	1.15	0.004	0.03	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1099385	Soil		14	26	0.44	125	0.026	2	1.69	0.006	0.04	0.2	0.04	1.9	<0.1	<0.05	4	<0.5	<0.2
1099382	Soil		17	23	0.35	69	0.029	2	1.36	0.004	0.04	0.2	0.05	1.7	<0.1	<0.05	4	<0.5	<0.2
1099377	Soil		16	22	0.28	58	0.021	1	1.34	0.004	0.03	0.2	0.04	1.2	<0.1	<0.05	4	0.5	<0.2
1099383	Soil		16	22	0.35	69	0.029	2	1.36	0.005	0.03	0.2	0.04	1.8	<0.1	<0.05	4	<0.5	<0.2
1099384	Soil		14	27	0.46	150	0.028	2	1.86	0.007	0.04	0.2	0.04	2.3	<0.1	<0.05	4	0.5	<0.2
1099380	Soil		13	19	0.34	69	0.024	1	1.13	0.003	0.03	0.2	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
1099378	Soil		13	21	0.34	69	0.029	1	1.28	0.004	0.03	0.2	0.04	1.8	<0.1	<0.05	4	<0.5	<0.2
1078015	Soil		25	19	0.42	113	0.012	1	1.18	0.006	0.03	0.2	0.04	1.2	<0.1	<0.05	4	<0.5	<0.2
1078016	Soil		35	21	0.47	75	0.013	<1	1.30	0.003	0.03	0.1	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1078014	Soil		35	14	0.27	96	0.010	<1	0.80	0.003	0.03	0.1	0.03	1.8	<0.1	<0.05	2	<0.5	<0.2
1149905	Soil		34	20	0.41	73	0.016	<1	1.19	0.005	0.03	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1078152	Soil		22	21	0.38	220	0.041	1	1.05	0.005	0.05	0.2	0.04	2.8	<0.1	<0.05	3	<0.5	<0.2
1149911	Soil		51	18	0.39	90	0.009	<1	1.03	0.003	0.03	<0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1078017	Soil		40	25	0.57	60	0.018	<1	1.49	0.003	0.03	0.3	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1078018	Soil		26	24	0.46	72	0.022	1	1.22	0.005	0.03	0.3	0.04	1.2	<0.1	<0.05	4	<0.5	<0.2
1078154	Soil		18	25	0.46	181	0.033	1	1.33	0.006	0.04	0.2	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
1078151	Soil		21	22	0.38	129	0.041	<1	1.05	0.005	0.04	0.3	0.03	2.6	<0.1	<0.05	3	<0.5	<0.2
1078156	Soil		23	23	0.46	169	0.037	1	1.24	0.005	0.04	0.1	0.03	2.4	<0.1	<0.05	4	<0.5	<0.2
1149941	Soil		27	24	0.38	113	0.048	1	1.00	0.005	0.04	0.5	0.04	3.2	<0.1	<0.05	3	<0.5	<0.2
1078155	Soil		20	22	0.45	202	0.037	<1	1.18	0.006	0.04	0.1	0.04	2.3	<0.1	<0.05	3	<0.5	<0.2
1078153	Soil		17	18	0.35	190	0.042	<1	1.15	0.005	0.04	0.2	0.04	3.0	<0.1	<0.05	3	<0.5	<0.2
1078158	Soil		19	22	0.42	109	0.030	1	1.23	0.005	0.04	0.2	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1149940	Soil		20	22	0.37	75	0.032	<1	1.17	0.004	0.03	0.3	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
1143302	Soil		22	14	0.28	79	0.011	8	0.84	0.004	0.04	0.2	0.03	1.3	<0.1	<0.05	2	<0.5	<0.2
1143306	Soil		15	24	0.32	64	0.034	2	1.51	0.005	0.05	0.2	0.05	1.5	0.1	<0.05	6	<0.5	<0.2
1143305	Soil		23	19	0.37	106	0.016	<1	1.04	0.004	0.03	0.2	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
1143304	Soil		18	23	0.36	83	0.017	1	1.16	0.005	0.04	0.4	0.07	0.9	<0.1	0.05	4	<0.5	<0.2
1143309	Soil		17	19	0.33	105	0.019	1	0.95	0.004	0.03	0.3	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1143307	Soil		14	23	0.33	92	0.021	1	1.52	0.005	0.04	0.2	0.06	1.4	0.1	<0.05	5	0.5	<0.2

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Project: MHR
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS DAW11000281.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1143310	Soil		1.2	20.9	15.7	61	0.1	18.6	10.2	399	2.60	17.0	1.1	4.6	2.2	9	0.2	0.7	0.3	34	0.07	0.051
1143303	Soil		1.0	21.9	14.8	58	0.1	22.4	8.9	318	2.62	21.5	1.1	5.6	4.5	10	0.2	0.7	0.2	38	0.10	0.045
1149906	Soil		0.8	17.9	15.6	52	<0.1	22.2	9.2	319	2.27	12.5	0.9	1.6	3.2	7	0.2	0.7	0.2	28	0.06	0.034
1143311	Soil		1.0	17.8	13.4	58	<0.1	16.2	7.9	338	2.41	15.9	1.1	1.7	1.4	8	0.2	0.7	0.2	34	0.07	0.050
1143312	Soil		1.0	14.5	11.9	48	<0.1	12.7	6.0	257	2.25	12.0	0.9	1.0	0.8	7	0.1	0.6	0.2	36	0.06	0.061
1143308	Soil		0.8	17.2	15.8	44	0.1	14.5	6.8	284	2.37	14.6	0.9	3.3	0.9	9	0.2	0.6	0.2	33	0.07	0.051
1149908	Soil		0.8	22.4	14.5	61	<0.1	23.2	9.0	323	2.40	10.7	1.0	12.1	3.3	8	0.2	0.7	0.2	29	0.08	0.048
1149907	Soil		0.8	21.0	13.4	52	<0.1	18.7	7.6	242	2.34	9.7	0.8	1.0	2.3	7	0.1	0.6	0.2	28	0.06	0.040
1149910	Soil		0.9	30.9	21.2	65	<0.1	25.3	11.8	606	2.94	9.6	1.6	0.9	1.6	9	0.1	0.5	0.3	25	0.08	0.068
1149909	Soil		0.8	20.1	13.4	57	<0.1	19.6	7.9	301	2.19	10.1	0.9	9.9	2.2	8	0.2	0.7	0.2	32	0.09	0.048
1143766	Soil		1.1	16.9	33.6	69	0.3	16.5	6.9	301	2.47	17.9	1.0	1.9	0.7	8	0.5	0.8	0.4	37	0.06	0.055
1099146	Soil		1.0	25.7	25.8	87	0.4	25.9	16.8	638	2.35	40.9	1.8	3.0	2.8	9	0.5	3.4	0.2	16	0.05	0.052
1099145	Soil		1.2	39.3	197.3	514	3.7	82.2	41.5	5327	3.91	157.7	4.6	2.4	14.3	23	8.4	6.3	0.3	12	0.04	0.055
1099144	Soil		0.9	61.2	50.9	111	0.4	54.8	24.1	1558	3.91	22.3	2.6	6.1	11.7	13	0.6	1.0	0.6	24	0.18	0.055
1143758	Soil		1.1	42.6	28.2	78	0.2	25.1	10.1	347	3.08	9.2	1.5	3.6	6.4	10	0.3	0.8	0.4	33	0.09	0.043
1143762	Soil		1.7	25.4	23.6	54	0.3	17.3	7.7	593	2.94	16.5	1.5	3.5	0.5	8	0.1	0.9	0.4	42	0.04	0.083
1143764	Soil		0.9	23.8	21.1	71	0.1	21.2	10.7	385	2.54	14.9	1.3	3.8	3.0	9	0.3	0.8	0.2	31	0.08	0.050
1143763	Soil		1.0	23.8	30.9	64	0.2	19.2	8.1	326	2.73	20.1	1.3	2.2	1.3	10	0.2	0.8	0.3	36	0.08	0.056
1143761	Soil		0.7	30.5	22.7	65	0.1	34.8	11.7	413	2.53	46.0	1.1	5.5	2.1	8	0.3	0.8	0.2	37	0.09	0.042
1143767	Soil		1.2	14.4	34.7	58	0.1	13.5	7.4	341	2.54	15.3	0.9	1.9	1.3	7	0.3	0.7	0.4	39	0.06	0.046
1143760	Soil		0.8	22.8	20.7	60	<0.1	24.1	10.4	338	2.22	12.1	1.0	3.0	2.6	7	0.2	0.8	0.2	31	0.06	0.033
1143765	Soil		1.2	20.4	25.7	66	0.2	18.4	8.7	425	2.96	18.3	1.3	1.9	0.8	8	0.4	0.8	0.3	41	0.06	0.064
1143770	Soil		1.0	16.3	18.8	59	0.1	15.3	6.7	263	2.29	15.6	1.1	16.5	1.8	8	0.3	0.7	0.2	36	0.06	0.038
1143768	Soil		1.0	18.0	24.7	71	0.2	17.5	8.5	358	2.39	15.0	1.3	3.8	1.1	9	0.4	0.7	0.2	36	0.08	0.049
1143769	Soil		1.0	16.8	19.0	65	0.2	17.9	7.3	270	2.17	13.3	1.0	14.9	2.0	10	0.3	0.7	0.2	33	0.10	0.047
1143759	Soil		0.8	24.9	26.4	77	0.3	26.6	11.4	401	2.22	15.5	0.9	4.2	4.3	7	0.3	1.1	0.2	30	0.06	0.027
1141109	Soil		0.8	30.1	17.0	63	<0.1	26.4	9.8	357	2.66	8.9	1.4	1.8	6.2	12	0.1	0.6	0.2	27	0.12	0.053
1141105	Soil		0.9	28.1	15.0	68	<0.1	27.8	9.8	316	2.56	10.3	1.0	1.6	5.7	10	0.2	0.9	0.2	36	0.13	0.047
1141103	Soil		0.8	29.9	15.6	52	<0.1	20.2	7.1	179	2.41	8.2	1.1	1.2	3.9	8	<0.1	0.9	0.2	27	0.07	0.047
1141101	Soil		0.8	24.9	13.5	49	<0.1	16.8	6.5	192	2.41	9.5	1.0	1.3	2.7	8	<0.1	0.7	0.2	30	0.07	0.045

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1143310	Soil	18	21	0.38	123	0.019	<1	1.17	0.005	0.04	0.2	0.05	1.3	<0.1	<0.05	4	<0.5	<0.2
1143303	Soil	20	23	0.37	85	0.029	1	1.08	0.005	0.04	0.3	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
1149906	Soil	16	16	0.27	71	0.017	<1	1.07	0.004	0.03	0.2	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1143311	Soil	17	21	0.35	112	0.017	<1	1.17	0.005	0.04	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1143312	Soil	15	21	0.32	90	0.018	<1	1.19	0.004	0.03	0.2	0.03	1.0	<0.1	<0.05	4	<0.5	<0.2
1143308	Soil	17	19	0.26	100	0.015	<1	0.98	0.004	0.04	0.2	0.05	0.8	<0.1	<0.05	4	<0.5	<0.2
1149908	Soil	22	20	0.38	72	0.016	<1	1.26	0.004	0.03	0.2	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
1149907	Soil	20	18	0.33	61	0.014	<1	1.10	0.004	0.03	0.2	0.05	1.0	<0.1	<0.05	4	<0.5	<0.2
1149910	Soil	31	22	0.42	75	0.012	1	1.24	0.004	0.03	0.1	0.02	0.8	<0.1	<0.05	4	<0.5	<0.2
1149909	Soil	19	19	0.33	63	0.018	<1	1.03	0.004	0.03	0.2	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1143766	Soil	16	21	0.31	71	0.014	<1	1.14	0.004	0.04	0.2	0.04	0.7	0.1	<0.05	4	<0.5	<0.2
1099146	Soil	25	9	0.13	41	0.006	<1	0.50	0.003	0.04	0.1	0.04	0.9	0.1	<0.05	2	<0.5	<0.2
1099145	Soil	25	8	0.09	102	0.006	<1	0.44	0.002	0.03	0.2	0.03	1.6	0.2	<0.05	1	<0.5	<0.2
1099144	Soil	38	19	0.49	84	0.014	<1	1.20	0.004	0.03	0.3	0.06	2.6	0.1	<0.05	4	<0.5	<0.2
1143758	Soil	25	22	0.46	130	0.026	<1	1.26	0.006	0.04	0.2	0.04	1.7	0.1	<0.05	4	<0.5	<0.2
1143762	Soil	16	23	0.23	64	0.010	<1	1.11	0.006	0.04	0.1	0.09	0.6	0.2	0.09	5	<0.5	<0.2
1143764	Soil	18	20	0.37	100	0.018	<1	1.14	0.005	0.04	0.3	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1143763	Soil	18	22	0.32	87	0.015	<1	1.15	0.006	0.04	0.2	0.04	0.9	<0.1	<0.05	4	<0.5	<0.2
1143761	Soil	17	29	0.47	90	0.017	<1	1.17	0.005	0.03	0.2	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1143767	Soil	16	20	0.29	65	0.020	<1	1.05	0.005	0.04	0.2	0.04	1.0	0.1	<0.05	4	<0.5	<0.2
1143760	Soil	17	18	0.33	76	0.019	<1	1.03	0.004	0.03	0.2	0.03	1.2	0.1	<0.05	3	<0.5	<0.2
1143765	Soil	17	24	0.38	81	0.016	<1	1.36	0.005	0.04	0.2	0.05	0.8	0.1	0.08	5	<0.5	<0.2
1143770	Soil	16	20	0.33	88	0.021	<1	1.08	0.004	0.03	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1143768	Soil	18	21	0.34	124	0.018	1	1.12	0.004	0.04	0.2	0.04	1.0	<0.1	0.08	4	<0.5	<0.2
1143769	Soil	18	20	0.34	105	0.022	1	0.99	0.004	0.04	0.3	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1143759	Soil	18	18	0.33	75	0.022	<1	1.01	0.004	0.04	0.2	0.05	1.4	0.1	<0.05	3	<0.5	<0.2
1141109	Soil	26	20	0.41	97	0.013	<1	1.23	0.004	0.03	0.1	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1141105	Soil	21	23	0.46	87	0.029	1	1.43	0.005	0.04	0.2	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1141103	Soil	22	19	0.36	58	0.010	<1	1.21	0.004	0.02	0.1	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1141101	Soil	22	19	0.37	65	0.014	<1	1.27	0.004	0.03	0.2	0.02	1.2	<0.1	0.05	4	<0.5	<0.2

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600 - 666 Burrard St.
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Project: MHR
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS DAW11000281.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1141107	Soil	1.2	25.5	15.7	68	<0.1	21.2	8.6	295	2.41	11.9	0.9	4.3	2.4	10	0.3	1.0	0.3	40	0.09	0.068
1141106	Soil	1.1	21.3	18.0	51	<0.1	17.4	7.5	249	2.52	11.4	0.8	3.1	2.0	9	<0.1	1.0	0.3	37	0.07	0.060
1141102	Soil	0.9	31.7	19.4	65	<0.1	23.4	9.7	293	2.88	11.5	1.4	3.9	4.4	7	0.1	0.9	0.3	29	0.06	0.055
1141104	Soil	0.6	44.1	19.1	94	<0.1	37.5	16.8	661	3.74	9.4	2.3	1.6	8.7	5	<0.1	5.7	0.3	16	0.03	0.044
1141112	Soil	1.0	22.2	16.9	57	<0.1	20.9	8.0	227	2.32	22.5	0.8	2.3	2.8	9	0.1	0.7	0.2	29	0.07	0.049
1141110	Soil	0.6	44.0	24.6	93	0.1	34.8	15.4	442	3.56	31.4	2.1	4.4	10.4	11	0.1	4.8	0.4	15	0.06	0.046
1141108	Soil	0.7	25.3	18.3	49	<0.1	16.7	5.9	177	2.47	10.2	0.8	<0.5	2.8	6	0.1	0.7	0.3	28	0.06	0.051
1141111	Soil	0.6	22.0	14.0	51	<0.1	18.7	7.0	208	2.19	8.8	0.8	1.8	3.8	8	0.2	0.7	0.2	25	0.07	0.050
1141125	Soil	0.9	23.9	22.4	45	<0.1	14.9	5.1	104	2.43	7.1	1.3	1.5	2.3	6	0.1	0.6	0.3	24	0.05	0.059
1141126	Soil	1.3	58.4	31.5	75	<0.1	14.7	6.8	148	4.25	8.1	2.6	2.8	12.1	7	<0.1	0.8	0.5	21	0.02	0.047
1141130	Soil	0.7	33.4	20.8	70	<0.1	29.5	13.6	217	2.85	14.3	1.6	1.1	9.7	5	<0.1	1.4	0.2	14	0.04	0.033
1141131	Soil	1.0	38.6	24.1	71	<0.1	34.6	13.5	227	2.90	11.8	1.9	5.6	12.6	6	<0.1	0.6	0.3	16	0.04	0.033
1078021	Soil	1.0	30.7	16.8	81	0.1	29.7	11.2	482	2.74	17.7	1.6	2.7	5.4	13	0.3	0.9	0.2	37	0.16	0.086
1149934	Soil	0.9	27.6	20.7	68	0.1	20.7	16.1	685	2.89	15.6	1.8	4.7	4.0	6	0.2	0.9	0.3	30	0.06	0.059
1149932	Soil	1.1	25.6	16.9	73	<0.1	21.5	10.0	473	2.82	17.5	1.4	2.4	3.2	7	0.2	0.9	0.2	40	0.07	0.063
1078157	Soil	0.7	19.4	10.5	45	<0.1	13.1	5.3	151	1.97	10.8	1.1	2.0	3.1	9	<0.1	0.6	0.2	31	0.09	0.049
1149936	Soil	0.9	27.2	14.8	68	<0.1	22.8	9.8	244	2.37	13.5	1.4	19.6	6.3	10	0.3	1.0	0.2	34	0.13	0.070
1078019	Soil	0.9	30.0	16.7	73	0.1	23.5	10.2	391	2.59	29.3	1.6	4.7	5.8	11	0.2	0.9	0.3	32	0.12	0.066
1078022	Soil	0.9	27.5	17.8	68	0.1	22.8	8.4	336	2.81	21.3	1.4	4.0	2.2	8	0.2	0.9	0.3	33	0.07	0.063
1149933	Soil	0.9	25.6	18.1	68	<0.1	22.0	10.1	467	2.65	17.4	1.5	5.9	4.1	8	0.2	1.0	0.2	35	0.08	0.060
1149937	Soil	0.7	25.2	15.9	63	<0.1	20.6	8.9	185	2.12	10.3	1.3	6.2	6.3	10	0.2	1.0	0.2	37	0.13	0.075
1149939	Soil	0.7	20.2	11.2	55	<0.1	15.9	6.3	214	2.03	10.4	1.1	4.0	4.8	9	0.2	0.8	0.2	32	0.10	0.061
1149938	Soil	0.7	21.0	13.4	54	0.1	15.0	6.9	215	2.02	11.1	1.0	2.3	3.3	8	0.2	0.8	0.2	32	0.08	0.060
1078020	Soil	0.9	29.6	19.9	76	<0.1	25.3	11.7	495	2.81	24.6	1.4	11.2	4.4	9	0.2	0.9	0.3	32	0.08	0.067
1099372	Soil	0.9	20.5	15.8	42	<0.1	15.2	5.8	146	2.65	10.6	0.9	5.3	7.0	8	0.2	0.9	0.2	31	0.07	0.042
1099371	Soil	1.0	19.5	15.2	45	<0.1	12.6	6.5	233	2.49	10.4	1.2	1.9	4.4	10	0.1	0.7	0.3	36	0.07	0.052
1099374	Soil	1.0	11.9	14.0	42	<0.1	12.1	5.7	210	2.70	11.5	0.8	1.8	2.0	6	0.1	0.7	0.3	45	0.04	0.031
1149935	Soil	0.8	19.8	13.8	61	0.1	17.8	7.1	264	2.24	13.1	1.1	8.7	4.0	9	0.2	0.8	0.2	30	0.10	0.065
1143323	Soil	1.1	16.8	13.0	56	<0.1	15.1	8.1	301	2.40	13.4	1.0	1.4	2.3	7	0.2	0.7	0.2	41	0.06	0.051
1143316	Soil	1.2	21.7	15.4	54	<0.1	15.2	7.7	258	2.63	14.5	1.2	4.3	2.5	8	0.2	0.7	0.3	35	0.04	0.051

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Project: MHR
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS DAW11000281.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1141107	Soil	12	22	0.38	102	0.018	3	1.32	0.004	0.04	0.2	0.04	1.6	<0.1	<0.05	4	0.5	<0.2
1141106	Soil	12	21	0.34	85	0.015	1	1.27	0.004	0.03	0.2	0.04	1.2	0.1	<0.05	4	0.5	<0.2
1141102	Soil	20	18	0.36	73	0.010	2	1.28	0.003	0.03	0.2	0.05	1.3	<0.1	<0.05	3	0.6	<0.2
1141104	Soil	35	12	0.20	113	0.005	2	0.77	0.004	0.03	<0.1	0.02	1.7	0.1	<0.05	2	<0.5	<0.2
1141112	Soil	17	18	0.34	60	0.015	2	1.06	0.004	0.03	0.1	0.04	0.9	<0.1	<0.05	3	0.5	<0.2
1141110	Soil	30	11	0.20	80	0.002	2	0.69	0.005	0.03	<0.1	0.02	1.9	<0.1	<0.05	2	<0.5	<0.2
1141108	Soil	14	18	0.33	48	0.014	1	1.08	0.003	0.02	0.2	0.04	0.9	0.2	<0.05	4	0.7	<0.2
1141111	Soil	15	16	0.31	59	0.014	1	0.93	0.003	0.03	0.2	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
1141125	Soil	17	14	0.27	98	0.009	1	1.04	0.004	0.03	0.1	0.04	0.8	<0.1	<0.05	3	<0.5	<0.2
1141126	Soil	31	22	0.56	102	0.003	2	1.51	0.005	0.06	<0.1	0.02	1.7	<0.1	<0.05	5	0.6	<0.2
1141130	Soil	35	10	0.20	48	0.004	<1	0.66	0.003	0.03	<0.1	0.02	1.1	<0.1	<0.05	2	<0.5	<0.2
1141131	Soil	40	13	0.33	78	0.006	1	0.93	0.003	0.04	<0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1078021	Soil	19	24	0.42	125	0.029	2	1.11	0.005	0.04	0.5	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
1149934	Soil	23	20	0.36	107	0.017	1	1.29	0.004	0.03	0.2	0.04	1.9	<0.1	<0.05	4	<0.5	<0.2
1149932	Soil	16	26	0.42	110	0.026	1	1.33	0.004	0.03	0.3	0.04	2.1	<0.1	<0.05	4	0.6	<0.2
1078157	Soil	17	19	0.34	99	0.018	1	1.10	0.003	0.03	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1149936	Soil	20	22	0.37	80	0.028	1	1.19	0.004	0.03	0.4	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1078019	Soil	23	22	0.43	86	0.021	1	1.22	0.005	0.04	0.3	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1078022	Soil	18	22	0.38	93	0.017	1	1.16	0.004	0.03	0.3	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1149933	Soil	20	24	0.40	84	0.024	1	1.35	0.004	0.03	0.3	0.03	1.7	<0.1	<0.05	4	0.6	<0.2
1149937	Soil	21	23	0.38	86	0.029	2	1.24	0.004	0.03	0.6	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1149939	Soil	18	22	0.35	98	0.028	<1	1.22	0.004	0.03	0.4	0.04	2.3	<0.1	<0.05	3	<0.5	<0.2
1149938	Soil	15	21	0.34	99	0.019	1	1.18	0.004	0.03	0.3	0.05	1.5	<0.1	<0.05	3	<0.5	<0.2
1078020	Soil	20	22	0.43	86	0.016	<1	1.25	0.004	0.03	0.3	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1099372	Soil	14	18	0.27	59	0.022	<1	1.11	0.003	0.03	0.2	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1099371	Soil	18	21	0.35	99	0.019	<1	1.38	0.005	0.03	0.2	0.03	1.7	<0.1	<0.05	4	0.8	<0.2
1099374	Soil	12	23	0.31	64	0.022	<1	1.22	0.004	0.03	0.2	0.03	1.4	<0.1	<0.05	5	<0.5	<0.2
1149935	Soil	17	20	0.34	82	0.019	<1	1.13	0.003	0.03	0.4	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1143323	Soil	13	24	0.33	97	0.022	1	1.38	0.005	0.03	0.2	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1143316	Soil	19	22	0.35	75	0.017	<1	1.23	0.006	0.03	0.2	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1143324	Soil		1.1	15.5	12.3	51	<0.1	13.3	7.1	264	2.33	12.9	0.9	3.4	1.7	7	0.2	0.6	0.2	39	0.05	0.048
1143321	Soil		0.8	21.8	11.2	58	<0.1	17.6	7.8	259	2.33	12.7	1.0	4.9	3.1	8	0.2	0.7	0.2	32	0.08	0.053
1143328	Soil		0.8	18.7	10.2	68	<0.1	18.1	9.3	469	2.06	12.6	0.8	15.0	4.5	11	0.4	0.8	0.2	31	0.15	0.096
1143326	Soil		1.1	25.5	13.6	72	<0.1	32.2	12.9	280	2.39	15.8	1.0	6.0	4.0	12	0.3	0.9	0.2	33	0.14	0.076
1143327	Soil		1.0	25.6	14.6	70	<0.1	21.6	9.7	316	2.31	16.3	0.9	4.5	3.4	11	0.4	0.8	0.2	32	0.11	0.054
1143325	Soil		1.0	16.8	12.0	53	<0.1	15.3	7.9	321	2.27	12.0	0.9	9.8	1.5	8	0.1	0.7	0.2	34	0.08	0.079
1143332	Soil		1.0	12.9	10.3	50	<0.1	15.1	13.2	627	1.99	10.5	0.5	1.2	1.7	6	0.2	0.6	0.1	38	0.06	0.032
1143330	Soil		0.7	12.8	9.7	54	0.2	17.1	6.3	249	1.90	11.0	0.8	13.7	1.2	12	0.1	0.3	0.2	36	0.13	0.054
1143331	Soil		1.0	18.8	14.0	63	0.1	23.2	10.0	368	2.18	15.6	0.9	5.7	2.7	13	0.3	0.6	0.2	33	0.17	0.062
1143329	Soil		1.0	15.6	9.4	68	0.1	18.3	7.0	311	2.27	11.9	1.0	1.6	1.1	9	0.1	0.4	0.2	45	0.10	0.061
1143301	Soil		1.0	19.5	11.4	50	0.1	21.0	9.4	277	2.27	38.1	0.8	3.9	2.5	10	0.1	0.8	0.2	36	0.11	0.044
1143333	Soil		1.1	16.8	14.7	74	<0.1	19.9	11.3	536	2.37	10.9	0.7	<0.5	2.0	11	0.3	0.7	0.2	38	0.13	0.065
1143334	Soil		0.8	15.4	13.5	58	<0.1	18.2	6.6	227	2.19	10.4	0.7	2.1	2.7	10	0.3	0.6	0.2	36	0.11	0.058
1143335	Soil		0.9	11.1	33.1	82	0.3	17.0	8.8	410	2.00	23.8	0.9	1.8	1.1	8	0.5	0.6	0.2	37	0.08	0.045
1143775	Soil		1.0	17.4	12.2	51	0.2	16.5	8.3	286	2.26	14.5	1.1	4.8	2.0	9	0.2	0.6	0.2	39	0.08	0.037
1143772	Soil		1.1	18.0	16.1	62	0.1	18.4	8.6	302	2.16	12.9	1.0	4.1	2.3	10	0.4	0.7	0.2	35	0.10	0.052
1143778	Soil		1.0	16.5	11.9	69	0.1	18.4	9.9	406	2.41	12.0	1.0	57.9	1.5	9	0.2	0.7	0.2	42	0.09	0.046
1143774	Soil		1.0	18.3	14.1	59	0.2	19.1	9.0	288	2.32	14.0	0.9	1.5	1.7	10	0.3	0.7	0.2	38	0.11	0.055
1143777	Soil		0.9	30.3	14.1	87	0.2	38.8	12.9	372	2.36	14.9	1.1	16.2	5.9	13	0.5	0.9	0.2	36	0.17	0.073
1143771	Soil		1.2	16.7	19.1	64	<0.1	17.7	8.3	277	2.37	15.7	0.9	6.6	3.2	9	0.2	0.7	0.2	41	0.08	0.043
1143776	Soil		0.9	21.0	14.4	65	0.3	23.1	12.9	390	2.31	13.5	1.4	34.1	1.8	9	0.2	0.7	0.2	40	0.10	0.049
1143773	Soil		1.1	15.0	17.6	53	<0.1	14.2	6.3	238	2.32	14.1	0.9	2.2	1.4	7	0.2	0.6	0.3	37	0.06	0.040
1138961	Soil		0.9	15.2	15.1	64	<0.1	16.5	8.3	370	2.22	13.8	1.0	1.9	1.8	8	0.2	0.7	0.2	33	0.08	0.054
1138965	Soil		0.9	27.8	16.1	65	0.1	24.7	9.6	318	2.24	17.8	0.9	12.2	5.0	12	0.2	0.9	0.3	30	0.15	0.063
1138963	Soil		1.0	17.0	14.1	54	<0.1	16.3	6.1	182	2.36	19.0	1.0	2.5	1.3	9	0.2	1.3	0.2	32	0.08	0.044
1138966	Soil		0.9	14.2	15.0	45	<0.1	13.3	6.4	219	2.12	13.4	1.0	2.8	0.9	8	0.1	0.6	0.2	36	0.07	0.040
1138967	Soil		1.0	24.9	15.0	68	0.1	25.6	11.0	420	2.36	15.9	1.2	1.8	4.2	11	0.3	1.0	0.2	32	0.13	0.061
1138968	Soil		0.7	25.3	12.8	63	0.2	24.1	8.6	321	1.88	10.1	1.0	5.9	5.8	11	0.3	0.8	0.1	27	0.14	0.063
1138962	Soil		1.0	19.3	16.7	55	0.1	17.9	7.3	248	2.17	15.8	1.1	5.6	1.2	10	0.2	1.0	0.2	33	0.10	0.063
1138970	Soil		0.9	18.5	16.0	55	<0.1	17.9	7.0	240	2.39	16.5	1.0	3.4	2.5	9	0.2	0.6	0.2	36	0.10	0.048

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS DAW11000281.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1143324	Soil	13	22	0.30	85	0.020	<1	1.33	0.004	0.03	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1143321	Soil	16	21	0.33	88	0.024	<1	1.09	0.004	0.03	0.2	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
1143328	Soil	13	18	0.30	57	0.027	1	1.06	0.004	0.03	0.5	0.05	1.6	<0.1	<0.05	2	<0.5	<0.2
1143326	Soil	16	19	0.34	101	0.025	<1	0.97	0.004	0.03	0.3	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1143327	Soil	16	19	0.36	182	0.026	1	1.00	0.005	0.04	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1143325	Soil	12	20	0.32	62	0.013	<1	1.25	0.004	0.03	0.2	0.04	1.1	<0.1	<0.05	3	0.5	<0.2
1143332	Soil	15	20	0.28	47	0.030	<1	0.82	0.003	0.04	0.2	0.03	0.9	<0.1	<0.05	3	<0.5	<0.2
1143330	Soil	18	21	0.36	134	0.017	<1	1.12	0.004	0.04	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1143331	Soil	21	21	0.35	97	0.024	<1	1.16	0.004	0.05	0.2	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1143329	Soil	15	27	0.40	161	0.016	<1	1.54	0.004	0.05	0.2	0.04	1.5	0.1	<0.05	5	<0.5	<0.2
1143301	Soil	18	20	0.30	81	0.026	<1	1.04	0.006	0.04	0.3	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
1143333	Soil	18	23	0.35	64	0.029	<1	1.20	0.005	0.05	0.2	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1143334	Soil	15	22	0.35	64	0.030	1	1.17	0.005	0.05	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1143335	Soil	19	22	0.34	109	0.017	1	1.19	0.004	0.04	0.2	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1143775	Soil	18	22	0.34	84	0.027	<1	1.20	0.005	0.04	0.2	0.05	1.5	<0.1	<0.05	4	<0.5	<0.2
1143772	Soil	19	20	0.34	109	0.023	<1	0.99	0.005	0.04	0.3	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1143778	Soil	16	25	0.35	81	0.029	1	1.35	0.005	0.04	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1143774	Soil	17	22	0.35	83	0.027	<1	1.16	0.005	0.04	0.2	0.04	1.2	<0.1	<0.05	4	<0.5	<0.2
1143777	Soil	21	29	0.44	82	0.034	<1	1.12	0.006	0.04	0.3	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1143771	Soil	19	23	0.37	101	0.029	1	1.18	0.004	0.04	0.3	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1143776	Soil	20	22	0.35	82	0.023	<1	1.26	0.004	0.04	0.2	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1143773	Soil	16	21	0.31	88	0.021	2	1.08	0.004	0.04	0.2	0.05	1.1	<0.1	<0.05	4	<0.5	<0.2
1138961	Soil	15	20	0.31	56	0.022	2	1.24	0.004	0.04	0.2	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
1138965	Soil	19	19	0.37	77	0.028	2	0.97	0.004	0.04	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1138963	Soil	18	19	0.28	61	0.019	2	1.08	0.004	0.04	0.1	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2
1138966	Soil	17	21	0.28	93	0.018	1	1.11	0.004	0.04	0.2	0.04	0.9	<0.1	<0.05	4	<0.5	<0.2
1138967	Soil	22	20	0.36	80	0.024	2	1.03	0.005	0.04	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1138968	Soil	17	17	0.33	60	0.029	1	0.87	0.004	0.05	0.2	0.02	1.6	<0.1	<0.05	2	<0.5	<0.2
1138962	Soil	18	20	0.30	52	0.019	1	1.02	0.004	0.04	0.2	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2
1138970	Soil	19	23	0.36	77	0.025	1	1.29	0.004	0.04	0.2	0.05	1.5	<0.1	<0.05	4	<0.5	<0.2

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Project: MHR
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS DAW11000281.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1141129	Soil	1.3	47.2	36.8	113	<0.1	36.3	22.6	424	4.23	6.3	1.4	2.9	17.5	24	<0.1	1.0	0.4	6	0.07	0.022
1141132	Soil	0.9	45.1	26.6	83	<0.1	32.7	13.8	184	3.69	20.3	2.1	5.6	12.2	9	<0.1	1.0	0.3	17	0.03	0.039
1141127	Soil	0.8	53.5	24.8	106	<0.1	45.3	24.8	639	5.28	13.8	2.9	4.2	23.1	4	<0.1	1.1	0.3	13	0.01	0.033
1141128	Soil	1.2	49.1	20.0	76	<0.1	24.4	10.6	258	4.31	7.7	1.6	1.5	9.2	5	0.1	0.7	0.4	23	0.03	0.035
1141113	Soil	1.0	22.4	12.4	48	<0.1	18.8	7.7	221	2.35	10.1	0.6	2.8	2.0	8	0.1	0.8	0.2	31	0.07	0.045
1141118	Soil	1.0	24.1	14.5	59	<0.1	20.4	8.1	229	2.61	10.6	0.9	4.8	2.2	8	0.1	0.8	0.2	31	0.06	0.049
1141117	Soil	1.0	31.6	18.9	60	<0.1	24.2	14.0	281	3.08	7.9	1.0	2.1	4.0	9	<0.1	0.7	0.3	30	0.05	0.051
1141116	Soil	0.7	19.0	12.6	48	<0.1	14.6	5.1	158	2.08	9.5	0.6	3.3	2.6	7	0.1	0.6	0.2	32	0.06	0.046
1141114	Soil	0.8	22.3	14.2	55	<0.1	20.8	8.0	252	2.60	11.2	0.7	6.9	4.0	7	0.2	0.8	0.2	33	0.08	0.038
1141120	Soil	0.9	26.3	14.3	64	<0.1	24.2	9.2	234	2.97	11.3	0.9	2.5	2.5	8	0.2	0.8	0.2	27	0.07	0.050
1141115	Soil	0.9	28.6	14.9	63	<0.1	21.0	10.3	225	2.86	9.4	0.9	4.2	3.2	9	<0.1	0.8	0.2	31	0.07	0.054
1141122	Soil	0.9	40.0	30.4	84	<0.1	35.9	16.8	397	3.38	10.5	2.1	8.0	13.8	12	0.2	1.0	0.3	23	0.10	0.053
1141121	Soil	0.9	33.3	25.1	73	<0.1	33.8	19.9	428	3.28	11.0	1.5	2.4	7.9	8	0.2	0.9	0.3	26	0.04	0.033
1141124	Soil	0.9	36.4	17.4	69	0.1	22.7	8.6	182	2.91	8.3	1.9	2.7	7.1	5	<0.1	1.0	0.3	24	0.04	0.038
1141123	Soil	0.7	53.3	30.1	106	0.1	47.4	23.5	596	4.60	27.0	2.8	4.0	19.2	7	<0.1	2.1	0.3	9	0.04	0.032
1141119	Soil	0.8	14.4	12.8	36	<0.1	12.5	4.7	131	1.83	8.6	0.8	5.0	1.2	6	<0.1	0.6	0.2	26	0.05	0.039
1099370	Soil	0.7	14.5	10.1	45	<0.1	17.0	7.5	265	2.13	11.0	0.5	4.2	2.3	10	0.1	0.7	0.1	29	0.12	0.054
1099364	Soil	0.9	15.0	12.6	39	<0.1	13.4	5.9	150	2.62	13.3	0.6	2.5	4.3	5	0.1	0.7	0.2	36	0.04	0.030
1099367	Soil	1.0	21.8	12.5	51	<0.1	20.0	9.1	242	2.32	11.0	0.8	2.2	1.7	10	0.1	0.7	0.2	34	0.08	0.055
1099366	Soil	0.7	13.0	10.8	42	<0.1	14.9	6.8	226	2.51	11.7	0.5	2.9	1.2	7	0.1	0.7	0.1	35	0.07	0.044
1099363	Soil	0.9	12.0	14.3	38	<0.1	12.9	5.8	173	2.74	10.9	0.5	13.3	1.9	8	<0.1	0.6	0.2	37	0.08	0.044
1099365	Soil	0.8	20.0	11.4	51	0.1	19.8	7.4	259	2.20	11.6	0.7	1.9	2.5	9	0.2	0.7	0.2	36	0.11	0.058
1099369	Soil	0.9	18.8	12.7	57	<0.1	20.2	9.4	358	2.15	12.0	0.6	4.9	2.8	10	0.2	0.7	0.2	34	0.11	0.061
1099373	Soil	1.0	16.8	11.3	54	<0.1	17.8	9.2	295	2.48	12.2	0.7	11.7	0.8	7	0.1	0.8	0.2	41	0.06	0.044
1099355	Soil	1.1	20.8	12.8	62	<0.1	18.5	9.7	341	2.65	12.3	1.4	5.3	1.3	7	0.2	0.7	0.2	37	0.05	0.052
1099354	Soil	1.0	23.7	12.3	56	<0.1	17.7	8.3	264	2.55	10.5	1.2	1.1	1.5	7	0.2	0.7	0.2	33	0.04	0.041
1099353	Soil	1.1	24.5	14.1	59	<0.1	18.9	8.1	297	2.58	12.2	1.1	6.7	2.0	7	0.1	0.7	0.3	34	0.05	0.049
1099368	Soil	0.9	14.7	12.0	45	<0.1	13.2	5.9	179	2.25	10.5	0.7	2.2	0.8	6	<0.1	0.6	0.2	40	0.05	0.042
1099360	Soil	1.0	21.1	15.2	50	<0.1	16.7	7.4	234	2.58	10.8	0.8	3.0	2.1	6	0.2	0.6	0.3	36	0.05	0.039
1099359	Soil	1.2	15.2	13.4	53	<0.1	15.8	7.8	273	2.29	12.4	0.8	3.8	0.4	7	0.1	0.7	0.2	45	0.07	0.055

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1141129	Soil	27	5	0.07	30	<0.001	1	0.31	0.004	0.03	<0.1	0.02	1.5	<0.1	<0.05	<1	0.6	<0.2
1141132	Soil	31	15	0.39	57	0.004	<1	0.93	0.003	0.03	<0.1	0.01	1.2	<0.1	<0.05	3	0.7	<0.2
1141127	Soil	35	21	0.56	37	0.002	1	1.19	0.002	0.03	<0.1	0.01	1.5	<0.1	<0.05	4	0.8	<0.2
1141128	Soil	21	20	0.42	58	0.008	<1	1.28	0.003	0.03	0.1	0.04	1.2	<0.1	<0.05	4	1.0	<0.2
1141113	Soil	12	19	0.32	69	0.015	1	1.18	0.003	0.03	0.2	0.05	1.1	<0.1	<0.05	3	0.7	<0.2
1141118	Soil	13	21	0.38	74	0.018	<1	1.30	0.004	0.03	0.2	0.04	1.1	<0.1	<0.05	4	0.9	<0.2
1141117	Soil	17	21	0.40	87	0.016	2	1.41	0.004	0.03	0.2	0.04	1.3	<0.1	<0.05	3	1.1	<0.2
1141116	Soil	11	17	0.26	51	0.017	<1	1.10	0.003	0.03	0.2	0.05	1.2	<0.1	<0.05	3	0.7	<0.2
1141114	Soil	11	21	0.34	59	0.023	2	1.12	0.003	0.03	0.2	0.05	1.5	<0.1	0.06	3	0.6	<0.2
1141120	Soil	17	19	0.36	57	0.019	<1	1.14	0.004	0.03	0.2	0.05	1.2	<0.1	<0.05	3	<0.5	<0.2
1141115	Soil	15	20	0.38	79	0.016	1	1.41	0.004	0.04	0.2	0.05	1.4	<0.1	<0.05	4	0.7	<0.2
1141122	Soil	27	18	0.41	68	0.015	<1	1.14	0.004	0.03	0.1	0.02	1.4	<0.1	<0.05	4	0.6	<0.2
1141121	Soil	22	19	0.42	56	0.016	<1	1.24	0.004	0.03	0.2	0.03	1.1	<0.1	<0.05	4	0.9	<0.2
1141124	Soil	26	19	0.41	92	0.009	<1	1.27	0.003	0.03	0.1	0.02	1.4	<0.1	<0.05	4	0.6	<0.2
1141123	Soil	40	9	0.18	57	0.001	<1	0.80	0.003	0.04	<0.1	0.02	1.7	<0.1	<0.05	2	0.7	<0.2
1141119	Soil	12	15	0.21	47	0.014	1	0.79	0.003	0.02	0.1	0.05	0.6	<0.1	<0.05	3	0.7	<0.2
1099370	Soil	10	17	0.29	83	0.018	<1	1.04	0.004	0.03	0.2	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1099364	Soil	11	18	0.22	53	0.020	<1	1.30	0.003	0.02	0.2	0.04	1.3	<0.1	<0.05	4	1.0	<0.2
1099367	Soil	13	20	0.34	102	0.019	<1	1.34	0.004	0.03	0.2	0.04	1.4	<0.1	<0.05	4	0.7	<0.2
1099366	Soil	9	19	0.28	64	0.016	<1	1.09	0.004	0.02	0.2	0.02	1.1	<0.1	<0.05	4	0.6	<0.2
1099363	Soil	11	18	0.26	58	0.022	1	1.08	0.004	0.03	0.2	0.05	1.0	<0.1	<0.05	4	0.9	<0.2
1099365	Soil	13	19	0.30	92	0.024	1	1.00	0.004	0.03	0.3	0.04	1.4	<0.1	<0.05	4	1.1	<0.2
1099369	Soil	12	20	0.33	93	0.021	<1	1.23	0.004	0.03	0.2	0.03	1.5	<0.1	<0.05	3	0.6	<0.2
1099373	Soil	11	24	0.35	68	0.022	<1	1.37	0.004	0.03	0.2	0.04	1.2	<0.1	<0.05	4	0.7	<0.2
1099355	Soil	15	22	0.35	74	0.021	<1	1.26	0.004	0.03	0.2	0.04	1.3	<0.1	<0.05	4	0.7	<0.2
1099354	Soil	18	23	0.34	58	0.019	<1	1.08	0.003	0.03	0.2	0.03	1.2	<0.1	<0.05	4	0.9	<0.2
1099353	Soil	19	21	0.39	57	0.022	<1	1.20	0.003	0.03	0.3	0.02	1.1	<0.1	<0.05	4	0.6	<0.2
1099368	Soil	12	22	0.32	89	0.019	<1	1.28	0.003	0.02	0.2	0.02	1.2	<0.1	<0.05	5	0.7	<0.2
1099360	Soil	14	19	0.34	59	0.019	1	1.27	0.004	0.03	0.2	0.04	1.3	<0.1	<0.05	4	0.9	<0.2
1099359	Soil	11	21	0.30	73	0.020	<1	1.32	0.004	0.02	0.2	0.04	1.0	<0.1	<0.05	5	0.6	<0.2

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Project: MHR
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS DAW11000281.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1099358	Soil		1.8	52.2	41.1	86	<0.1	30.4	21.4	343	3.96	15.7	2.1	3.0	7.5	6	<0.1	1.8	0.5	23	0.03	0.051
1099356	Soil		1.3	20.2	16.7	66	0.2	19.8	9.5	376	2.65	11.2	1.2	2.9	1.2	8	0.2	0.7	0.2	41	0.08	0.052
1138971	Soil		1.0	15.9	12.2	46	<0.1	14.4	5.6	194	2.18	15.5	0.8	3.3	0.7	8	0.1	0.6	0.2	37	0.07	0.041
1099192	Soil		0.9	11.2	20.7	44	<0.1	12.1	4.4	138	2.07	14.4	0.9	17.2	0.6	7	0.2	0.7	0.2	34	0.07	0.042
1138972	Soil		1.1	20.9	12.9	68	0.1	20.1	7.7	293	2.00	15.5	1.1	2.5	2.1	11	0.3	0.8	0.4	40	0.13	0.060
1138973	Soil		0.9	12.7	12.5	38	<0.1	11.2	4.5	169	2.10	15.7	0.7	1.5	0.4	6	0.1	0.5	0.2	35	0.05	0.040
1099193	Soil		1.1	13.2	18.0	47	<0.1	13.4	5.3	201	2.26	13.6	1.0	5.9	1.7	8	0.1	1.0	0.2	35	0.07	0.041
1099194	Soil		0.8	14.5	12.4	58	0.2	16.4	8.7	434	2.26	15.5	0.9	3.9	3.3	9	0.2	0.9	0.2	31	0.10	0.055
1099196	Soil		1.0	13.0	13.9	53	0.1	15.7	7.3	268	2.86	17.9	0.7	3.0	2.8	8	0.1	0.9	0.2	37	0.07	0.039
1099195	Soil		1.1	18.7	14.6	64	<0.1	22.8	9.5	405	2.60	13.2	0.9	6.4	5.9	8	0.2	1.8	0.2	32	0.08	0.033
1143313	Soil		0.8	19.4	10.4	62	<0.1	19.3	9.6	359	2.30	12.1	1.1	2.3	4.6	10	0.3	0.7	0.2	31	0.11	0.059
1143319	Soil		1.2	16.6	13.2	57	<0.1	16.1	9.1	343	2.72	12.9	1.2	2.5	2.2	9	0.1	0.5	0.2	41	0.08	0.052
1143317	Soil		1.2	22.7	15.9	72	<0.1	22.1	13.2	549	2.99	15.9	1.6	1.9	5.3	11	0.1	0.6	0.2	37	0.10	0.056
1143318	Soil		1.0	18.9	10.9	63	<0.1	18.8	9.6	388	2.54	12.5	1.0	7.7	6.2	12	0.3	0.7	0.2	34	0.16	0.080
1143315	Soil		1.0	18.0	12.0	53	<0.1	16.0	6.4	228	2.44	12.9	1.2	5.2	2.0	9	0.2	0.6	0.2	40	0.09	0.044
1143322	Soil		0.9	19.7	11.6	58	<0.1	19.1	8.7	314	2.37	12.9	1.2	3.0	3.3	9	0.1	0.6	0.2	36	0.09	0.043
1143314	Soil		0.9	19.3	10.4	54	<0.1	17.3	6.6	241	2.30	12.1	1.2	2.0	2.4	9	0.2	0.7	0.2	36	0.10	0.052
1143320	Soil		1.0	17.0	9.3	51	<0.1	16.1	8.5	310	2.47	11.0	0.8	1.4	4.3	9	0.1	0.6	0.2	36	0.08	0.034
1138959	Soil		0.9	11.6	13.5	33	<0.1	9.4	3.7	162	1.96	10.7	0.8	5.5	0.7	7	0.1	0.7	0.2	29	0.04	0.047
1138958	Soil		0.9	15.5	15.7	67	<0.1	19.8	8.8	453	2.31	12.5	0.9	1.5	2.2	12	0.2	0.9	0.2	35	0.15	0.072
1138969	Soil		0.8	15.8	13.3	48	0.1	15.7	6.2	251	1.92	10.5	0.9	2.0	0.7	10	0.2	0.5	0.2	34	0.11	0.046
1138964	Soil		1.0	19.0	13.3	62	<0.1	20.2	7.2	242	2.22	15.3	1.1	4.4	2.9	12	0.2	0.7	0.2	33	0.12	0.057
1138952	Soil		1.1	18.5	21.9	62	0.2	18.5	9.2	425	2.77	28.3	1.2	7.7	1.4	12	0.1	1.8	0.3	41	0.09	0.052
1138955	Soil		0.8	17.3	12.8	55	<0.1	18.9	6.4	237	2.05	14.9	0.9	18.0	2.6	12	0.2	1.2	0.2	30	0.14	0.060
1138954	Soil		0.9	18.7	14.9	63	<0.1	21.6	8.8	361	2.31	16.6	0.8	9.7	3.2	12	0.3	1.0	0.2	32	0.15	0.060
1138960	Soil		0.9	25.6	13.6	75	<0.1	30.2	10.7	390	2.26	16.9	1.0	2.1	5.4	14	0.3	0.9	0.2	31	0.17	0.065
1138953	Soil		1.0	12.9	15.0	48	<0.1	12.3	6.8	398	2.61	16.6	0.7	5.1	1.1	7	0.2	0.8	0.2	43	0.06	0.045
1138956	Soil		0.8	16.7	12.6	56	<0.1	19.0	6.8	221	2.20	16.5	0.9	7.5	3.7	11	0.2	3.1	0.2	30	0.11	0.051
1138957	Soil		0.9	13.0	14.4	46	0.1	14.1	5.0	213	1.91	13.0	0.7	7.9	1.2	9	0.2	1.2	0.2	34	0.10	0.046
1138951	Soil		0.7	12.3	12.9	38	<0.1	12.8	5.5	235	2.11	12.6	0.6	1.7	0.6	7	<0.1	0.5	0.2	32	0.08	0.046

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Project: MHR
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS DAW11000281.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1099358	Soil	37	16	0.26	61	0.009	<1	0.91	0.003	0.04	<0.1	0.03	1.4	<0.1	<0.05	3	0.9	<0.2
1099356	Soil	15	23	0.38	59	0.022	<1	1.28	0.004	0.04	0.2	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1138971	Soil	12	21	0.31	78	0.016	<1	1.17	0.004	0.03	0.2	0.04	0.9	<0.1	<0.05	4	<0.5	<0.2
1099192	Soil	14	19	0.26	57	0.014	<1	1.17	0.003	0.03	0.2	0.03	0.8	0.1	<0.05	4	0.6	<0.2
1138972	Soil	14	23	0.30	67	0.025	<1	0.94	0.003	0.03	0.2	0.04	1.2	<0.1	<0.05	4	0.6	<0.2
1138973	Soil	9	20	0.26	84	0.011	<1	1.10	0.003	0.03	0.2	0.03	0.6	<0.1	<0.05	4	0.6	<0.2
1099193	Soil	19	22	0.32	61	0.021	2	1.16	0.005	0.05	0.2	0.04	1.1	0.2	<0.05	4	<0.5	<0.2
1099194	Soil	17	21	0.34	74	0.022	2	1.28	0.004	0.04	0.1	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1099196	Soil	15	28	0.34	71	0.029	2	1.75	0.004	0.04	0.2	0.07	1.7	0.2	<0.05	4	0.5	<0.2
1099195	Soil	25	19	0.30	57	0.025	1	0.99	0.004	0.04	0.2	0.03	1.5	0.2	<0.05	3	<0.5	<0.2
1143313	Soil	20	21	0.37	83	0.032	2	1.22	0.005	0.04	0.3	0.05	1.7	<0.1	<0.05	3	<0.5	<0.2
1143319	Soil	21	25	0.38	106	0.024	1	1.52	0.004	0.04	0.2	0.04	1.5	0.1	<0.05	5	<0.5	<0.2
1143317	Soil	26	26	0.45	164	0.025	1	1.69	0.005	0.05	0.2	0.02	2.0	<0.1	<0.05	5	<0.5	<0.2
1143318	Soil	22	22	0.40	73	0.033	1	1.22	0.005	0.06	0.2	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
1143315	Soil	21	24	0.36	111	0.031	2	1.36	0.006	0.04	0.2	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
1143322	Soil	19	23	0.39	137	0.030	1	1.47	0.006	0.04	0.2	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
1143314	Soil	21	22	0.36	125	0.028	1	1.22	0.005	0.04	0.2	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
1143320	Soil	20	23	0.35	70	0.039	1	1.15	0.005	0.04	0.2	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1138959	Soil	21	17	0.19	38	0.011	<1	1.00	0.003	0.03	0.2	0.05	0.6	<0.1	<0.05	4	<0.5	<0.2
1138958	Soil	20	21	0.32	80	0.027	1	1.08	0.005	0.05	0.3	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1138969	Soil	17	21	0.33	173	0.019	<1	1.20	0.004	0.04	0.2	0.04	1.0	0.1	<0.05	4	<0.5	<0.2
1138964	Soil	20	20	0.35	96	0.025	1	1.19	0.005	0.04	0.2	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2
1138952	Soil	23	25	0.38	148	0.019	1	1.53	0.005	0.06	0.2	0.03	1.5	0.1	<0.05	5	<0.5	<0.2
1138955	Soil	20	19	0.32	71	0.030	1	0.98	0.005	0.05	0.2	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
1138954	Soil	18	19	0.33	70	0.030	1	0.98	0.005	0.05	0.2	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
1138960	Soil	20	20	0.36	78	0.034	2	1.08	0.006	0.05	0.3	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1138953	Soil	16	20	0.25	53	0.031	1	1.18	0.004	0.05	0.2	0.04	1.1	<0.1	<0.05	4	<0.5	<0.2
1138956	Soil	18	19	0.30	62	0.025	<1	0.95	0.004	0.04	0.2	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
1138957	Soil	15	19	0.26	58	0.023	1	0.97	0.005	0.04	0.3	0.04	1.0	<0.1	<0.05	4	<0.5	<0.2
1138951	Soil	16	18	0.25	50	0.010	<1	0.99	0.003	0.03	0.1	0.02	0.6	<0.1	<0.05	4	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1099190	Soil	0.9	16.8	13.3	53	<0.1	15.9	8.9	372	2.30	20.2	1.1	1.8	1.0	9	0.2	0.6	0.2	36	0.09	0.048
1099189	Soil	0.7	15.2	9.6	48	<0.1	14.4	5.6	195	1.94	11.8	0.8	2.3	1.5	9	0.2	0.6	0.2	30	0.11	0.048
1099188	Soil	0.8	11.9	13.9	44	<0.1	13.1	5.5	194	2.02	14.2	0.7	2.2	1.1	9	<0.1	0.5	0.2	35	0.09	0.042
1099191	Soil	0.8	11.4	12.1	37	<0.1	10.9	4.8	176	1.90	15.4	0.7	3.0	0.5	9	0.1	0.6	0.2	35	0.08	0.036
1099435	Soil	1.0	54.4	112.1	138	1.5	40.6	21.4	1039	4.04	26.1	2.9	3.1	5.9	11	0.6	1.9	0.4	32	0.09	0.070
1099437	Soil	0.7	36.8	36.2	114	1.1	36.0	13.7	1001	2.89	22.0	1.0	6.6	7.9	14	0.7	1.1	0.3	26	0.26	0.057
1079745	Soil	1.0	25.4	16.4	72	<0.1	29.9	11.4	342	2.73	13.2	1.2	2.7	5.0	14	0.2	0.8	0.2	33	0.17	0.066
1079748	Soil	1.1	24.8	18.6	69	0.1	24.7	9.8	327	2.85	14.6	1.3	7.6	2.9	9	0.2	0.7	0.2	39	0.10	0.063
1099439	Soil	0.7	24.1	22.7	62	0.1	27.3	11.0	459	2.43	15.0	0.8	3.0	5.0	7	0.3	1.2	0.2	27	0.08	0.037
1099442	Soil	0.7	13.5	10.7	43	<0.1	17.6	7.3	251	2.13	11.1	0.6	7.0	2.2	9	0.1	0.6	0.1	32	0.11	0.048
1099443	Soil	0.7	28.7	19.3	57	<0.1	21.8	9.2	336	2.85	88.0	1.2	10.5	3.8	10	0.2	0.8	0.3	28	0.10	0.048
1099445	Soil	1.2	18.1	14.1	54	<0.1	18.7	7.1	232	2.63	14.3	0.9	2.3	0.7	10	0.1	0.7	0.2	49	0.10	0.060
1099441	Soil	0.8	61.1	80.5	113	0.5	51.3	28.5	966	3.99	38.9	1.7	9.2	10.5	7	0.3	3.0	1.1	20	0.07	0.050
1099440	Soil	0.9	44.8	38.9	95	0.7	37.3	22.2	445	3.60	353.5	1.6	24.7	10.0	9	0.4	8.6	0.5	19	0.04	0.041
1099434	Soil	1.0	47.1	28.6	76	0.2	26.1	10.4	428	3.39	16.5	2.6	3.2	3.4	10	0.2	1.6	0.5	35	0.07	0.063
1099436	Soil	1.1	33.6	391.8	305	3.2	29.3	15.1	954	3.33	19.5	1.7	5.9	5.5	8	1.9	2.8	0.3	39	0.07	0.044
1099447	Soil	1.0	22.4	15.0	66	<0.1	22.9	10.6	373	2.40	34.3	1.1	5.3	2.1	11	0.2	0.8	0.2	38	0.11	0.059
1099438	Soil	0.7	32.8	72.9	143	2.4	31.2	11.1	581	2.74	42.3	1.2	4.9	7.5	9	1.2	2.4	0.3	29	0.10	0.044
1099444	Soil	0.8	14.0	13.6	37	0.1	12.6	5.3	202	2.12	12.9	0.6	1.5	1.7	8	0.1	0.7	0.2	35	0.08	0.041

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS DAW11000281.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1099190	Soil	18	22	0.34	84	0.024	1	1.32	0.004	0.05	0.2	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
1099189	Soil	16	19	0.30	69	0.026	1	1.10	0.004	0.05	0.2	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1099188	Soil	16	22	0.30	74	0.024	1	1.31	0.004	0.05	0.1	0.03	1.1	0.1	<0.05	4	<0.5	<0.2
1099191	Soil	16	20	0.26	84	0.017	1	1.12	0.004	0.04	0.1	0.05	0.8	0.1	<0.05	4	<0.5	<0.2
1099435	Soil	21	27	0.51	133	0.012	<1	1.60	0.006	0.05	0.2	0.09	1.7	0.1	<0.05	5	<0.5	<0.2
1099437	Soil	29	18	0.39	148	0.023	1	1.06	0.007	0.04	0.2	0.06	2.7	0.1	<0.05	3	<0.5	<0.2
1079745	Soil	28	21	0.40	70	0.034	1	1.13	0.005	0.05	0.3	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1079748	Soil	21	24	0.42	109	0.022	<1	1.53	0.005	0.06	0.2	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1099439	Soil	19	19	0.34	79	0.013	<1	1.24	0.004	0.03	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1099442	Soil	14	19	0.30	93	0.020	<1	1.21	0.005	0.03	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1099443	Soil	23	20	0.32	67	0.021	1	1.19	0.004	0.04	0.4	0.06	1.2	<0.1	<0.05	3	<0.5	<0.2
1099445	Soil	17	26	0.38	96	0.020	1	1.59	0.005	0.04	0.2	0.03	1.0	0.1	<0.05	5	<0.5	<0.2
1099441	Soil	29	19	0.44	63	0.006	1	1.33	0.003	0.03	<0.1	0.03	1.7	0.1	0.05	4	<0.5	<0.2
1099440	Soil	36	16	0.33	64	0.006	3	1.12	0.004	0.05	0.1	0.03	1.5	0.1	0.05	3	0.5	<0.2
1099434	Soil	22	25	0.44	64	0.016	<1	1.31	0.005	0.04	0.3	0.06	1.3	<0.1	<0.05	4	<0.5	<0.2
1099436	Soil	19	24	0.38	68	0.025	1	1.25	0.007	0.04	0.3	0.08	1.8	0.1	<0.05	4	<0.5	<0.2
1099447	Soil	15	20	0.33	67	0.026	2	1.13	0.006	0.04	0.3	0.07	1.5	<0.1	<0.05	4	<0.5	<0.2
1099438	Soil	24	19	0.37	129	0.017	1	1.14	0.005	0.04	0.2	0.06	2.0	0.1	<0.05	3	<0.5	<0.2
1099444	Soil	12	17	0.25	60	0.025	<1	0.96	0.004	0.03	0.2	0.05	1.2	<0.1	<0.05	3	<0.5	<0.2

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Project: MHR
Report Date: October 27, 2011

QUALITY CONTROL REPORT DAW11000281.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1098331	Soil	1.5	35.8	23.5	77	<0.1	34.0	19.1	441	3.29	20.2	1.2	10.8	12.6	12	0.3	2.7	0.4	37	0.05	0.038
REP 1098331	QC	1.2	34.0	23.1	73	<0.1	31.8	18.0	413	3.12	19.0	1.2	13.2	12.5	12	0.3	2.6	0.4	35	0.05	0.037
1149917	Soil	1.5	51.4	27.0	107	<0.1	35.5	15.3	413	4.66	8.6	2.1	13.1	4.9	13	0.1	1.4	0.5	24	0.05	0.083
REP 1149917	QC	1.6	55.1	28.5	113	<0.1	37.9	16.2	427	4.91	8.4	2.1	11.4	5.9	13	0.1	1.5	0.5	24	0.05	0.085
1078003	Soil	1.1	24.9	15.5	68	<0.1	24.2	10.2	334	3.00	11.8	1.6	3.3	4.8	12	0.4	1.3	0.4	42	0.09	0.056
REP 1078003	QC	1.3	24.6	14.6	65	<0.1	23.1	9.8	326	2.90	11.7	1.6	4.1	4.8	12	0.3	1.5	0.3	40	0.08	0.056
1143979	Soil	0.8	10.3	15.0	41	0.2	12.1	6.0	244	1.98	12.0	0.7	1.8	0.5	10	0.1	0.3	0.2	37	0.09	0.043
REP 1143979	QC	1.0	9.4	14.4	41	0.3	11.8	5.8	244	1.90	12.3	0.6	1.1	0.5	10	0.3	0.5	0.2	37	0.09	0.044
1143970	Soil	0.9	18.8	13.7	52	<0.1	18.5	9.0	276	2.44	11.9	0.8	2.4	4.1	11	0.2	0.8	0.2	36	0.10	0.049
REP 1143970	QC	0.9	18.7	14.3	52	<0.1	17.2	8.7	263	2.36	11.9	0.9	2.5	4.1	11	0.2	0.7	0.2	36	0.10	0.049
1028354	Soil	1.0	20.3	15.6	57	<0.1	17.3	7.5	220	2.66	17.7	1.0	2.8	2.5	11	0.2	1.0	0.3	38	0.08	0.052
REP 1028354	QC	1.1	20.7	15.2	56	<0.1	17.5	7.3	218	2.65	17.1	0.9	2.1	3.2	10	0.2	1.1	0.2	36	0.07	0.049
1099382	Soil	1.0	16.4	16.0	48	<0.1	13.8	7.1	240	2.48	10.7	1.1	1.5	3.2	9	0.2	0.7	0.3	38	0.06	0.036
REP 1099382	QC	1.1	17.4	16.4	49	<0.1	13.9	7.2	243	2.51	11.0	1.1	2.1	3.5	8	0.2	0.7	0.3	39	0.06	0.035
1078158	Soil	0.9	19.7	12.3	53	<0.1	19.5	8.5	245	2.19	15.1	1.2	2.1	3.7	14	0.2	0.7	0.2	36	0.16	0.060
REP 1078158	QC	1.0	20.2	12.3	56	<0.1	18.7	8.5	246	2.23	15.2	1.2	2.3	3.5	15	0.1	0.6	0.2	36	0.16	0.057
1099146	Soil	1.0	25.7	25.8	87	0.4	25.9	16.8	638	2.35	40.9	1.8	3.0	2.8	9	0.5	3.4	0.2	16	0.05	0.052
REP 1099146	QC	1.1	26.5	26.0	88	0.4	26.2	17.3	651	2.37	41.8	1.8	1.7	2.8	9	0.5	3.5	0.2	17	0.05	0.051
1143764	Soil	0.9	23.8	21.1	71	0.1	21.2	10.7	385	2.54	14.9	1.3	3.8	3.0	9	0.3	0.8	0.2	31	0.08	0.050
REP 1143764	QC	0.9	23.9	21.3	71	0.1	21.8	11.2	395	2.57	14.8	1.3	3.0	2.7	9	0.3	0.8	0.2	33	0.08	0.048
1141111	Soil	0.6	22.0	14.0	51	<0.1	18.7	7.0	208	2.19	8.8	0.8	1.8	3.8	8	0.2	0.7	0.2	25	0.07	0.050
REP 1141111	QC	0.7	22.1	14.3	52	<0.1	18.9	7.1	209	2.12	8.8	0.8	2.3	3.8	8	0.1	0.8	0.2	25	0.08	0.049
1143323	Soil	1.1	16.8	13.0	56	<0.1	15.1	8.1	301	2.40	13.4	1.0	1.4	2.3	7	0.2	0.7	0.2	41	0.06	0.051
REP 1143323	QC	1.0	17.1	12.4	56	<0.1	14.6	8.3	295	2.37	13.1	1.0	2.6	2.3	7	0.2	0.6	0.2	39	0.06	0.051
1143329	Soil	1.0	15.6	9.4	68	0.1	18.3	7.0	311	2.27	11.9	1.0	1.6	1.1	9	0.1	0.4	0.2	45	0.10	0.061
REP 1143329	QC	1.0	15.2	8.6	63	0.1	18.4	7.1	313	2.23	11.9	0.9	1.6	0.9	9	0.1	0.4	0.2	42	0.10	0.062
1138965	Soil	0.9	27.8	16.1	65	0.1	24.7	9.6	318	2.24	17.8	0.9	12.2	5.0	12	0.2	0.9	0.3	30	0.15	0.063
REP 1138965	QC	0.9	26.9	16.4	65	0.1	24.6	9.8	322	2.26	18.1	0.9	3.9	5.0	12	0.2	0.8	0.2	30	0.15	0.065

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Project: MHR
Report Date: October 27, 2011

QUALITY CONTROL REPORT DAW11000281.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1098331	Soil	33	23	0.46	69	0.017	<1	1.79	0.004	0.05	0.1	0.03	1.8	0.1	<0.05	5	<0.5	<0.2
REP 1098331	QC	33	23	0.45	68	0.016	<1	1.81	0.005	0.04	0.1	0.03	1.8	<0.1	<0.05	5	<0.5	<0.2
1149917	Soil	49	22	0.39	62	0.010	<1	1.12	0.006	0.05	<0.1	0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
REP 1149917	QC	50	23	0.41	63	0.009	<1	1.14	0.006	0.05	<0.1	0.01	1.4	<0.1	<0.05	4	<0.5	<0.2
1078003	Soil	24	28	0.47	120	0.027	1	1.54	0.005	0.05	0.2	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
REP 1078003	QC	24	27	0.47	124	0.030	2	1.53	0.005	0.05	0.1	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
1143979	Soil	13	22	0.28	93	0.018	<1	1.18	0.004	0.04	0.2	0.04	0.9	0.1	<0.05	5	<0.5	<0.2
REP 1143979	QC	14	21	0.30	92	0.019	2	1.21	0.004	0.04	0.2	0.04	0.9	0.1	<0.05	5	<0.5	<0.2
1143970	Soil	19	21	0.38	119	0.027	<1	1.25	0.005	0.04	0.2	0.03	2.0	<0.1	<0.05	4	0.7	<0.2
REP 1143970	QC	18	21	0.38	121	0.026	<1	1.29	0.005	0.04	0.2	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1028354	Soil	22	22	0.46	104	0.022	<1	1.59	0.005	0.05	0.1	0.04	1.6	0.1	<0.05	4	0.6	<0.2
REP 1028354	QC	20	21	0.44	99	0.015	<1	1.51	0.004	0.04	0.2	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1099382	Soil	17	23	0.35	69	0.029	2	1.36	0.004	0.04	0.2	0.05	1.7	<0.1	<0.05	4	<0.5	<0.2
REP 1099382	QC	16	23	0.37	70	0.028	<1	1.37	0.004	0.03	0.2	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1078158	Soil	19	22	0.42	109	0.030	1	1.23	0.005	0.04	0.2	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
REP 1078158	QC	19	22	0.40	110	0.031	1	1.19	0.005	0.04	0.2	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1099146	Soil	25	9	0.13	41	0.006	<1	0.50	0.003	0.04	0.1	0.04	0.9	0.1	<0.05	2	<0.5	<0.2
REP 1099146	QC	26	10	0.13	41	0.006	<1	0.51	0.003	0.04	0.1	0.05	0.8	0.1	<0.05	2	<0.5	<0.2
1143764	Soil	18	20	0.37	100	0.018	<1	1.14	0.005	0.04	0.3	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
REP 1143764	QC	20	21	0.38	101	0.019	<1	1.14	0.005	0.04	0.3	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1141111	Soil	15	16	0.31	59	0.014	1	0.93	0.003	0.03	0.2	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
REP 1141111	QC	15	16	0.32	58	0.014	2	0.92	0.004	0.03	0.3	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1143323	Soil	13	24	0.33	97	0.022	1	1.38	0.005	0.03	0.2	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
REP 1143323	QC	13	23	0.34	99	0.020	<1	1.41	0.005	0.03	0.2	0.04	1.8	<0.1	<0.05	4	<0.5	<0.2
1143329	Soil	15	27	0.40	161	0.016	<1	1.54	0.004	0.05	0.2	0.04	1.5	0.1	<0.05	5	<0.5	<0.2
REP 1143329	QC	15	24	0.40	164	0.016	<1	1.64	0.004	0.04	0.2	0.02	1.5	0.1	<0.05	5	<0.5	<0.2
1138965	Soil	19	19	0.37	77	0.028	2	0.97	0.004	0.04	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
REP 1138965	QC	19	20	0.36	77	0.028	2	0.99	0.004	0.04	0.3	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: October 27, 2011

QUALITY CONTROL REPORT DAW11000281.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1141117	Soil	1.0	31.6	18.9	60	<0.1	24.2	14.0	281	3.08	7.9	1.0	2.1	4.0	9	<0.1	0.7	0.3	30	0.05	0.051
REP 1141117	QC	1.1	31.9	18.3	61	<0.1	23.1	12.8	274	2.76	8.0	1.0	3.5	4.1	9	0.1	0.7	0.2	31	0.06	0.049
1099369	Soil	0.9	18.8	12.7	57	<0.1	20.2	9.4	358	2.15	12.0	0.6	4.9	2.8	10	0.2	0.7	0.2	34	0.11	0.061
REP 1099369	QC	0.8	17.7	12.1	55	0.3	19.6	9.3	335	2.21	11.8	0.6	8.1	2.5	9	0.2	0.7	0.2	33	0.11	0.054
1143313	Soil	0.8	19.4	10.4	62	<0.1	19.3	9.6	359	2.30	12.1	1.1	2.3	4.6	10	0.3	0.7	0.2	31	0.11	0.059
REP 1143313	QC	0.8	19.1	10.1	63	<0.1	18.6	9.5	355	2.26	11.9	1.2	1.4	4.6	10	0.2	0.7	0.2	31	0.11	0.056
1099191	Soil	0.8	11.4	12.1	37	<0.1	10.9	4.8	176	1.90	15.4	0.7	3.0	0.5	9	0.1	0.6	0.2	35	0.08	0.036
REP 1099191	QC	0.8	11.7	12.8	38	<0.1	11.0	5.0	179	1.94	15.8	0.8	2.7	0.8	9	0.1	0.6	0.2	35	0.08	0.038
Reference Materials																					
STD DS8	Standard	13.4	102.0	121.1	286	1.7	38.4	7.5	597	2.36	22.0	2.7	106.8	6.7	74	2.2	5.2	6.0	43	0.69	0.071
STD DS8	Standard	13.2	117.6	128.4	316	1.7	38.0	7.7	608	2.45	23.7	3.1	116.3	7.4	61	2.3	5.5	6.9	45	0.70	0.075
STD DS8	Standard	13.5	113.2	126.9	306	1.7	36.7	7.2	586	2.35	24.5	3.1	114.3	7.5	72	2.2	6.1	7.3	43	0.67	0.075
STD DS8	Standard	13.3	100.8	119.4	294	1.7	37.1	7.1	593	2.38	22.2	2.7	123.2	7.3	65	2.0	5.1	6.1	41	0.70	0.074
STD DS8	Standard	12.5	120.1	130.7	343	1.9	42.0	7.7	629	2.47	26.6	2.6	124.2	6.0	64	2.4	5.8	6.9	44	0.67	0.081
STD DS8	Standard	12.2	120.9	128.0	322	1.8	39.5	7.7	593	2.49	25.9	2.9	136.1	7.1	65	2.6	6.1	7.7	42	0.65	0.084
STD DS8	Standard	12.1	103.9	121.7	301	1.7	35.6	7.4	585	2.36	25.1	2.8	109.3	6.8	67	2.1	5.7	6.7	39	0.64	0.079
STD DS8	Standard	13.9	111.8	128.7	317	1.9	39.7	7.8	632	2.56	25.5	2.9	100.8	7.3	73	2.2	5.6	6.9	43	0.74	0.078
STD DS8	Standard	13.2	108.0	123.2	298	1.8	36.9	7.4	576	2.37	22.6	2.7	107.2	6.9	62	2.1	5.2	6.0	42	0.64	0.074
STD DS8	Standard	13.0	109.3	127.7	307	1.7	37.4	7.7	603	2.39	24.0	3.1	123.4	7.5	71	2.3	6.0	7.2	43	0.67	0.079
STD DS8	Standard	11.8	111.7	121.1	305	1.8	36.7	7.4	588	2.41	24.7	2.6	112.5	5.9	61	2.5	5.5	6.4	39	0.64	0.079
STD DS8	Standard	13.3	109.9	117.0	310	1.9	39.0	7.5	628	2.51	24.8	2.5	110.3	6.4	73	2.4	5.4	6.1	44	0.71	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: October 27, 2011

QUALITY CONTROL REPORT DAW11000281.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1141117	Soil	17	21	0.40	87	0.016	2	1.41	0.004	0.03	0.2	0.04	1.3	<0.1	<0.05	3	1.1	<0.2
REP 1141117	QC	17	20	0.37	89	0.016	1	1.30	0.004	0.03	0.2	0.04	1.4	<0.1	<0.05	4	0.7	<0.2
1099369	Soil	12	20	0.33	93	0.021	<1	1.23	0.004	0.03	0.2	0.03	1.5	<0.1	<0.05	3	0.6	<0.2
REP 1099369	QC	11	19	0.32	84	0.020	<1	1.11	0.003	0.02	0.2	0.03	1.5	<0.1	<0.05	3	0.7	0.4
1143313	Soil	20	21	0.37	83	0.032	2	1.22	0.005	0.04	0.3	0.05	1.7	<0.1	<0.05	3	<0.5	<0.2
REP 1143313	QC	20	20	0.36	80	0.030	1	1.11	0.004	0.05	0.2	0.06	1.7	<0.1	<0.05	3	<0.5	<0.2
1099191	Soil	16	20	0.26	84	0.017	1	1.12	0.004	0.04	0.1	0.05	0.8	0.1	<0.05	4	<0.5	<0.2
REP 1099191	QC	16	20	0.26	84	0.014	<1	1.13	0.004	0.04	0.2	0.04	0.9	0.1	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	116	0.58	262	0.125	2	1.01	0.104	0.43	3.0	0.18	2.2	5.3	0.14	5	4.7	4.7
STD DS8	Standard	16	121	0.58	254	0.114	3	0.87	0.088	0.39	2.8	0.21	2.3	5.5	0.13	5	5.1	4.8
STD DS8	Standard	15	115	0.61	288	0.121	3	0.96	0.103	0.43	3.1	0.20	2.8	5.2	0.13	5	4.3	4.8
STD DS8	Standard	17	120	0.58	273	0.114	2	0.91	0.086	0.41	3.1	0.18	2.2	5.2	0.18	5	4.7	4.7
STD DS8	Standard	13	125	0.63	273	0.106	2	0.90	0.083	0.42	3.3	0.20	1.9	5.7	0.16	5	5.2	4.8
STD DS8	Standard	12	114	0.58	260	0.099	3	0.92	0.106	0.45	3.0	0.19	2.5	5.8	0.16	5	5.7	5.1
STD DS8	Standard	14	111	0.63	267	0.111	2	0.88	0.084	0.41	3.0	0.18	2.1	5.3	0.13	5	4.8	4.6
STD DS8	Standard	16	120	0.64	284	0.122	3	0.99	0.096	0.45	3.1	0.19	2.4	5.4	0.17	5	5.2	4.9
STD DS8	Standard	16	116	0.57	263	0.113	2	0.84	0.084	0.39	2.8	0.20	2.1	5.2	0.21	5	4.8	4.6
STD DS8	Standard	16	119	0.62	283	0.125	3	0.93	0.091	0.41	3.0	0.21	2.2	5.5	0.18	4	5.5	4.5
STD DS8	Standard	12	112	0.59	260	0.103	3	0.86	0.087	0.43	3.0	0.20	2.5	5.5	0.17	5	4.5	4.7
STD DS8	Standard	17	118	0.62	281	0.125	2	0.96	0.106	0.43	2.9	0.19	2.3	5.3	0.14	5	3.8	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: October 27, 2011

QUALITY CONTROL REPORT DAW11000281.1

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

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Project: MHR
Report Date: October 27, 2011

QUALITY CONTROL REPORT DAW11000281.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: September 12, 2011
Report Date: September 25, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS DAW11000321.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-08
P.O. Number
Number of Samples: 79

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	79	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	79	Dry at 60C			WHI
1DX2	79	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 25, 2011

CERTIFICATE OF ANALYSIS DAW11000321.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1097336	Soil		1.0	14.5	36.0	71	0.2	14.3	8.3	421	2.58	52.4	0.9	16.1	1.8	15	0.5	0.7	0.4	44	0.22	0.081
1097335	Soil		0.6	27.6	31.7	72	0.2	25.8	12.4	504	2.93	69.6	1.0	16.0	6.7	10	0.2	0.8	0.4	16	0.09	0.045
1097332	Soil		0.9	16.8	70.4	93	0.3	16.4	6.7	321	2.39	38.7	0.8	4.0	6.0	8	0.6	0.7	0.4	32	0.08	0.049
1097333	Soil		0.6	12.2	45.8	52	0.1	13.0	5.4	184	1.77	18.7	0.7	10.8	3.6	7	0.2	0.5	0.3	27	0.07	0.035
1096390	Soil		1.0	18.5	15.3	49	<0.1	18.9	10.2	417	2.90	20.2	0.6	3.0	4.8	9	0.2	0.7	0.2	43	0.07	0.035
1096393	Soil		0.6	12.2	49.6	113	0.2	15.5	6.0	662	1.80	28.6	0.9	6.1	3.0	13	1.2	1.6	0.2	20	0.17	0.032
1096389	Soil		1.0	24.8	29.8	58	0.2	25.2	10.6	629	2.84	120.6	0.7	10.4	2.8	5	0.2	1.4	0.4	14	0.05	0.051
1096387	Soil		0.9	14.7	38.1	53	0.1	15.7	6.1	215	2.53	15.8	0.5	4.9	2.1	9	0.3	0.9	0.2	40	0.09	0.042
1097334	Soil		0.6	35.6	22.4	79	<0.1	36.1	15.8	1310	2.99	11.0	1.1	6.1	9.4	11	0.3	0.7	0.4	30	0.07	0.039
1199392	Soil		0.8	25.7	12.7	66	<0.1	31.5	12.6	376	2.53	12.4	0.9	2.1	4.5	18	0.2	0.4	0.3	40	0.19	0.062
1199393	Soil		0.8	26.1	13.3	69	<0.1	32.4	13.1	385	2.61	12.9	0.9	3.2	4.7	18	0.2	0.4	0.2	41	0.20	0.065
1199390	Soil		0.9	25.1	16.0	62	<0.1	33.2	13.7	461	2.60	26.9	0.7	23.5	4.9	12	0.2	0.6	0.2	44	0.13	0.057
1199394	Soil		1.0	36.1	11.4	63	0.2	30.3	10.3	321	2.59	14.4	1.2	9.0	3.6	23	0.2	0.6	0.2	44	0.24	0.078
1097150	Soil		3.3	79.3	13.4	83	0.3	76.1	22.2	978	3.51	134.4	1.8	33.6	7.0	41	0.4	1.8	0.2	75	0.38	0.179
1199389	Soil		0.6	9.7	13.6	30	0.4	10.0	3.3	86	1.69	13.9	0.4	3.2	0.8	8	0.2	0.4	0.2	43	0.06	0.031
1199391	Soil		0.8	30.4	11.7	63	0.1	29.2	11.4	383	2.54	18.0	1.0	11.3	3.4	17	0.2	0.5	0.2	45	0.19	0.069
1097149	Soil		1.4	29.5	11.2	63	0.1	21.5	9.4	459	2.50	103.4	0.9	46.4	2.0	17	0.3	1.3	0.2	43	0.16	0.088
1097148	Soil		1.5	43.8	10.9	71	0.2	30.3	9.6	470	2.76	33.8	1.2	6.7	4.6	26	0.3	0.8	0.2	50	0.27	0.110
1097147	Soil		1.5	42.9	10.7	71	0.2	30.6	10.0	446	2.79	33.6	1.2	17.6	5.0	26	0.3	0.9	0.2	50	0.27	0.113
1097144	Soil		0.8	18.5	11.1	44	<0.1	15.1	8.6	277	2.27	10.7	0.7	2.8	2.7	8	<0.1	0.5	0.2	36	0.08	0.049
1097145	Soil		1.4	27.0	14.3	51	<0.1	16.6	6.7	349	2.50	18.1	0.9	3.2	0.8	15	0.2	0.6	0.2	46	0.10	0.071
1097142	Soil		1.1	35.7	19.7	89	<0.1	25.0	12.8	632	2.74	67.9	0.8	15.0	4.6	11	0.5	0.6	0.3	37	0.10	0.056
1097143	Soil		1.4	36.6	12.5	74	0.2	26.8	11.9	543	2.84	21.2	1.4	7.7	4.3	13	0.2	0.8	0.2	50	0.13	0.075
1097140	Soil		1.3	29.9	43.9	182	0.1	26.7	13.5	811	3.00	53.4	0.9	13.9	5.3	11	1.4	0.7	0.3	43	0.10	0.051
1097141	Soil		1.5	37.7	41.5	129	0.2	28.6	16.1	1002	3.08	43.3	0.8	17.3	7.3	10	1.2	0.6	0.3	33	0.09	0.051
1097139	Soil		0.8	41.0	70.2	320	0.7	26.6	12.2	787	2.66	24.0	1.0	7.4	7.6	13	3.4	0.9	0.3	35	0.14	0.064
1097138	Soil		0.7	42.9	128.6	718	2.6	28.2	10.2	820	2.59	32.9	1.2	6.7	5.5	13	5.1	1.1	0.4	37	0.14	0.055
1097450	Soil		0.7	15.8	95.2	237	0.5	21.4	12.3	924	2.37	47.6	0.7	9.0	5.3	12	2.7	0.9	0.3	32	0.15	0.072
1097137	Soil		1.0	42.5	745.3	1022	9.4	21.9	11.8	2047	2.47	124.8	0.9	13.3	3.9	12	9.3	3.6	1.8	28	0.12	0.062
1097440	Soil		0.8	21.5	16.6	127	0.2	23.9	9.6	390	2.42	17.0	0.7	3.9	3.5	13	0.9	0.8	0.2	41	0.14	0.058

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 25, 2011

CERTIFICATE OF ANALYSIS DAW11000321.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1097336	Soil	19	25	0.34	114	0.015	1	1.36	0.006	0.04	0.2	0.04	1.6	0.2	<0.05	5	<0.5	<0.2
1097335	Soil	50	13	0.17	86	0.005	1	0.64	0.003	0.04	<0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1097332	Soil	31	20	0.32	81	0.013	1	1.22	0.004	0.05	0.2	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1097333	Soil	31	18	0.30	71	0.010	<1	1.01	0.003	0.03	0.1	0.02	1.1	0.1	<0.05	4	<0.5	<0.2
1096390	Soil	14	27	0.36	74	0.024	2	1.79	0.005	0.04	0.1	0.04	2.0	<0.1	<0.05	4	0.6	<0.2
1096393	Soil	21	13	0.24	90	0.008	1	0.90	0.004	0.05	<0.1	0.03	1.1	0.1	<0.05	3	<0.5	<0.2
1096389	Soil	38	10	0.05	67	0.002	<1	0.56	0.003	0.04	<0.1	0.02	0.7	0.1	<0.05	2	<0.5	<0.2
1096387	Soil	13	23	0.33	58	0.025	1	1.19	0.004	0.04	0.3	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1097334	Soil	43	22	0.43	145	0.021	1	1.04	0.003	0.04	0.1	0.02	3.1	0.1	<0.05	3	<0.5	<0.2
1199392	Soil	25	27	0.47	134	0.039	<1	1.36	0.008	0.10	0.2	0.02	1.8	0.2	<0.05	4	<0.5	<0.2
1199393	Soil	26	29	0.48	134	0.043	1	1.44	0.009	0.10	0.2	0.01	1.9	0.2	<0.05	4	<0.5	<0.2
1199390	Soil	23	35	0.51	89	0.040	<1	1.32	0.005	0.05	0.4	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1199394	Soil	26	31	0.52	196	0.045	<1	1.34	0.007	0.11	0.3	0.04	2.4	0.1	<0.05	4	<0.5	<0.2
1097150	Soil	27	52	1.31	309	0.052	1	1.80	0.006	0.23	0.2	0.02	4.1	0.3	<0.05	5	0.6	<0.2
1199389	Soil	11	17	0.22	67	0.026	<1	0.84	0.004	0.03	0.2	0.05	1.0	<0.1	<0.05	4	<0.5	<0.2
1199391	Soil	25	30	0.45	178	0.035	<1	1.36	0.007	0.06	0.3	0.02	2.4	0.1	<0.05	4	<0.5	<0.2
1097149	Soil	19	26	0.41	92	0.031	1	1.24	0.005	0.05	0.3	0.03	1.6	0.1	<0.05	4	<0.5	<0.2
1097148	Soil	27	31	0.66	206	0.050	1	1.27	0.006	0.11	0.3	0.03	2.7	0.2	<0.05	4	<0.5	<0.2
1097147	Soil	27	31	0.64	202	0.049	<1	1.21	0.006	0.10	0.3	0.03	2.9	0.1	<0.05	4	<0.5	<0.2
1097144	Soil	17	22	0.33	74	0.021	<1	1.34	0.004	0.03	0.2	0.04	1.9	0.1	<0.05	4	<0.5	<0.2
1097145	Soil	17	25	0.32	92	0.020	<1	1.21	0.005	0.04	0.2	0.04	1.3	0.1	<0.05	5	<0.5	<0.2
1097142	Soil	28	24	0.39	64	0.023	<1	1.28	0.004	0.03	0.2	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1097143	Soil	30	29	0.53	163	0.045	1	1.72	0.007	0.06	0.2	0.04	3.8	0.1	<0.05	5	<0.5	<0.2
1097140	Soil	31	27	0.43	128	0.028	<1	1.55	0.005	0.05	0.2	0.04	2.7	0.1	<0.05	5	<0.5	<0.2
1097141	Soil	31	25	0.45	73	0.020	<1	1.41	0.003	0.03	3.0	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1097139	Soil	30	20	0.38	143	0.033	<1	1.16	0.006	0.05	0.2	0.04	3.3	<0.1	<0.05	3	<0.5	<0.2
1097138	Soil	33	23	0.43	117	0.032	<1	1.30	0.006	0.04	0.2	0.04	3.5	0.1	<0.05	4	<0.5	<0.2
1097450	Soil	20	20	0.31	80	0.025	<1	1.02	0.004	0.05	0.3	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1097137	Soil	21	18	0.32	69	0.019	<1	1.03	0.005	0.05	0.2	0.05	1.6	0.1	<0.05	3	<0.5	<0.2
1097440	Soil	17	24	0.43	133	0.030	1	1.48	0.006	0.06	0.2	0.03	2.3	0.1	<0.05	4	<0.5	<0.2

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Project: MHR
Report Date: September 25, 2011

CERTIFICATE OF ANALYSIS DAW11000321.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1097437	Soil	0.5	13.9	38.2	69	0.2	15.8	8.7	881	2.00	13.0	0.6	<0.5	7.7	5	0.3	0.2	0.7	15	0.05	0.040
1097438	Soil	0.8	17.5	21.8	58	<0.1	16.4	7.1	423	2.32	16.1	0.7	1.0	1.7	8	0.2	0.4	0.2	30	0.08	0.051
1097447	Soil	0.8	20.4	20.4	70	0.1	20.2	9.1	356	2.40	18.8	0.8	3.5	3.1	12	0.3	0.5	0.2	42	0.13	0.050
1097449	Soil	0.6	22.9	16.7	77	<0.1	24.8	9.1	370	2.16	23.0	0.8	3.6	4.1	18	0.3	0.6	0.2	36	0.22	0.067
1097439	Soil	0.7	21.5	29.8	101	0.3	24.5	8.5	529	1.96	39.2	0.8	10.0	6.5	14	0.7	0.9	0.2	30	0.20	0.058
1097444	Soil	0.7	17.4	33.7	115	0.3	23.0	9.6	630	2.16	30.2	0.7	3.6	4.0	16	1.6	0.6	0.3	35	0.19	0.054
1097441	Soil	0.6	28.0	150.8	151	0.7	28.5	14.4	773	2.73	14.5	0.5	2.3	5.5	11	1.1	0.6	0.3	31	0.10	0.061
1097448	Soil	0.5	22.0	15.3	73	0.1	22.4	8.7	351	2.04	22.6	0.8	8.3	4.2	15	0.3	0.6	0.2	27	0.19	0.064
1097446	Soil	0.7	21.5	34.3	100	0.2	23.8	12.3	1286	2.46	30.9	0.8	4.9	5.4	17	1.6	0.5	0.3	29	0.23	0.052
1097442	Soil	0.7	25.0	16.3	159	0.2	17.8	8.4	467	2.23	11.2	0.9	4.7	2.2	13	0.8	0.5	0.3	33	0.13	0.057
1097443	Soil	0.7	17.2	54.8	345	0.6	21.0	9.6	649	2.33	23.0	0.7	4.3	4.1	11	4.5	0.7	0.3	32	0.13	0.046
1096248	Soil	0.8	43.2	15.3	64	<0.1	25.8	11.0	478	2.71	12.6	1.0	5.4	5.4	11	<0.1	0.8	0.3	34	0.09	0.043
1097265	Soil	0.7	52.1	16.0	57	0.1	27.1	10.4	596	2.42	10.2	0.7	18.4	4.5	11	0.1	0.7	0.3	30	0.11	0.055
1097268	Soil	0.2	8.3	25.0	95	0.1	39.2	20.7	760	4.08	2.1	1.7	3.9	16.4	8	0.7	1.4	0.5	15	0.02	0.035
1097272	Soil	0.7	62.5	14.0	59	<0.1	22.2	9.5	433	2.41	8.5	0.9	3.1	5.1	9	0.1	0.7	0.3	30	0.09	0.053
1097269	Soil	1.7	40.2	21.1	97	0.1	32.2	17.2	1037	4.13	4.9	1.5	1.4	14.2	17	<0.1	1.0	1.3	16	0.03	0.031
1098126	Soil	0.7	34.7	12.4	54	<0.1	20.0	11.1	578	2.54	7.0	0.9	2.6	6.1	10	0.2	0.5	0.3	31	0.06	0.036
1097267	Soil	0.5	46.6	18.2	75	1.1	25.7	12.4	314	2.99	34.5	1.2	28.9	13.5	11	<0.1	15.6	0.4	18	0.04	0.041
1097271	Soil	0.7	71.0	22.3	68	<0.1	24.1	19.9	1496	2.83	6.1	1.1	5.2	5.5	8	0.2	0.8	0.4	29	0.04	0.039
1098125	Soil	1.1	35.3	16.8	47	0.1	16.2	7.4	293	2.19	9.5	0.7	2.5	3.0	9	0.1	0.7	0.2	34	0.09	0.044
1096249	Soil	0.8	21.5	14.6	48	<0.1	19.1	7.9	236	2.13	12.0	0.7	1.8	4.0	9	0.1	0.6	0.2	30	0.10	0.041
1097270	Soil	0.8	69.5	13.7	71	<0.1	29.1	14.9	965	2.86	8.9	1.1	5.0	8.0	10	0.1	0.6	0.3	34	0.08	0.044
1098129	Soil	0.9	31.4	38.4	58	0.5	18.2	7.1	318	2.23	12.1	1.0	11.2	1.7	9	0.3	0.7	0.2	34	0.09	0.055
1096250	Soil	1.3	48.6	13.6	63	0.1	25.8	14.1	826	2.63	7.4	1.1	0.9	6.4	9	0.1	0.6	0.3	31	0.06	0.036
1098131	Soil	1.0	26.2	16.3	52	0.2	16.1	7.7	489	2.23	9.7	1.0	5.6	1.1	8	<0.1	0.4	0.3	36	0.07	0.048
1098138	Soil	0.8	25.9	18.2	65	0.1	25.1	11.2	277	2.78	16.1	1.2	2.8	4.2	8	0.2	1.6	0.2	26	0.06	0.046
1098134	Soil	0.7	30.9	21.9	72	<0.1	19.1	10.6	314	3.27	10.8	1.5	1.8	13.2	7	0.2	2.8	0.3	19	0.04	0.042
1098136	Soil	1.1	26.9	16.4	69	<0.1	22.6	10.9	290	2.92	18.6	1.2	1.7	3.7	9	0.2	2.6	0.3	36	0.06	0.048
1098132	Soil	0.8	24.6	11.4	46	<0.1	16.2	5.9	191	2.06	8.4	0.8	2.0	2.0	8	0.1	0.8	0.2	30	0.08	0.042
1098135	Soil	0.9	23.5	15.0	61	<0.1	21.2	8.3	171	2.59	11.0	1.0	1.6	4.4	5	0.2	3.7	0.2	24	0.05	0.040

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1097437	Soil	32	17	0.35	22	0.007	<1	0.95	0.003	0.03	<0.1	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
1097438	Soil	25	19	0.31	82	0.011	<1	1.21	0.004	0.04	0.1	0.02	0.9	0.1	<0.05	4	<0.5	<0.2
1097447	Soil	24	23	0.39	170	0.025	<1	1.46	0.005	0.04	0.2	0.04	2.1	0.1	<0.05	4	<0.5	<0.2
1097449	Soil	23	20	0.36	139	0.030	<1	1.13	0.006	0.04	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1097439	Soil	22	18	0.32	104	0.033	1	0.92	0.006	0.06	0.2	0.02	1.7	0.1	<0.05	3	<0.5	<0.2
1097444	Soil	23	19	0.30	171	0.025	<1	1.15	0.005	0.05	0.1	0.04	1.8	0.1	<0.05	3	<0.5	<0.2
1097441	Soil	17	25	0.58	69	0.015	1	1.48	0.003	0.04	0.1	0.04	1.9	0.1	<0.05	4	0.7	<0.2
1097448	Soil	18	16	0.33	126	0.021	1	0.98	0.005	0.03	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1097446	Soil	23	19	0.36	153	0.015	<1	1.28	0.004	0.04	0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1097442	Soil	16	20	0.39	113	0.021	1	1.34	0.007	0.03	0.2	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
1097443	Soil	16	18	0.29	120	0.017	<1	1.20	0.004	0.04	0.2	0.04	1.6	<0.1	<0.05	4	0.7	<0.2
1096248	Soil	24	23	0.48	168	0.029	<1	1.39	0.006	0.04	0.2	0.03	2.5	<0.1	<0.05	4	0.5	<0.2
1097265	Soil	16	25	0.44	75	0.024	1	1.09	0.004	0.04	0.3	0.04	1.8	<0.1	<0.05	3	0.5	<0.2
1097268	Soil	61	9	0.04	64	0.004	<1	0.26	0.002	0.05	0.4	0.08	3.0	0.1	<0.05	1	<0.5	<0.2
1097272	Soil	22	19	0.37	97	0.023	<1	1.17	0.004	0.04	0.2	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1097269	Soil	65	13	0.09	54	0.004	<1	0.36	0.004	0.03	0.2	0.02	2.2	<0.1	<0.05	2	<0.5	<0.2
1098126	Soil	22	17	0.32	84	0.028	<1	1.07	0.003	0.03	0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1097267	Soil	42	13	0.16	69	0.008	<1	0.52	0.003	0.06	0.5	0.03	3.2	0.2	<0.05	2	<0.5	<0.2
1097271	Soil	32	16	0.22	97	0.014	<1	0.93	0.003	0.04	0.2	0.04	1.8	<0.1	<0.05	3	<0.5	<0.2
1098125	Soil	14	17	0.30	77	0.016	<1	1.15	0.003	0.03	0.2	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1096249	Soil	19	20	0.40	142	0.023	<1	1.17	0.004	0.03	0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1097270	Soil	35	21	0.44	151	0.030	<1	1.18	0.004	0.04	0.1	0.03	2.5	<0.1	<0.05	3	<0.5	<0.2
1098129	Soil	18	19	0.31	94	0.018	<1	1.12	0.004	0.03	0.2	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
1096250	Soil	31	21	0.49	130	0.022	<1	1.39	0.004	0.04	0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
1098131	Soil	21	21	0.34	95	0.018	<1	1.16	0.004	0.03	0.1	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
1098138	Soil	22	20	0.29	78	0.014	<1	1.07	0.004	0.03	0.1	0.03	1.4	<0.1	<0.05	3	0.6	<0.2
1098134	Soil	29	17	0.35	69	0.010	<1	1.05	0.003	0.03	<0.1	0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
1098136	Soil	20	38	0.43	100	0.024	1	1.32	0.004	0.06	0.1	0.03	1.8	<0.1	<0.05	4	0.5	<0.2
1098132	Soil	19	17	0.27	78	0.017	<1	1.08	0.003	0.03	0.1	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
1098135	Soil	22	15	0.25	51	0.013	<1	0.89	0.003	0.03	0.1	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 25, 2011

CERTIFICATE OF ANALYSIS DAW11000321.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098130	Soil	1.3	29.0	44.6	84	0.7	21.7	12.6	735	2.55	17.7	1.1	5.2	2.3	11	0.4	0.6	0.3	30	0.09	0.062
1098127	Soil	0.8	49.7	10.2	49	<0.1	16.0	6.7	298	2.06	9.6	0.8	2.4	2.6	9	<0.1	0.6	0.2	30	0.11	0.058
1098133	Soil	0.8	24.3	13.2	56	<0.1	20.5	8.2	216	2.52	10.4	1.0	3.1	5.2	7	0.1	1.6	0.2	31	0.06	0.039
1098128	Soil	0.9	37.6	32.0	62	0.5	19.0	9.2	473	2.33	10.4	1.0	5.6	2.3	11	0.3	0.6	0.2	32	0.11	0.064
1098137	Soil	0.9	20.0	14.7	56	<0.1	19.3	8.4	228	2.64	13.4	0.9	1.7	6.0	7	0.3	1.5	0.2	33	0.06	0.040
1098140	Soil	0.9	19.8	13.5	62	0.1	21.5	8.9	313	2.54	19.0	1.0	12.2	2.8	7	0.3	1.4	0.2	29	0.06	0.046
1098147	Soil	0.7	28.0	20.0	83	<0.1	33.5	15.1	502	3.28	34.4	1.6	2.6	10.5	6	0.3	1.1	0.2	18	0.06	0.044
1098143	Soil	0.9	22.6	14.5	75	<0.1	31.9	14.3	494	2.60	24.7	1.1	4.9	8.6	7	0.2	1.2	0.2	27	0.06	0.046
1098145	Soil	0.9	24.8	12.1	57	<0.1	28.3	10.9	247	2.70	27.7	1.2	5.0	7.3	5	0.1	1.1	0.2	23	0.04	0.035
1098144	Soil	1.0	22.1	13.7	74	<0.1	30.3	14.0	480	2.52	24.2	1.1	2.0	8.3	6	0.2	1.0	0.2	26	0.06	0.045
1098139	Soil	0.8	24.8	17.7	67	0.1	24.1	10.9	265	2.72	16.0	1.2	2.8	4.7	8	0.2	1.5	0.2	27	0.06	0.045
1098142	Soil	1.0	21.5	15.8	60	<0.1	20.6	8.4	233	2.70	12.7	1.1	2.2	5.0	6	<0.1	0.9	0.2	34	0.05	0.042
1098146	Soil	0.9	20.0	14.6	67	<0.1	25.3	10.4	368	2.36	19.5	0.9	1.5	4.9	9	0.3	0.8	0.2	27	0.10	0.060
1098148	Soil	0.7	29.9	20.3	92	<0.1	37.8	16.3	542	3.63	37.1	1.7	2.3	12.8	8	0.2	1.3	0.2	21	0.06	0.050
1098141	Soil	1.0	20.1	14.3	56	<0.1	21.2	8.4	273	2.60	16.7	1.0	1.0	2.6	10	0.3	1.2	0.2	42	0.09	0.053
1099187	Soil	0.8	28.3	8.8	63	<0.1	31.3	12.2	252	3.11	15.2	1.1	1.6	3.8	6	<0.1	1.1	0.3	19	0.04	0.042
1099186	Soil	0.9	25.8	13.0	64	<0.1	27.1	11.1	445	2.71	13.9	1.4	0.6	8.3	12	0.1	0.9	0.2	32	0.12	0.047
1098150	Soil	0.8	38.1	14.8	76	<0.1	28.6	12.8	404	2.78	13.2	2.0	9.7	7.6	14	0.2	0.9	0.2	39	0.14	0.060
1098149	Soil	1.0	22.5	14.2	56	<0.1	20.6	9.5	277	2.65	16.4	1.2	21.2	2.6	10	0.2	0.9	0.3	39	0.10	0.050

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Project: MHR
Report Date: September 25, 2011

CERTIFICATE OF ANALYSIS DAW11000321.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098130	Soil	21	20	0.36	83	0.016	<1	0.96	0.004	0.04	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1098127	Soil	17	17	0.32	70	0.019	<1	1.01	0.004	0.03	0.2	0.03	1.5	<0.1	<0.05	3	0.6	<0.2
1098133	Soil	21	19	0.30	107	0.019	<1	1.12	0.004	0.04	0.1	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1098128	Soil	19	18	0.31	94	0.017	<1	0.95	0.005	0.03	0.3	0.05	1.3	<0.1	<0.05	3	<0.5	<0.2
1098137	Soil	19	24	0.35	79	0.021	<1	1.27	0.004	0.04	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1098140	Soil	20	17	0.24	78	0.015	<1	0.92	0.004	0.03	0.2	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
1098147	Soil	27	13	0.18	64	0.012	<1	0.66	0.004	0.03	<0.1	0.02	1.4	<0.1	<0.05	2	<0.5	<0.2
1098143	Soil	22	21	0.25	73	0.020	<1	0.98	0.004	0.03	0.2	0.03	1.6	0.1	<0.05	3	<0.5	<0.2
1098145	Soil	26	16	0.18	79	0.011	<1	0.79	0.004	0.03	0.1	0.03	1.4	0.1	<0.05	2	<0.5	<0.2
1098144	Soil	20	20	0.24	74	0.018	<1	0.95	0.003	0.03	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1098139	Soil	22	20	0.28	78	0.014	<1	1.00	0.004	0.04	0.2	0.03	1.4	<0.1	<0.05	3	0.6	<0.2
1098142	Soil	26	25	0.32	100	0.016	<1	1.19	0.004	0.04	0.1	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
1098146	Soil	21	16	0.22	69	0.020	<1	0.84	0.005	0.04	0.2	0.04	1.3	<0.1	<0.05	3	0.6	<0.2
1098148	Soil	40	15	0.20	78	0.017	1	0.73	0.004	0.04	0.1	0.03	1.4	0.1	<0.05	2	<0.5	<0.2
1098141	Soil	21	23	0.31	111	0.028	<1	1.18	0.005	0.04	0.2	0.04	1.8	<0.1	<0.05	4	0.7	<0.2
1099187	Soil	42	14	0.16	41	0.008	<1	0.57	0.004	0.03	<0.1	0.02	1.0	<0.1	<0.05	2	<0.5	<0.2
1099186	Soil	26	20	0.30	159	0.031	<1	0.94	0.005	0.04	0.2	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
1098150	Soil	27	25	0.45	222	0.038	<1	1.39	0.007	0.06	0.2	0.04	3.4	<0.1	<0.05	4	<0.5	<0.2
1098149	Soil	23	23	0.31	117	0.027	<1	1.21	0.005	0.04	0.2	0.04	1.9	0.1	<0.05	4	0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 25, 2011

QUALITY CONTROL REPORT DAW11000321.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1096387	Soil	0.9	14.7	38.1	53	0.1	15.7	6.1	215	2.53	15.8	0.5	4.9	2.1	9	0.3	0.9	0.2	40	0.09	0.042
REP 1096387	QC	1.0	15.1	38.6	54	0.1	16.4	6.3	223	2.56	16.0	0.5	5.0	2.1	9	0.3	0.9	0.2	41	0.09	0.043
1097143	Soil	1.4	36.6	12.5	74	0.2	26.8	11.9	543	2.84	21.2	1.4	7.7	4.3	13	0.2	0.8	0.2	50	0.13	0.075
REP 1097143	QC	1.4	36.4	12.6	73	0.2	26.1	12.0	542	2.86	21.1	1.4	5.7	4.4	13	0.2	0.7	0.2	49	0.13	0.075
1097267	Soil	0.5	46.6	18.2	75	1.1	25.7	12.4	314	2.99	34.5	1.2	28.9	13.5	11	<0.1	15.6	0.4	18	0.04	0.041
REP 1097267	QC	0.4	45.7	18.2	73	1.1	25.5	12.0	312	2.95	33.6	1.2	37.8	13.4	11	<0.1	15.6	0.4	18	0.04	0.041
1098139	Soil	0.8	24.8	17.7	67	0.1	24.1	10.9	265	2.72	16.0	1.2	2.8	4.7	8	0.2	1.5	0.2	27	0.06	0.045
REP 1098139	QC	0.8	25.2	17.4	67	0.1	24.1	10.8	270	2.74	15.9	1.1	4.2	4.4	8	0.2	1.4	0.2	27	0.06	0.045
1098146	Soil	0.9	20.0	14.6	67	<0.1	25.3	10.4	368	2.36	19.5	0.9	1.5	4.9	9	0.3	0.8	0.2	27	0.10	0.060
REP 1098146	QC	1.0	20.9	14.4	65	<0.1	25.2	10.8	365	2.41	18.6	0.9	1.3	5.2	9	0.2	0.9	0.2	26	0.11	0.059
Reference Materials																					
STD DS8	Standard	14.8	118.6	126.0	321	1.8	40.7	7.8	643	2.58	24.8	3.1	110.9	7.4	72	2.2	6.2	6.7	45	0.72	0.080
STD DS8	Standard	12.2	104.4	116.8	300	1.7	35.7	7.2	585	2.35	24.0	2.6	103.5	6.2	61	2.2	5.3	6.2	40	0.63	0.077
STD DS8	Standard	13.9	118.0	123.5	320	1.8	40.5	7.9	632	2.46	25.0	2.6	113.9	5.8	66	2.3	5.8	5.9	47	0.70	0.083
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: MHR
Report Date: September 25, 2011

QUALITY CONTROL REPORT DAW11000321.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1096387	Soil	13	23	0.33	58	0.025	1	1.19	0.004	0.04	0.3	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
REP 1096387	QC	13	24	0.32	59	0.025	1	1.19	0.004	0.04	0.2	0.05	1.6	0.1	<0.05	4	0.5	<0.2
1097143	Soil	30	29	0.53	163	0.045	1	1.72	0.007	0.06	0.2	0.04	3.8	0.1	<0.05	5	<0.5	<0.2
REP 1097143	QC	30	30	0.52	167	0.046	1	1.77	0.008	0.06	0.2	0.04	3.9	0.1	<0.05	5	<0.5	<0.2
1097267	Soil	42	13	0.16	69	0.008	<1	0.52	0.003	0.06	0.5	0.03	3.2	0.2	<0.05	2	<0.5	<0.2
REP 1097267	QC	41	14	0.17	66	0.008	<1	0.53	0.003	0.05	0.5	0.02	3.3	0.2	0.06	2	0.5	<0.2
1098139	Soil	22	20	0.28	78	0.014	<1	1.00	0.004	0.04	0.2	0.03	1.4	<0.1	<0.05	3	0.6	<0.2
REP 1098139	QC	22	19	0.28	77	0.014	<1	1.02	0.004	0.04	0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
1098146	Soil	21	16	0.22	69	0.020	<1	0.84	0.005	0.04	0.2	0.04	1.3	<0.1	<0.05	3	0.6	<0.2
REP 1098146	QC	22	16	0.22	74	0.021	2	0.83	0.005	0.04	0.2	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	17	126	0.63	289	0.127	3	0.98	0.104	0.42	3.3	0.20	2.6	5.3	0.17	5	6.0	5.0
STD DS8	Standard	12	110	0.58	255	0.104	2	0.86	0.087	0.40	2.7	0.20	2.2	5.2	0.18	5	5.1	4.8
STD DS8	Standard	16	119	0.62	273	0.125	3	0.94	0.098	0.41	2.9	0.21	2.0	5.3	0.17	5	5.4	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
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www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 19, 2011
Report Date: September 24, 2011
Page: 1 of 8

CERTIFICATE OF ANALYSIS DAW11000326.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-07
P.O. Number
Number of Samples: 194

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	194	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	194	Dry at 60C			WHI
1DX2	194	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096454	Soil	0.9	27.5	25.3	66	0.3	28.5	11.3	175	2.65	10.3	2.3	3.7	2.2	15	<0.1	1.7	0.3	34	0.13	0.066
1096453	Soil	0.9	24.7	16.8	63	<0.1	21.3	8.2	202	2.51	8.4	1.3	1.7	3.4	10	0.2	1.7	0.2	32	0.07	0.048
1096455	Soil	0.8	25.3	14.3	69	<0.1	22.3	10.0	296	2.57	8.0	1.6	1.3	5.1	12	0.1	1.6	0.2	30	0.09	0.044
1096458	Soil	0.9	18.3	13.2	52	<0.1	17.4	6.5	196	2.16	9.5	1.1	5.4	2.8	10	0.1	1.0	0.2	29	0.09	0.040
1096456	Soil	0.7	19.7	12.7	57	<0.1	18.5	8.4	227	2.25	7.0	1.3	0.9	2.4	12	0.1	1.1	0.2	29	0.11	0.046
1096457	Soil	0.9	28.2	13.4	69	<0.1	27.9	10.8	332	2.62	10.2	2.0	2.9	6.4	16	0.1	1.1	0.2	41	0.18	0.071
1096459	Soil	0.9	21.7	16.0	53	<0.1	19.4	7.8	226	2.32	10.0	1.5	1.6	4.3	9	<0.1	1.7	0.2	27	0.08	0.038
1096460	Soil	0.8	23.8	14.0	57	<0.1	20.0	8.2	258	2.38	21.8	1.4	4.2	7.2	12	0.2	6.4	0.2	28	0.13	0.044
1096437	Soil	0.9	28.9	54.3	62	<0.1	16.5	8.5	248	2.88	12.6	1.9	6.2	4.4	14	<0.1	10.2	0.4	27	0.05	0.055
1096438	Soil	0.9	27.8	18.7	61	<0.1	20.5	8.4	230	2.66	9.6	1.9	2.1	4.1	12	<0.1	1.6	0.3	30	0.07	0.046
1096439	Soil	0.6	22.8	10.7	58	<0.1	19.6	9.3	307	2.14	11.7	1.5	1.6	4.7	11	0.1	0.9	0.2	28	0.11	0.053
1096441	Soil	0.9	22.4	13.0	59	<0.1	22.1	8.4	252	2.19	8.8	1.2	1.9	3.9	11	0.2	0.9	0.2	29	0.11	0.056
1096440	Soil	1.1	23.1	13.5	53	<0.1	17.5	7.3	228	2.44	9.9	1.6	7.6	1.3	11	0.1	0.9	0.2	43	0.08	0.057
1096442	Soil	0.9	27.9	15.6	61	<0.1	21.7	10.1	364	2.36	10.6	1.7	3.5	4.5	11	0.2	1.3	0.2	32	0.10	0.058
1096443	Soil	0.8	21.4	15.0	62	<0.1	17.9	7.9	247	2.46	9.7	1.5	1.5	3.3	9	0.2	0.9	0.2	33	0.07	0.046
1096444	Soil	0.9	27.5	18.6	65	<0.1	20.9	10.6	311	2.59	6.9	1.6	2.4	6.1	12	0.2	1.0	0.3	24	0.07	0.047
1096447	Soil	0.7	16.8	20.4	56	<0.1	16.0	7.9	223	2.10	7.7	1.2	2.2	2.1	8	0.2	2.1	0.2	29	0.06	0.040
1096445	Soil	0.7	18.2	13.3	54	<0.1	15.8	6.2	193	2.19	8.0	1.1	2.1	2.2	11	0.1	0.9	0.2	31	0.08	0.047
1096448	Soil	0.7	17.8	21.8	58	<0.1	16.5	8.0	230	2.18	7.5	1.1	1.1	1.7	10	0.1	2.3	0.2	32	0.07	0.041
1096446	Soil	0.7	16.5	12.6	50	<0.1	15.8	5.9	154	2.04	7.0	1.1	1.4	1.0	11	<0.1	0.7	0.2	33	0.08	0.043
1096467	Soil	0.9	19.2	13.5	60	<0.1	18.4	7.5	274	2.21	9.4	0.9	2.4	3.9	12	0.1	1.7	0.2	34	0.11	0.036
1096461	Soil	0.7	24.4	14.5	67	<0.1	27.1	13.7	574	3.46	11.9	1.5	2.0	4.8	23	0.2	4.6	0.1	42	0.19	0.096
1096462	Soil	0.9	22.8	12.9	68	<0.1	24.2	12.3	471	2.98	11.5	1.6	3.8	3.9	16	0.2	2.9	0.2	41	0.15	0.077
1096463	Soil	0.7	15.1	16.8	64	<0.1	14.9	6.7	225	2.30	10.2	1.2	2.3	2.5	12	0.2	3.0	0.2	38	0.11	0.049
1096465	Soil	0.8	15.3	19.2	52	<0.1	14.3	5.7	176	2.09	9.7	1.0	3.9	2.6	9	<0.1	2.6	0.2	31	0.09	0.040
1096464	Soil	0.8	23.5	17.8	68	<0.1	19.6	10.1	432	2.42	10.5	1.7	2.3	4.8	13	0.2	2.4	0.2	35	0.11	0.043
1096466	Soil	0.9	19.1	15.2	56	<0.1	16.8	7.5	252	2.09	9.1	1.2	0.6	3.8	11	0.2	1.9	0.2	32	0.12	0.044
1096469	Soil	1.2	11.6	27.5	58	<0.1	17.0	6.8	326	2.58	12.8	0.7	1.5	3.9	9	0.1	1.0	0.2	42	0.07	0.041
1096468	Soil	0.9	20.1	14.3	55	<0.1	19.2	7.3	211	2.46	9.6	1.1	7.3	2.3	12	0.2	1.3	0.2	39	0.10	0.049
1096470	Soil	1.3	32.0	52.6	96	0.1	21.0	9.9	342	3.41	14.1	2.5	2.7	13.9	13	0.4	4.0	0.4	27	0.06	0.053

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Project: MHR
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000326.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096454	Soil		22	27	0.48	146	0.009	<1	1.70	0.006	0.03	0.1	0.05	1.9	<0.1	<0.05	5	1.4	<0.2
1096453	Soil		24	23	0.49	82	0.016	<1	1.33	0.003	0.03	0.1	0.03	1.6	<0.1	<0.05	4	0.6	<0.2
1096455	Soil		31	23	0.51	149	0.019	1	1.37	0.005	0.03	0.1	0.02	2.0	<0.1	<0.05	4	0.7	<0.2
1096458	Soil		26	24	0.42	84	0.017	1	1.13	0.004	0.03	0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1096456	Soil		28	21	0.45	126	0.016	<1	1.27	0.004	0.03	0.1	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1096457	Soil		26	26	0.49	178	0.034	1	1.50	0.006	0.06	0.2	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
1096459	Soil		25	22	0.37	99	0.014	<1	1.11	0.004	0.03	0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1096460	Soil		24	20	0.40	182	0.019	2	1.05	0.005	0.04	0.1	0.02	2.4	<0.1	<0.05	3	<0.5	<0.2
1096437	Soil		35	20	0.49	80	0.013	<1	1.32	0.004	0.04	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1096438	Soil		29	19	0.45	79	0.017	<1	1.28	0.003	0.04	0.2	0.03	1.6	0.1	<0.05	4	<0.5	<0.2
1096439	Soil		16	17	0.37	85	0.023	<1	1.06	0.004	0.04	0.2	0.03	1.9	<0.1	<0.05	3	1.0	<0.2
1096441	Soil		21	18	0.37	79	0.022	<1	1.02	0.003	0.03	0.2	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
1096440	Soil		22	25	0.38	88	0.021	<1	1.26	0.005	0.04	0.2	0.03	1.3	0.1	0.07	5	<0.5	<0.2
1096442	Soil		21	20	0.39	92	0.025	<1	1.19	0.004	0.04	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1096443	Soil		23	21	0.42	85	0.019	1	1.25	0.004	0.03	0.1	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1096444	Soil		36	18	0.46	100	0.015	<1	1.11	0.003	0.03	<0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1096447	Soil		21	20	0.41	81	0.015	<1	1.15	0.004	0.03	0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1096445	Soil		25	19	0.40	75	0.021	<1	1.18	0.003	0.04	0.2	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1096448	Soil		23	22	0.44	88	0.020	1	1.26	0.004	0.04	0.1	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2
1096446	Soil		22	20	0.40	88	0.017	<1	1.25	0.004	0.04	0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1096467	Soil		21	21	0.38	120	0.030	<1	1.13	0.005	0.05	0.1	0.02	2.1	<0.1	<0.05	4	0.5	<0.2
1096461	Soil		27	20	0.71	214	0.019	<1	1.71	0.004	0.03	<0.1	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
1096462	Soil		22	21	0.58	159	0.024	<1	1.69	0.005	0.04	0.1	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
1096463	Soil		20	27	0.45	130	0.027	<1	1.29	0.005	0.04	0.1	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1096465	Soil		19	19	0.34	107	0.018	<1	1.07	0.004	0.03	0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1096464	Soil		21	22	0.44	276	0.024	<1	1.26	0.005	0.05	0.1	0.04	2.9	<0.1	<0.05	4	0.7	<0.2
1096466	Soil		22	20	0.37	137	0.026	<1	1.07	0.005	0.04	0.1	0.03	2.1	<0.1	<0.05	3	1.0	<0.2
1096469	Soil		11	22	0.30	84	0.026	<1	1.68	0.004	0.05	0.1	0.03	1.9	0.1	<0.05	4	<0.5	<0.2
1096468	Soil		22	30	0.47	105	0.018	<1	1.26	0.005	0.04	0.1	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1096470	Soil		31	21	0.42	98	0.016	<1	1.34	0.005	0.05	0.1	0.01	1.9	0.1	<0.05	4	<0.5	<0.2

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Project: MHR
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1097191	Soil	0.9	17.0	12.2	49	<0.1	19.5	7.6	212	2.41	7.1	1.1	2.1	4.8	8	<0.1	1.0	0.2	25	0.05	0.035
1097195	Soil	1.1	19.3	13.7	48	<0.1	18.8	7.5	199	2.45	10.0	1.0	2.2	4.9	9	0.1	0.6	0.2	36	0.07	0.036
1097189	Soil	1.1	29.7	16.8	61	<0.1	32.0	14.4	371	2.86	9.0	1.5	3.2	4.2	13	0.1	0.6	0.2	30	0.06	0.046
1097190	Soil	0.8	18.3	13.5	51	<0.1	21.9	8.1	199	2.37	6.3	1.1	3.6	3.2	11	<0.1	0.5	0.2	26	0.07	0.041
1097194	Soil	0.9	23.7	13.1	52	<0.1	22.6	7.9	181	2.79	8.9	1.0	9.0	6.2	7	<0.1	0.9	0.2	31	0.06	0.028
1097196	Soil	1.0	24.9	19.5	62	<0.1	24.4	10.5	269	2.51	10.3	1.4	1.5	5.9	10	0.2	1.5	0.2	24	0.08	0.044
1097192	Soil	0.8	14.2	10.1	42	<0.1	15.2	5.6	154	2.09	6.9	0.9	<0.5	1.8	7	<0.1	0.5	0.2	26	0.05	0.036
1097188	Soil	0.7	31.1	13.4	55	<0.1	27.7	12.7	287	2.40	8.3	1.2	1.1	6.3	11	0.1	0.6	0.2	28	0.09	0.049
1097193	Soil	0.7	18.5	9.5	46	<0.1	20.4	7.5	241	1.89	8.2	0.8	<0.5	4.7	11	<0.1	0.6	0.2	23	0.13	0.051
1097187	Soil	0.9	37.7	13.2	57	<0.1	30.4	12.7	374	3.04	9.1	1.1	3.6	4.6	13	0.1	0.6	0.2	45	0.12	0.059
1097186	Soil	0.8	21.5	12.0	46	<0.1	26.8	6.5	158	2.09	8.9	0.9	3.0	2.8	9	<0.1	0.8	0.2	29	0.07	0.040
1097197	Soil	1.0	22.9	17.7	61	<0.1	23.0	8.9	204	2.77	10.5	1.1	2.2	8.3	8	<0.1	1.9	0.2	33	0.08	0.044
1097086	Soil	0.8	24.9	17.1	48	<0.1	28.4	12.6	458	2.63	17.1	0.9	1.2	5.5	12	<0.1	0.7	0.2	33	0.11	0.049
1097081	Soil	0.8	71.4	12.7	69	<0.1	71.3	33.9	536	3.86	17.0	1.3	1.0	20.2	27	<0.1	0.7	0.2	47	0.16	0.049
1097082	Soil	0.8	23.1	12.7	57	<0.1	25.6	10.2	303	2.21	9.8	1.1	1.5	4.4	9	0.2	2.3	0.2	25	0.08	0.043
1097077	Soil	0.9	20.0	14.0	55	<0.1	26.9	15.8	377	2.85	8.4	0.9	1.9	4.9	8	0.1	0.7	0.2	36	0.09	0.049
1097075	Soil	0.9	24.5	13.5	62	<0.1	29.3	14.8	326	2.66	7.7	1.2	0.8	4.5	8	0.1	1.0	0.2	27	0.07	0.049
1097076	Soil	0.7	14.9	11.2	41	<0.1	16.3	7.2	180	2.08	7.6	0.8	<0.5	1.6	8	<0.1	0.6	0.1	28	0.08	0.047
1097085	Soil	2.4	49.7	14.5	72	<0.1	26.3	11.6	233	3.70	11.7	2.5	1.5	15.5	8	<0.1	0.7	0.3	16	0.03	0.039
1097084	Soil	0.8	33.6	11.1	68	<0.1	18.5	7.9	289	3.53	4.5	1.7	<0.5	10.6	8	<0.1	0.6	0.2	22	0.04	0.046
1097079	Soil	0.6	38.4	18.1	68	<0.1	17.2	9.0	205	3.15	2.8	1.9	<0.5	12.4	13	<0.1	0.7	0.3	16	0.03	0.041
1097080	Soil	0.9	70.2	16.1	74	<0.1	89.0	45.8	711	4.04	21.4	1.3	0.8	19.4	28	<0.1	0.7	0.2	60	0.17	0.052
1097078	Soil	0.7	17.3	13.7	39	<0.1	13.3	6.1	133	2.12	6.7	0.9	2.0	3.3	8	<0.1	0.5	0.2	25	0.07	0.036
1097083	Soil	0.8	34.7	10.2	72	<0.1	19.0	7.7	295	3.53	4.5	1.7	<0.5	10.9	8	<0.1	0.5	0.2	21	0.04	0.046
1097072	Soil	0.8	32.6	24.2	72	<0.1	21.5	9.6	295	3.16	9.7	1.5	<0.5	12.6	18	0.1	1.7	0.2	16	0.06	0.036
1097066	Soil	0.9	18.0	12.4	50	<0.1	21.1	8.9	259	2.34	7.1	1.0	0.7	4.9	7	<0.1	0.5	0.1	24	0.05	0.038
1097071	Soil	0.8	30.0	15.3	55	<0.1	26.2	12.6	227	2.67	5.8	1.3	1.6	3.5	7	<0.1	0.8	0.2	28	0.06	0.043
1097068	Soil	0.8	26.0	15.7	56	<0.1	24.3	10.2	184	2.84	5.3	1.2	<0.5	7.7	8	<0.1	0.8	0.2	24	0.05	0.039
1097067	Soil	1.8	64.5	16.8	105	<0.1	44.7	23.7	253	4.08	9.9	2.0	2.1	15.9	5	<0.1	0.7	0.3	17	0.03	0.031
1097065	Soil	0.6	26.5	34.3	63	<0.1	8.7	5.1	223	3.34	10.6	1.5	1.1	15.1	7	<0.1	0.4	0.4	16	0.03	0.039

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Project: MHR
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000326.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1097191	Soil		29	16	0.31	66	0.006	<1	1.03	0.003	0.03	0.1	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1097195	Soil		22	22	0.39	88	0.015	<1	1.30	0.004	0.04	0.2	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1097189	Soil		29	22	0.48	80	0.010	<1	1.36	0.004	0.03	<0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1097190	Soil		24	20	0.41	94	0.007	<1	1.23	0.004	0.03	<0.1	0.02	1.4	<0.1	<0.05	4	0.5	<0.2
1097194	Soil		23	25	0.46	79	0.012	<1	1.20	0.003	0.03	0.1	0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
1097196	Soil		27	18	0.34	86	0.010	<1	0.98	0.004	0.04	0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1097192	Soil		20	19	0.32	75	0.009	<1	1.03	0.003	0.02	0.1	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2
1097188	Soil		21	21	0.44	84	0.018	<1	1.15	0.003	0.03	0.1	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1097193	Soil		14	16	0.32	74	0.018	<1	0.84	0.004	0.03	0.1	<0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
1097187	Soil		22	34	0.77	79	0.022	<1	1.44	0.003	0.02	0.1	0.01	2.0	<0.1	<0.05	5	<0.5	<0.2
1097186	Soil		18	30	0.42	74	0.011	<1	1.03	0.003	0.03	0.1	0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
1097197	Soil		35	19	0.32	61	0.022	<1	1.04	0.005	0.04	0.1	<0.01	1.8	<0.1	0.07	4	<0.5	<0.2
1097086	Soil		22	30	0.52	121	0.015	<1	1.48	0.004	0.03	0.1	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1097081	Soil		47	95	1.64	60	0.007	<1	2.31	0.005	0.04	<0.1	0.02	5.0	<0.1	<0.05	6	<0.5	<0.2
1097082	Soil		16	17	0.31	74	0.012	<1	1.04	0.004	0.04	0.1	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1097077	Soil		21	20	0.34	68	0.018	<1	1.21	0.005	0.03	0.2	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1097075	Soil		20	15	0.33	71	0.009	<1	0.96	0.004	0.03	<0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1097076	Soil		15	17	0.30	78	0.012	1	1.02	0.004	0.03	0.1	0.03	1.1	<0.1	<0.05	3	0.5	<0.2
1097085	Soil		45	17	0.43	75	0.008	<1	1.09	0.004	0.03	<0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
1097084	Soil		39	21	0.60	43	0.012	<1	1.41	0.004	0.04	<0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1097079	Soil		46	16	0.46	58	0.006	<1	1.14	0.003	0.04	<0.1	0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
1097080	Soil		41	126	1.79	56	0.002	<1	2.38	0.004	0.03	<0.1	0.01	6.2	<0.1	<0.05	6	<0.5	<0.2
1097078	Soil		18	16	0.28	70	0.010	<1	1.04	0.003	0.03	0.1	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1097083	Soil		41	21	0.61	43	0.011	<1	1.39	0.004	0.04	<0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1097072	Soil		42	16	0.43	206	0.004	<1	1.11	0.007	0.05	<0.1	<0.01	2.0	<0.1	<0.05	3	<0.5	<0.2
1097066	Soil		24	15	0.29	41	0.014	<1	0.90	0.004	0.03	0.1	0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
1097071	Soil		26	22	0.36	103	0.007	<1	1.11	0.004	0.03	0.1	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1097068	Soil		29	18	0.40	71	0.008	<1	1.17	0.005	0.03	<0.1	0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
1097067	Soil		30	13	0.18	62	0.004	<1	0.81	0.005	0.04	<0.1	0.04	1.8	<0.1	<0.05	2	0.5	<0.2
1097065	Soil		51	18	0.56	44	0.007	<1	1.29	0.003	0.04	<0.1	0.01	1.0	<0.1	<0.05	4	0.5	<0.2

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600 - 666 Burrard St.
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Project: MHR
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1097070	Soil	0.9	25.5	15.4	52	<0.1	18.8	8.5	194	2.56	6.9	1.2	0.7	5.4	8	<0.1	0.5	0.2	29	0.08	0.040
1097063	Soil	0.8	18.9	10.6	46	<0.1	19.4	7.5	167	2.10	7.2	0.9	<0.5	4.8	8	<0.1	0.7	<0.1	27	0.08	0.038
1097069	Soil	0.8	29.1	16.1	52	<0.1	12.6	5.6	168	2.78	2.8	1.9	1.1	14.2	9	0.1	0.4	0.2	17	0.06	0.038
1097073	Soil	0.8	27.3	12.7	57	<0.1	21.0	10.3	353	2.84	4.3	1.4	<0.5	9.0	7	<0.1	0.6	0.1	16	0.03	0.045
1097064	Soil	0.6	49.9	22.5	87	<0.1	21.3	11.8	228	4.00	1.8	3.5	<0.5	18.8	7	<0.1	0.3	0.4	14	0.02	0.043
1097074	Soil	0.8	24.8	14.6	62	<0.1	28.0	16.7	384	2.69	6.7	1.3	<0.5	7.9	8	<0.1	0.7	0.1	24	0.06	0.041
1097497	Soil	0.8	21.9	14.2	59	<0.1	18.7	9.0	296	2.30	9.1	0.9	2.4	5.5	10	0.1	1.2	0.1	27	0.09	0.042
1097495	Soil	1.1	24.9	16.5	68	<0.1	21.5	10.4	323	2.97	9.2	0.8	2.4	8.8	8	0.2	1.4	0.2	28	0.06	0.041
1097494	Soil	1.1	22.8	17.6	54	0.3	20.3	11.5	182	2.88	10.3	0.9	2.2	8.2	7	0.2	1.0	0.1	34	0.05	0.032
1097498	Soil	1.0	20.2	14.5	60	<0.1	17.4	8.5	304	2.61	11.2	0.7	<0.5	6.8	8	0.1	1.8	0.1	32	0.06	0.037
1097496	Soil	0.9	26.6	17.5	55	<0.1	20.0	7.6	198	2.46	8.2	1.0	2.1	8.8	9	0.1	0.9	0.1	26	0.07	0.026
1097500	Soil	1.0	19.1	15.7	62	<0.1	17.3	10.5	477	2.78	12.0	0.8	2.0	2.9	10	0.1	1.4	0.3	38	0.09	0.058
1097499	Soil	1.1	23.5	22.3	61	<0.1	18.9	11.4	376	2.84	11.7	0.9	3.9	7.6	8	0.1	1.8	0.3	35	0.06	0.037
1097352	Soil	1.0	23.6	10.8	54	<0.1	18.7	7.7	254	2.34	9.5	1.0	1.9	4.4	11	0.1	1.0	0.2	34	0.10	0.032
1097351	Soil	0.7	27.3	15.7	57	0.2	20.9	9.7	348	2.47	10.9	1.1	3.4	6.0	10	0.2	2.2	0.2	35	0.09	0.030
1097353	Soil	1.2	14.6	14.4	49	<0.1	13.5	9.0	420	2.54	10.6	0.7	7.2	4.1	8	<0.1	0.9	0.2	38	0.08	0.051
1097355	Soil	0.8	9.1	11.1	26	<0.1	7.3	2.6	82	1.52	7.3	0.7	2.2	0.3	7	<0.1	0.6	0.2	31	0.05	0.028
1097354	Soil	0.8	11.8	14.1	37	<0.1	9.7	5.0	196	1.86	7.8	0.6	3.9	0.8	7	0.1	0.9	0.2	30	0.06	0.036
1097483	Soil	1.1	15.9	16.8	54	0.1	15.5	9.4	419	2.40	11.2	0.9	1.2	1.7	10	0.2	1.5	0.2	34	0.09	0.047
1097482	Soil	1.0	16.9	17.3	52	0.1	13.7	9.6	416	2.36	10.5	1.0	4.8	1.2	9	0.2	1.5	0.2	31	0.08	0.056
1097484	Soil	0.7	17.3	12.4	76	<0.1	23.6	10.5	348	2.40	9.9	1.0	5.8	4.4	10	0.2	1.5	0.2	30	0.12	0.055
1097485	Soil	0.9	16.4	13.0	43	<0.1	15.4	6.5	230	2.13	8.7	1.0	2.1	1.5	10	<0.1	1.4	0.2	35	0.09	0.041
1097487	Soil	0.8	22.8	14.7	54	<0.1	16.2	7.8	251	2.59	11.6	1.1	2.8	6.0	8	0.1	2.1	0.3	36	0.06	0.033
1097486	Soil	0.8	17.0	12.8	49	<0.1	16.3	10.1	377	2.21	9.7	0.9	6.4	1.8	10	0.2	1.0	0.2	34	0.09	0.045
1097489	Soil	1.1	28.4	16.1	75	<0.1	20.7	10.3	412	3.03	12.9	1.5	5.3	8.0	12	0.2	7.1	0.3	24	0.12	0.050
1097488	Soil	1.2	13.9	12.1	46	0.3	12.8	5.2	164	2.17	10.0	0.8	1.3	0.5	10	0.2	3.0	0.2	39	0.11	0.095
1097490	Soil	1.0	20.1	17.0	49	<0.1	15.7	8.9	303	2.53	8.9	1.0	2.3	2.3	8	0.1	1.1	0.2	30	0.07	0.046
1097492	Soil	1.0	27.3	15.5	69	<0.1	22.8	12.0	404	3.17	11.1	1.2	1.3	8.4	10	0.2	2.0	0.2	35	0.07	0.040
1097491	Soil	1.2	18.8	15.4	59	<0.1	17.0	8.6	229	2.94	11.3	0.8	1.6	7.8	8	0.1	1.6	0.2	45	0.06	0.026
1097493	Soil	0.9	16.0	13.7	59	<0.1	18.3	9.9	304	2.62	11.9	0.9	3.0	5.8	11	<0.1	0.9	0.2	38	0.12	0.050

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1097070	Soil	27	20	0.41	99	0.011	<1	1.25	0.004	0.04	<0.1	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1097063	Soil	18	16	0.29	88	0.015	<1	0.93	0.004	0.03	0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1097069	Soil	46	16	0.46	138	0.009	<1	1.06	0.003	0.03	<0.1	0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
1097073	Soil	33	18	0.43	50	0.006	<1	1.12	0.003	0.03	<0.1	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1097064	Soil	50	20	0.61	51	0.003	<1	1.42	0.004	0.05	<0.1	<0.01	1.2	<0.1	<0.05	4	<0.5	<0.2
1097074	Soil	29	15	0.34	81	0.012	<1	0.95	0.003	0.03	<0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1097497	Soil	19	19	0.34	88	0.017	<1	1.06	0.004	0.04	0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1097495	Soil	24	19	0.35	61	0.014	<1	1.14	0.004	0.04	0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
1097494	Soil	20	21	0.31	64	0.012	<1	1.39	0.004	0.05	0.1	0.04	1.8	<0.1	<0.05	4	<0.5	<0.2
1097498	Soil	18	20	0.34	58	0.016	1	1.23	0.004	0.04	0.1	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1097496	Soil	23	19	0.36	87	0.014	<1	1.14	0.007	0.04	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1097500	Soil	17	22	0.38	97	0.020	<1	1.24	0.004	0.04	0.2	0.03	1.5	<0.1	<0.05	4	0.5	<0.2
1097499	Soil	20	21	0.40	97	0.020	<1	1.33	0.004	0.04	0.2	0.04	1.7	<0.1	<0.05	4	0.6	<0.2
1097352	Soil	17	21	0.41	176	0.025	<1	1.18	0.005	0.03	0.1	0.04	2.4	<0.1	<0.05	3	<0.5	<0.2
1097351	Soil	16	23	0.40	218	0.026	<1	1.30	0.005	0.04	0.2	0.05	2.5	<0.1	<0.05	3	<0.5	<0.2
1097353	Soil	17	20	0.31	81	0.021	<1	1.08	0.004	0.04	0.2	0.02	1.5	<0.1	<0.05	4	0.9	<0.2
1097355	Soil	14	18	0.20	71	0.014	<1	0.93	0.004	0.02	0.1	0.04	0.6	<0.1	<0.05	4	0.5	<0.2
1097354	Soil	15	16	0.24	70	0.014	<1	0.89	0.003	0.02	0.1	0.03	0.8	<0.1	<0.05	4	<0.5	<0.2
1097483	Soil	17	18	0.31	96	0.016	<1	1.03	0.004	0.04	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1097482	Soil	18	18	0.31	76	0.012	<1	1.05	0.004	0.03	0.2	0.03	0.9	<0.1	<0.05	4	<0.5	<0.2
1097484	Soil	19	23	0.39	98	0.022	<1	1.10	0.005	0.05	0.2	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
1097485	Soil	20	20	0.31	96	0.019	<1	1.07	0.004	0.04	0.2	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1097487	Soil	17	20	0.34	76	0.023	<1	1.27	0.005	0.03	0.1	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
1097486	Soil	18	20	0.33	109	0.020	<1	1.15	0.004	0.04	0.2	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1097489	Soil	36	18	0.36	79	0.012	<1	1.04	0.006	0.04	0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1097488	Soil	12	17	0.21	72	0.019	<1	1.03	0.006	0.04	0.2	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1097490	Soil	23	17	0.29	64	0.016	<1	1.01	0.008	0.03	0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1097492	Soil	26	22	0.43	77	0.025	<1	1.33	0.004	0.04	0.1	0.02	2.4	<0.1	<0.05	4	0.6	<0.2
1097491	Soil	21	22	0.30	67	0.025	<1	1.52	0.005	0.04	0.1	0.03	2.5	<0.1	<0.05	5	0.6	<0.2
1097493	Soil	18	23	0.36	91	0.028	<1	1.34	0.005	0.04	0.2	0.03	2.4	<0.1	<0.05	4	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1097358	Soil	1.0	12.6	12.9	36	<0.1	11.6	4.7	179	2.17	8.9	0.8	5.1	0.7	10	0.1	0.8	0.2	40	0.09	0.042
1097357	Soil	1.2	14.2	12.7	54	<0.1	13.3	10.0	487	2.71	11.5	0.7	2.3	2.1	9	<0.1	0.9	0.2	42	0.09	0.058
1097356	Soil	1.0	13.2	11.7	64	<0.1	15.0	11.4	551	2.69	12.2	0.7	6.1	2.6	9	0.2	0.9	0.2	34	0.09	0.064
1097360	Soil	1.0	17.0	13.6	51	<0.1	13.6	7.3	267	2.45	10.5	0.9	2.0	3.8	9	0.1	1.3	0.2	36	0.07	0.043
1097359	Soil	1.0	13.6	12.7	43	<0.1	11.9	6.1	228	2.26	10.6	0.8	2.7	2.4	8	0.1	1.0	0.2	38	0.07	0.039
1097362	Soil	1.1	16.5	13.7	64	<0.1	16.3	10.5	477	2.65	11.5	0.9	3.4	3.1	11	0.2	0.7	0.2	41	0.10	0.055
1097364	Soil	0.8	17.9	11.2	51	<0.1	15.9	7.0	234	2.19	9.4	1.0	4.2	2.7	9	0.1	0.6	0.2	35	0.09	0.038
1097361	Soil	1.0	13.1	12.7	51	<0.1	13.2	6.7	267	2.20	9.9	0.8	0.6	1.8	8	0.1	0.7	0.2	37	0.07	0.042
1097363	Soil	1.2	18.6	14.1	56	<0.1	17.7	9.4	481	2.72	9.9	0.8	7.3	2.8	8	0.2	0.9	0.3	36	0.09	0.055
1097365	Soil	1.0	20.2	12.8	53	<0.1	16.9	7.7	247	2.26	8.8	1.0	2.4	3.6	7	0.1	0.8	0.2	34	0.07	0.035
1099076	Soil	4.6	79.4	27.1	140	<0.1	62.8	18.6	358	6.55	8.7	4.0	2.9	28.8	13	<0.1	3.1	0.6	15	0.03	0.051
1099082	Soil	1.0	45.8	23.4	103	0.1	46.3	20.5	498	4.45	10.7	3.3	3.0	13.2	13	0.1	2.0	0.4	15	0.10	0.041
1099080	Soil	2.3	86.6	38.2	102	0.1	44.8	16.0	293	6.25	14.4	3.3	3.8	29.6	8	<0.1	1.4	0.7	14	0.02	0.050
1099083	Soil	1.1	58.4	35.2	126	0.2	54.1	25.4	372	4.22	21.8	2.9	4.0	22.1	17	0.2	17.8	0.6	5	0.12	0.035
1099077	Soil	1.1	50.0	25.9	106	0.1	46.6	19.5	411	4.56	13.3	2.8	3.0	12.0	18	<0.1	3.4	0.6	13	0.14	0.043
1099081	Soil	1.8	72.1	34.1	114	0.2	27.7	9.9	253	5.96	4.5	5.1	2.9	26.7	19	<0.1	1.3	0.5	15	0.12	0.039
1099078	Soil	1.2	51.9	26.2	103	0.1	47.9	20.2	397	4.64	14.4	2.8	2.5	13.0	18	<0.1	3.4	0.5	14	0.16	0.043
1099079	Soil	2.4	65.2	22.7	106	<0.1	66.7	34.5	330	5.06	25.8	4.6	4.5	30.6	14	<0.1	0.7	0.4	14	0.02	0.052
1099075	Soil	1.3	44.7	27.2	104	<0.1	30.3	12.8	290	4.27	19.4	2.1	2.9	17.4	12	<0.1	14.4	0.4	13	0.06	0.032
1099053	Soil	1.3	49.0	28.3	93	<0.1	39.4	19.1	417	4.32	6.9	2.7	2.0	18.0	11	0.1	1.2	0.4	19	0.03	0.040
1099051	Soil	1.1	52.8	27.7	107	0.1	50.1	21.5	357	4.34	9.4	3.9	2.2	18.8	18	0.1	1.9	0.4	17	0.11	0.041
1099055	Soil	1.0	59.0	31.6	93	<0.1	37.3	17.2	283	4.53	7.4	3.5	1.4	23.7	16	<0.1	1.1	0.5	13	0.02	0.040
1099054	Soil	1.2	36.1	24.0	71	<0.1	29.3	13.3	281	3.23	9.3	1.8	2.3	9.0	10	<0.1	1.6	0.4	19	0.04	0.041
1099060	Soil	1.5	57.1	33.2	111	<0.1	62.1	36.4	941	4.95	12.1	3.5	3.5	19.4	20	0.1	3.2	0.6	13	0.05	0.040
1099058	Soil	1.6	47.3	28.4	105	<0.1	37.1	16.5	404	4.66	13.5	2.0	1.2	19.4	10	<0.1	2.3	0.5	23	0.03	0.059
1099062	Soil	1.1	51.6	33.3	104	<0.1	59.6	32.8	904	4.69	34.0	2.7	7.5	20.6	16	0.1	11.3	0.5	13	0.07	0.050
1099057	Soil	1.8	57.0	33.8	98	<0.1	41.9	21.5	371	4.87	9.5	2.9	2.6	21.7	16	<0.1	1.1	0.5	15	0.01	0.049
1099061	Soil	1.1	56.2	30.8	106	<0.1	54.8	24.3	453	4.73	13.5	3.0	3.1	19.8	12	<0.1	3.1	0.5	11	0.01	0.042
1099063	Soil	1.9	37.6	30.4	111	0.3	55.4	27.2	1148	4.36	22.4	2.0	4.0	10.6	9	0.2	5.6	0.4	23	0.03	0.059
1099059	Soil	1.3	51.5	32.6	101	<0.1	46.9	28.6	641	4.83	13.2	2.3	2.0	18.0	13	0.1	1.8	0.5	19	0.05	0.053

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Project: MHR
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000326.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1097358	Soil		16	19	0.25	72	0.018	<1	1.08	0.005	0.03	<0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1097357	Soil		17	22	0.33	69	0.027	<1	1.26	0.004	0.04	0.2	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1097356	Soil		14	21	0.34	71	0.023	<1	1.17	0.004	0.04	0.2	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1097360	Soil		23	19	0.31	71	0.024	<1	1.12	0.005	0.03	0.2	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1097359	Soil		19	18	0.28	70	0.026	<1	1.13	0.004	0.04	0.2	0.02	1.8	<0.1	<0.05	4	0.5	<0.2
1097362	Soil		16	21	0.37	93	0.025	1	1.33	0.006	0.04	0.2	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1097364	Soil		18	19	0.33	87	0.023	<1	1.11	0.004	0.04	0.2	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1097361	Soil		15	19	0.29	84	0.019	<1	1.14	0.005	0.03	0.2	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1097363	Soil		17	20	0.31	61	0.021	2	1.01	0.004	0.03	0.2	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1097365	Soil		19	19	0.32	80	0.019	2	1.06	0.004	0.03	0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1099076	Soil		72	18	0.34	47	0.002	1	1.20	0.006	0.05	<0.1	0.01	2.6	<0.1	<0.05	3	<0.5	<0.2
1099082	Soil		51	13	0.27	69	0.003	1	0.82	0.005	0.03	<0.1	0.03	2.2	<0.1	<0.05	2	0.7	<0.2
1099080	Soil		63	17	0.38	27	0.003	1	1.18	0.005	0.04	<0.1	0.02	1.8	<0.1	<0.05	4	0.5	<0.2
1099083	Soil		48	5	0.10	29	<0.001	5	0.26	0.004	0.06	<0.1	0.03	2.6	0.2	0.06	<1	<0.5	<0.2
1099077	Soil		47	14	0.22	63	0.001	<1	0.63	0.005	0.04	<0.1	0.03	2.3	<0.1	<0.05	2	0.7	<0.2
1099081	Soil		58	22	0.72	34	0.004	<1	1.41	0.009	0.05	<0.1	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
1099078	Soil		47	15	0.22	62	0.002	<1	0.64	0.005	0.03	<0.1	0.03	2.4	<0.1	<0.05	2	0.6	<0.2
1099079	Soil		53	18	0.55	47	0.002	<1	1.37	0.006	0.07	<0.1	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
1099075	Soil		56	12	0.25	84	0.001	<1	0.86	0.005	0.04	<0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1099053	Soil		57	16	0.34	76	0.004	<1	1.13	0.006	0.05	<0.1	0.02	2.1	<0.1	<0.05	3	0.5	<0.2
1099051	Soil		59	16	0.31	59	0.002	<1	0.87	0.006	0.05	<0.1	0.02	2.8	<0.1	<0.05	2	0.6	<0.2
1099055	Soil		55	17	0.50	63	0.002	<1	1.21	0.006	0.04	<0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1099054	Soil		44	13	0.20	56	0.005	<1	0.80	0.005	0.04	<0.1	0.02	1.3	<0.1	<0.05	2	<0.5	<0.2
1099060	Soil		53	11	0.21	143	0.005	<1	0.75	0.004	0.05	<0.1	0.03	2.4	<0.1	<0.05	2	<0.5	<0.2
1099058	Soil		61	13	0.18	53	0.005	<1	1.02	0.006	0.05	<0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1099062	Soil		52	10	0.24	67	<0.001	<1	0.71	0.005	0.05	<0.1	0.03	3.2	<0.1	<0.05	2	<0.5	<0.2
1099057	Soil		53	14	0.28	40	0.003	<1	1.06	0.007	0.04	<0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1099061	Soil		65	14	0.31	45	0.002	<1	0.96	0.004	0.04	<0.1	0.03	2.0	<0.1	<0.05	2	<0.5	<0.2
1099063	Soil		42	13	0.08	82	0.005	<1	1.03	0.005	0.04	<0.1	0.05	1.8	<0.1	<0.05	3	<0.5	<0.2
1099059	Soil		53	19	0.39	55	0.006	<1	1.32	0.006	0.04	<0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1099052	Soil		1.3	58.4	32.7	107	<0.1	40.2	17.5	321	5.00	5.6	2.8	1.9	24.0	10	<0.1	1.4	0.5	10	0.01	0.039
1099073	Soil		3.0	77.7	88.2	234	0.3	68.0	35.4	814	6.53	150.8	3.8	49.4	25.7	15	1.5	50.4	0.9	6	0.04	0.064
1099064	Soil		1.5	46.4	26.1	85	0.1	42.1	17.7	315	3.53	19.1	2.2	1.9	25.5	25	<0.1	15.3	0.3	6	<0.01	0.039
1099069	Soil		1.0	65.4	37.2	125	0.1	68.8	35.0	563	5.45	13.1	3.4	2.4	26.2	9	0.2	4.8	0.6	6	0.02	0.043
1099056	Soil		1.1	64.5	36.5	111	<0.1	65.2	28.1	594	5.54	13.5	4.2	1.9	24.3	19	<0.1	1.6	0.5	31	0.05	0.064
1099066	Soil		1.3	64.5	63.7	114	<0.1	53.4	25.5	363	5.17	27.0	3.3	3.1	21.7	16	<0.1	5.9	0.9	10	0.01	0.052
1099070	Soil		1.2	37.4	23.8	107	<0.1	45.9	14.9	412	3.88	10.9	1.8	2.2	14.4	12	0.2	1.4	0.4	23	0.05	0.048
1099067	Soil		1.5	48.7	33.9	102	0.1	40.4	19.7	389	4.66	11.9	2.2	2.1	18.1	11	<0.1	2.7	0.5	15	0.02	0.049
1099071	Soil		1.1	28.3	17.7	66	<0.1	26.3	11.3	250	3.12	10.1	1.1	1.0	8.6	6	<0.1	1.5	0.2	30	0.04	0.036
1099068	Soil		0.9	66.0	37.1	123	0.1	73.5	37.0	554	5.45	13.1	3.5	2.1	26.5	8	0.2	5.0	0.7	5	0.01	0.041
1099072	Soil		1.0	42.8	23.1	84	0.1	42.2	16.1	237	4.13	14.0	1.6	1.1	16.2	9	0.1	4.8	0.3	28	0.02	0.041
1099074	Soil		2.0	51.3	25.7	115	<0.1	52.1	26.8	486	5.25	15.1	3.2	3.7	22.0	7	0.1	4.9	0.6	13	0.01	0.037
1099065	Soil		1.1	57.9	34.3	100	<0.1	40.9	19.6	315	4.90	11.4	2.5	2.3	23.2	18	0.1	2.0	0.6	16	0.02	0.049
1097425	Soil		0.7	24.6	18.6	70	0.9	19.8	9.2	489	2.15	46.1	1.4	1.7	0.9	15	0.5	4.1	0.3	21	0.14	0.066
1097426	Soil		2.2	70.0	82.3	167	3.6	47.2	22.1	692	5.35	62.1	2.9	16.9	12.1	11	0.3	8.9	0.8	15	0.06	0.075
1097429	Soil		2.0	72.3	71.3	181	5.7	74.4	53.5	1914	6.16	119.7	4.7	18.0	16.9	14	1.5	10.2	0.7	16	0.05	0.083
1097428	Soil		1.9	51.0	50.8	138	2.0	34.9	20.7	1157	4.48	87.0	2.2	9.6	5.1	14	1.2	6.2	0.5	27	0.04	0.091
1097431	Soil		2.1	110.5	53.2	161	2.6	72.2	39.9	824	7.66	121.9	5.2	14.3	26.9	11	0.1	15.0	0.9	14	0.02	0.089
1097427	Soil		1.6	54.0	33.2	132	1.5	50.4	21.0	566	5.12	85.5	2.4	29.8	12.9	10	0.4	6.5	0.5	16	0.04	0.050
1097430	Soil		1.7	50.7	35.6	119	1.5	44.8	20.1	447	4.46	58.0	2.7	8.3	14.3	8	0.3	7.0	0.5	17	0.04	0.043
1097403	Soil		1.4	70.1	32.3	117	0.1	58.4	28.8	398	5.22	26.4	2.6	2.1	20.7	9	0.1	7.3	0.8	4	0.13	0.040
1097402	Soil		1.3	51.9	35.8	98	0.2	42.1	22.1	554	4.47	24.7	2.8	3.0	11.1	23	<0.1	12.6	0.6	6	0.34	0.047
1097404	Soil		1.4	58.4	45.0	114	0.1	54.1	33.1	589	3.80	30.0	2.2	8.8	23.7	20	<0.1	18.1	0.8	3	0.22	0.044
1097401	Soil		1.1	38.3	23.4	79	0.2	39.5	19.6	653	3.49	7.8	2.6	3.6	5.4	30	0.2	1.4	0.4	16	0.39	0.061
1097405	Soil		1.7	55.9	39.4	92	0.2	32.8	18.7	452	4.95	15.0	2.3	<0.5	12.2	16	0.2	5.0	0.6	12	0.07	0.074
1097406	Soil		1.4	56.0	33.3	100	0.1	44.7	18.6	308	4.73	15.1	2.6	1.7	22.1	10	<0.1	3.9	0.6	10	0.03	0.044
1097407	Soil		2.4	70.7	38.5	111	<0.1	46.9	18.8	338	5.34	18.7	3.1	2.3	23.8	10	<0.1	4.3	0.6	12	0.02	0.048
1097408	Soil		1.5	60.6	26.9	87	0.3	24.4	9.5	260	5.32	13.1	1.7	1.7	21.4	11	<0.1	1.4	0.5	17	0.04	0.055
1097409	Soil		1.3	58.4	23.9	84	0.1	23.5	8.7	176	5.37	10.2	1.8	1.0	22.1	7	<0.1	1.6	0.5	15	0.02	0.049
1097410	Soil		1.2	35.8	28.1	78	0.2	34.6	18.8	747	4.01	14.7	2.9	2.4	7.7	15	<0.1	5.2	0.5	17	0.10	0.059

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1099052	Soil	70	13	0.27	36	<0.001	<1	0.96	0.005	0.05	<0.1	0.03	1.8	<0.1	<0.05	2	0.8	<0.2
1099073	Soil	57	5	0.05	42	<0.001	1	0.31	0.005	0.05	<0.1	0.05	2.5	<0.1	<0.05	<1	0.9	<0.2
1099064	Soil	70	6	0.06	43	<0.001	<1	0.47	0.006	0.05	<0.1	0.01	1.5	<0.1	<0.05	<1	<0.5	<0.2
1099069	Soil	70	6	0.04	36	<0.001	<1	0.39	0.006	0.05	<0.1	0.03	1.9	<0.1	<0.05	<1	<0.5	<0.2
1099056	Soil	57	21	0.59	54	0.001	<1	1.38	0.007	0.05	<0.1	0.03	4.3	<0.1	<0.05	4	<0.5	<0.2
1099066	Soil	66	9	0.15	25	<0.001	<1	0.75	0.004	0.04	<0.1	0.01	1.8	<0.1	<0.05	2	<0.5	<0.2
1099070	Soil	39	24	0.36	81	0.012	<1	1.77	0.007	0.06	<0.1	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1099067	Soil	48	16	0.26	43	0.003	<1	1.25	0.005	0.04	<0.1	0.04	1.8	<0.1	<0.05	2	<0.5	<0.2
1099071	Soil	29	16	0.22	61	0.008	<1	1.13	0.004	0.03	0.1	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1099068	Soil	63	5	0.03	35	<0.001	<1	0.36	0.007	0.05	<0.1	0.02	1.9	<0.1	<0.05	<1	0.6	<0.2
1099072	Soil	47	20	0.15	45	0.005	<1	0.82	0.005	0.03	<0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1099074	Soil	53	11	0.28	28	0.003	<1	0.91	0.005	0.04	<0.1	0.02	1.9	<0.1	<0.05	3	0.5	<0.2
1099065	Soil	65	19	0.51	53	0.003	<1	1.54	0.007	0.04	<0.1	0.01	1.8	<0.1	<0.05	4	0.8	<0.2
1097425	Soil	26	11	0.20	105	0.011	<1	0.66	0.007	0.04	<0.1	0.05	0.6	0.1	<0.05	3	<0.5	<0.2
1097426	Soil	36	15	0.20	56	0.004	2	0.90	0.005	0.04	<0.1	0.06	1.6	0.1	0.08	2	<0.5	<0.2
1097429	Soil	44	14	0.24	56	0.005	2	1.01	0.005	0.05	<0.1	0.12	2.3	0.2	<0.05	3	0.6	<0.2
1097428	Soil	31	19	0.20	90	0.012	1	1.07	0.006	0.05	<0.1	0.09	1.4	0.1	0.06	4	<0.5	<0.2
1097431	Soil	39	15	0.25	46	0.004	2	1.22	0.005	0.05	<0.1	0.07	2.8	0.2	<0.05	3	0.7	<0.2
1097427	Soil	34	12	0.16	70	0.004	1	0.80	0.004	0.04	<0.1	0.03	1.6	0.1	<0.05	3	<0.5	<0.2
1097430	Soil	36	14	0.18	43	0.009	1	0.69	0.004	0.05	<0.1	0.04	1.8	0.1	<0.05	2	<0.5	<0.2
1097403	Soil	68	4	0.07	28	<0.001	3	0.21	0.003	0.05	<0.1	0.02	2.1	0.2	<0.05	<1	<0.5	<0.2
1097402	Soil	50	7	0.14	34	<0.001	3	0.27	0.004	0.05	<0.1	0.04	3.2	0.3	0.06	<1	0.9	<0.2
1097404	Soil	53	5	0.08	20	<0.001	2	0.12	0.003	0.05	<0.1	0.04	2.2	0.2	0.10	<1	<0.5	<0.2
1097401	Soil	34	12	0.26	97	0.004	1	0.75	0.005	0.04	<0.1	0.04	1.6	<0.1	0.08	2	0.8	<0.2
1097405	Soil	44	16	0.32	45	0.002	1	0.87	0.005	0.07	<0.1	0.02	2.4	0.1	0.07	3	0.6	<0.2
1097406	Soil	60	14	0.42	35	0.001	<1	1.04	0.005	0.04	<0.1	0.02	2.2	<0.1	<0.05	3	0.5	<0.2
1097407	Soil	61	14	0.32	34	0.002	<1	1.03	0.005	0.05	<0.1	0.02	2.4	<0.1	<0.05	3	0.7	<0.2
1097408	Soil	56	19	0.41	55	0.002	<1	1.22	0.004	0.04	<0.1	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1097409	Soil	58	17	0.37	38	0.005	<1	1.18	0.004	0.04	<0.1	0.03	1.4	<0.1	<0.05	4	0.6	<0.2
1097410	Soil	42	12	0.19	108	0.003	1	0.95	0.004	0.03	<0.1	0.04	2.0	0.1	<0.05	2	<0.5	<0.2

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Project: MHR
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1097411	Soil	2.0	45.3	26.6	95	0.1	35.3	19.3	492	4.28	12.9	2.2	0.5	3.6	12	0.1	4.8	0.5	17	0.04	0.074
1097412	Soil	1.0	69.3	31.4	114	<0.1	54.5	25.6	337	4.54	12.4	2.5	4.7	24.8	17	<0.1	7.2	0.7	4	0.06	0.037
1097413	Soil	1.2	46.7	24.3	102	0.1	42.2	16.6	273	4.14	13.9	2.2	5.5	15.7	9	0.2	2.5	0.4	15	0.03	0.044
1097414	Soil	1.3	53.3	29.2	101	0.2	39.9	15.2	289	4.81	12.8	2.9	2.6	16.4	15	<0.1	2.0	0.5	12	0.14	0.048
1097415	Soil	1.5	50.9	35.6	113	0.2	44.5	20.1	558	4.59	11.5	3.0	1.6	11.8	17	0.2	1.9	0.6	15	0.17	0.066
1097416	Soil	1.1	42.4	21.7	79	0.3	34.8	16.9	282	3.63	28.1	1.4	4.8	14.4	14	0.1	8.0	0.4	9	0.09	0.036
1097418	Soil	1.3	40.9	24.0	87	0.2	36.3	22.7	1037	4.10	15.4	1.4	2.3	9.7	12	0.1	2.5	0.5	12	0.05	0.056
1097417	Soil	1.6	49.5	31.7	106	<0.1	41.1	25.6	669	4.64	11.8	2.8	4.9	15.7	11	<0.1	1.6	0.5	14	0.05	0.053
1097420	Soil	1.2	48.8	33.5	101	0.7	38.0	17.8	438	4.09	27.9	2.0	4.1	16.9	11	0.2	3.0	0.4	11	0.03	0.037
1097419	Soil	1.0	54.7	28.9	103	0.3	55.4	23.5	675	4.71	18.5	3.4	3.1	17.3	20	<0.1	3.0	0.5	11	0.16	0.044
1097422	Soil	1.1	55.2	37.7	128	1.7	43.1	19.0	451	4.87	47.7	2.4	4.4	20.6	13	0.4	3.8	0.5	10	0.05	0.039
1097421	Soil	2.9	74.0	67.5	141	3.0	31.4	13.2	645	6.42	80.1	1.8	13.2	16.1	12	0.6	3.4	1.1	16	0.08	0.089
1097424	Soil	1.2	49.5	36.0	109	0.6	51.8	25.8	573	4.79	47.1	2.4	9.6	21.1	11	0.2	7.2	0.4	10	0.02	0.041
1097423	Soil	2.0	44.6	104.3	131	2.8	34.0	13.3	377	3.52	72.1	1.6	11.6	1.7	9	0.7	6.1	0.5	18	0.05	0.109
1046044	Soil	1.0	17.6	8.8	58	<0.1	16.9	8.3	311	2.00	14.8	2.2	13.3	4.4	18	0.2	1.1	0.2	36	0.21	0.072
1151999	Soil	1.0	22.0	10.6	69	0.2	18.9	8.8	352	2.30	25.9	5.1	15.0	12.7	29	0.2	1.8	0.6	45	0.39	0.096
1046043	Soil	1.2	17.3	9.0	60	0.1	16.1	7.1	327	2.09	14.5	2.5	2.1	6.1	21	0.2	1.2	0.3	41	0.23	0.068
1046048	Soil	1.1	19.9	9.5	60	0.2	15.9	6.4	218	2.07	22.7	1.5	58.1	3.5	20	0.2	1.6	0.4	42	0.21	0.069
1046045	Soil	1.2	21.4	9.2	65	0.2	18.5	7.3	257	2.10	15.7	2.8	3.7	4.8	23	0.2	1.2	0.3	42	0.25	0.079
1046049	Soil	1.8	33.0	16.8	77	0.3	21.5	8.3	262	2.54	30.6	1.6	7.9	5.0	55	0.3	5.8	0.4	60	0.33	0.085
1046046	Soil	1.1	19.0	9.1	61	0.1	17.1	6.5	196	2.19	25.1	2.9	3.3	2.9	21	0.2	1.6	0.4	44	0.20	0.076
1046042	Soil	1.0	17.4	8.9	65	0.1	17.6	7.4	349	2.22	16.2	2.7	2.2	6.7	24	0.3	1.4	0.3	47	0.27	0.075
1151997	Soil	1.1	21.4	10.5	76	0.2	19.4	9.7	460	2.43	25.6	6.0	12.5	10.0	34	0.4	1.6	0.6	47	0.43	0.089
1152000	Soil	1.0	17.9	10.2	68	0.1	18.6	8.6	345	2.35	23.3	4.3	5.9	11.8	28	0.2	1.6	0.6	45	0.31	0.095
1046047	Soil	1.2	23.0	10.1	70	0.2	19.1	8.1	289	2.42	28.9	3.5	6.6	7.5	28	0.2	1.8	0.4	50	0.29	0.087
1046050	Soil	1.6	27.5	12.4	75	0.3	24.4	9.6	247	2.56	40.3	1.3	4.8	1.7	32	0.2	3.1	0.4	57	0.23	0.080
1046041	Soil	1.0	20.2	10.8	74	<0.1	19.8	10.2	424	2.52	19.9	2.6	2.3	8.7	27	0.2	1.5	0.4	48	0.30	0.088
1151991	Soil	0.8	41.1	12.2	83	0.3	20.7	8.8	657	2.05	34.2	2.0	2.3	1.8	61	0.5	2.8	0.3	49	1.29	0.081
1151993	Soil	1.2	118.1	12.6	89	0.8	32.3	13.8	470	2.38	170.5	3.3	54.8	3.2	81	0.7	2.5	5.3	78	1.31	0.084
1151998	Soil	1.5	21.2	12.9	79	0.3	19.7	9.8	443	2.91	33.2	5.5	37.1	8.1	35	0.2	1.8	0.8	58	0.39	0.087

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1097411	Soil	46	15	0.19	44	0.003	1	0.64	0.005	0.04	<0.1	0.02	1.2	<0.1	<0.05	2	0.5	<0.2
1097412	Soil	71	5	0.10	39	<0.001	<1	0.33	0.005	0.07	<0.1	0.03	2.7	<0.1	<0.05	<1	0.6	<0.2
1097413	Soil	48	13	0.26	48	0.004	<1	0.79	0.004	0.04	<0.1	0.03	1.8	<0.1	<0.05	2	0.5	<0.2
1097414	Soil	48	16	0.43	43	0.001	<1	1.13	0.005	0.04	<0.1	0.02	1.9	<0.1	<0.05	3	0.7	<0.2
1097415	Soil	45	17	0.36	77	0.003	<1	1.10	0.005	0.05	<0.1	0.02	1.8	<0.1	0.06	3	<0.5	<0.2
1097416	Soil	58	8	0.20	57	0.002	<1	0.58	0.004	0.06	<0.1	0.02	1.8	<0.1	0.05	2	<0.5	<0.2
1097418	Soil	52	11	0.15	61	0.002	<1	0.61	0.005	0.07	<0.1	0.02	1.5	<0.1	0.06	2	<0.5	<0.2
1097417	Soil	53	15	0.34	45	0.005	<1	0.95	0.004	0.04	<0.1	0.03	1.6	<0.1	<0.05	3	0.8	<0.2
1097420	Soil	61	10	0.17	50	0.003	<1	0.70	0.004	0.06	<0.1	0.02	1.8	<0.1	0.05	2	0.7	<0.2
1097419	Soil	61	13	0.28	48	0.002	<1	0.76	0.004	0.05	<0.1	0.02	2.3	<0.1	0.06	2	<0.5	<0.2
1097422	Soil	56	12	0.34	33	0.001	<1	0.85	0.005	0.05	<0.1	0.02	2.2	<0.1	<0.05	2	<0.5	<0.2
1097421	Soil	25	25	0.45	44	0.003	1	1.27	0.006	0.07	<0.1	0.03	1.5	<0.1	0.07	4	0.6	<0.2
1097424	Soil	60	10	0.14	42	0.003	<1	0.67	0.004	0.05	<0.1	0.02	2.1	<0.1	<0.05	2	<0.5	<0.2
1097423	Soil	22	20	0.18	50	0.006	1	0.64	0.007	0.05	<0.1	0.09	0.9	<0.1	0.07	3	0.7	<0.2
1046044	Soil	20	21	0.41	182	0.044	<1	1.21	0.006	0.07	0.5	0.03	2.5	0.2	<0.05	3	0.9	<0.2
1151999	Soil	33	31	0.55	314	0.099	1	1.31	0.010	0.15	1.1	0.03	3.5	0.4	<0.05	5	0.6	<0.2
1046043	Soil	22	25	0.44	230	0.064	<1	1.14	0.008	0.08	0.6	0.03	2.7	0.2	<0.05	4	0.5	<0.2
1046048	Soil	15	25	0.42	214	0.050	<1	1.25	0.006	0.07	0.4	0.03	2.8	0.2	<0.05	4	0.7	<0.2
1046045	Soil	19	26	0.46	259	0.057	<1	1.25	0.007	0.08	0.5	0.02	3.3	0.2	<0.05	4	<0.5	<0.2
1046049	Soil	15	34	0.64	507	0.078	<1	1.46	0.014	0.11	0.3	0.02	4.2	0.3	<0.05	5	0.6	<0.2
1046046	Soil	19	27	0.46	197	0.053	2	1.47	0.007	0.08	0.6	0.02	2.0	0.2	<0.05	5	<0.5	<0.2
1046042	Soil	23	27	0.49	248	0.072	3	1.24	0.008	0.09	0.7	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1151997	Soil	35	31	0.54	357	0.080	4	1.36	0.011	0.12	1.4	0.04	3.0	0.3	<0.05	5	<0.5	<0.2
1152000	Soil	28	29	0.56	301	0.083	2	1.41	0.009	0.12	1.6	0.03	2.6	0.3	<0.05	5	<0.5	<0.2
1046047	Soil	23	31	0.54	292	0.080	1	1.41	0.011	0.11	0.6	0.02	3.2	0.3	<0.05	5	<0.5	<0.2
1046050	Soil	16	32	0.56	383	0.043	2	1.64	0.008	0.08	0.3	0.03	2.5	0.2	<0.05	5	<0.5	<0.2
1046041	Soil	25	29	0.57	232	0.087	2	1.39	0.010	0.12	1.2	0.03	2.5	0.2	<0.05	5	<0.5	<0.2
1151991	Soil	13	29	0.68	330	0.043	3	1.52	0.022	0.08	0.2	0.04	2.2	0.2	0.08	5	0.9	<0.2
1151993	Soil	14	37	1.20	232	0.074	3	2.39	0.064	0.16	0.8	0.06	3.2	0.3	0.05	8	1.7	<0.2
1151998	Soil	32	35	0.57	410	0.087	3	1.73	0.011	0.12	1.0	0.05	3.5	0.4	<0.05	6	0.6	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1151988	Soil	0.5	38.7	11.2	59	0.2	21.5	9.0	312	2.12	29.1	1.9	6.0	3.6	62	0.5	1.3	0.8	44	1.37	0.070
1151996	Soil	1.4	20.7	10.7	82	0.2	21.1	9.3	404	2.59	29.8	3.5	26.5	9.4	34	0.2	1.9	0.7	52	0.44	0.097
1151989	Soil	0.5	50.8	15.6	72	0.3	24.7	10.4	343	2.24	31.2	2.6	3.3	3.1	63	0.4	2.0	0.8	46	1.54	0.068
1151994	Soil	0.6	63.5	13.3	73	0.4	23.5	10.5	500	2.09	103.7	2.5	8.0	3.4	112	0.6	2.0	1.5	46	2.10	0.073
1151992	Soil	0.4	39.1	18.5	98	0.4	19.1	7.9	236	1.79	16.1	2.4	5.0	2.2	56	1.8	4.4	0.6	45	1.25	0.087
1151995	Soil	0.4	36.3	9.6	61	0.2	23.8	9.5	344	2.36	45.7	1.0	3.4	4.7	124	0.3	1.1	0.6	48	1.76	0.053
1151990	Soil	0.9	47.5	10.7	74	0.3	23.8	8.8	389	2.11	42.5	2.5	2.4	2.9	62	0.6	2.3	0.6	51	1.43	0.079
1151987	Soil	0.5	35.3	10.5	53	0.2	18.9	8.6	339	1.91	27.1	0.9	6.1	2.1	43	0.4	0.9	1.2	34	0.81	0.072
1151828	Soil	0.8	14.4	18.1	57	0.4	15.8	6.3	272	2.06	18.4	0.6	4.5	3.5	15	0.3	0.7	0.2	29	0.15	0.031
1151830	Soil	0.7	23.3	24.6	69	0.4	21.9	11.2	561	2.79	24.5	0.9	5.6	10.8	13	0.2	1.0	0.3	19	0.13	0.041
1151829	Soil	0.6	21.3	23.1	65	0.7	20.1	7.3	292	2.70	24.6	0.9	6.8	7.1	15	0.2	0.7	0.3	20	0.15	0.050
1151833	Soil	0.4	33.6	28.8	68	0.7	25.9	10.8	469	2.70	40.7	1.6	10.5	14.1	20	0.1	2.5	0.3	8	0.20	0.042
1151832	Soil	0.8	27.8	29.5	75	0.3	25.5	14.6	633	2.94	34.0	1.0	8.0	12.9	15	0.3	1.8	0.4	11	0.16	0.035
1151831	Soil	0.7	28.0	32.5	80	0.7	23.9	10.4	502	2.64	33.8	0.9	4.4	11.7	20	0.4	1.1	0.3	17	0.24	0.051

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Project: MHR
Report Date: September 24, 2011

CERTIFICATE OF ANALYSIS DAW11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1151988	Soil	15	26	0.63	320	0.052	4	1.74	0.078	0.09	0.4	0.06	2.7	0.2	<0.05	5	0.8	<0.2
1151996	Soil	26	32	0.59	345	0.079	3	1.50	0.013	0.14	1.6	0.03	2.9	0.3	<0.05	5	<0.5	<0.2
1151989	Soil	17	34	0.87	326	0.066	3	2.13	0.072	0.12	0.2	0.05	3.2	0.3	0.06	6	1.3	<0.2
1151994	Soil	17	29	0.90	229	0.056	4	2.12	0.087	0.14	0.5	0.06	2.7	0.3	0.06	6	1.0	<0.2
1151992	Soil	13	24	0.62	266	0.040	3	1.41	0.016	0.07	0.2	0.05	2.2	0.2	0.07	4	<0.5	<0.2
1151995	Soil	15	39	1.52	271	0.102	3	3.05	0.191	0.20	0.7	0.02	3.4	0.3	<0.05	8	<0.5	<0.2
1151990	Soil	12	32	0.81	315	0.059	4	1.70	0.026	0.12	0.2	0.02	2.6	0.2	0.07	5	0.8	<0.2
1151987	Soil	17	22	0.45	274	0.033	2	1.57	0.038	0.06	0.5	0.04	2.2	0.1	<0.05	5	<0.5	<0.2
1151828	Soil	22	18	0.33	182	0.015	<1	1.25	0.006	0.07	0.2	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
1151830	Soil	34	16	0.34	134	0.009	<1	1.11	0.004	0.08	0.1	0.03	1.3	0.1	<0.05	3	<0.5	<0.2
1151829	Soil	31	18	0.40	184	0.008	1	1.37	0.005	0.08	0.2	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1151833	Soil	36	13	0.30	64	0.002	<1	0.89	0.003	0.08	0.1	0.03	1.3	0.2	<0.05	3	<0.5	<0.2
1151832	Soil	36	15	0.32	88	0.002	1	0.96	0.004	0.08	<0.1	0.03	1.1	0.1	<0.05	3	0.7	<0.2
1151831	Soil	33	14	0.36	148	0.010	<1	1.00	0.005	0.11	<0.1	0.02	1.9	0.1	<0.05	3	<0.5	<0.2

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Project: MHR
Report Date: September 24, 2011

QUALITY CONTROL REPORT DAW11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1096455	Soil	0.8	25.3	14.3	69	<0.1	22.3	10.0	296	2.57	8.0	1.6	1.3	5.1	12	0.1	1.6	0.2	30	0.09	0.044
REP 1096455	QC	0.8	24.0	13.9	66	0.1	20.4	9.4	283	2.47	7.2	1.6	4.3	4.9	11	0.1	1.5	0.2	29	0.09	0.043
1096463	Soil	0.7	15.1	16.8	64	<0.1	14.9	6.7	225	2.30	10.2	1.2	2.3	2.5	12	0.2	3.0	0.2	38	0.11	0.049
REP 1096463	QC	0.8	14.1	16.8	60	<0.1	14.5	6.5	215	2.22	10.1	1.1	4.1	2.5	11	0.1	2.8	0.2	35	0.10	0.047
1097192	Soil	0.8	14.2	10.1	42	<0.1	15.2	5.6	154	2.09	6.9	0.9	<0.5	1.8	7	<0.1	0.5	0.2	26	0.05	0.036
REP 1097192	QC	0.8	13.7	10.1	38	<0.1	14.3	5.5	150	2.02	6.5	0.9	3.5	1.9	6	<0.1	0.5	0.2	25	0.05	0.033
1097074	Soil	0.8	24.8	14.6	62	<0.1	28.0	16.7	384	2.69	6.7	1.3	<0.5	7.9	8	<0.1	0.7	0.1	24	0.06	0.041
REP 1097074	QC	0.8	24.6	15.0	63	<0.1	28.3	16.8	393	2.71	6.8	1.3	<0.5	8.0	8	0.1	0.7	0.1	24	0.06	0.041
1097354	Soil	0.8	11.8	14.1	37	<0.1	9.7	5.0	196	1.86	7.8	0.6	3.9	0.8	7	0.1	0.9	0.2	30	0.06	0.036
REP 1097354	QC	0.8	11.3	14.6	39	<0.1	9.9	5.0	198	1.87	8.5	0.7	7.2	0.7	7	<0.1	0.8	0.2	31	0.06	0.037
1097485	Soil	0.9	16.4	13.0	43	<0.1	15.4	6.5	230	2.13	8.7	1.0	2.1	1.5	10	<0.1	1.4	0.2	35	0.09	0.041
REP 1097485	QC	1.1	16.6	14.2	43	<0.1	14.2	6.4	234	2.19	9.6	1.0	1.2	1.7	10	0.1	1.6	0.2	35	0.08	0.043
1099078	Soil	1.2	51.9	26.2	103	0.1	47.9	20.2	397	4.64	14.4	2.8	2.5	13.0	18	<0.1	3.4	0.5	14	0.16	0.043
REP 1099078	QC	1.1	51.0	26.2	102	0.1	48.0	19.3	397	4.48	13.8	2.8	2.9	13.1	17	<0.1	3.5	0.6	13	0.14	0.041
1099067	Soil	1.5	48.7	33.9	102	0.1	40.4	19.7	389	4.66	11.9	2.2	2.1	18.1	11	<0.1	2.7	0.5	15	0.02	0.049
REP 1099067	QC	1.4	49.2	34.0	99	0.1	42.3	20.3	391	4.62	12.0	2.2	2.7	18.1	11	<0.1	2.8	0.5	15	0.02	0.050
1097404	Soil	1.4	58.4	45.0	114	0.1	54.1	33.1	589	3.80	30.0	2.2	8.8	23.7	20	<0.1	18.1	0.8	3	0.22	0.044
REP 1097404	QC	1.5	58.7	44.4	111	0.1	54.7	32.3	586	3.89	30.7	2.1	6.8	23.0	20	0.1	18.0	0.8	3	0.22	0.042
1151999	Soil	1.0	22.0	10.6	69	0.2	18.9	8.8	352	2.30	25.9	5.1	15.0	12.7	29	0.2	1.8	0.6	45	0.39	0.096
REP 1151999	QC	1.0	21.8	10.7	68	0.1	18.9	8.6	355	2.25	24.2	5.1	12.7	12.9	29	0.1	1.9	0.6	45	0.39	0.093
1046047	Soil	1.2	23.0	10.1	70	0.2	19.1	8.1	289	2.42	28.9	3.5	6.6	7.5	28	0.2	1.8	0.4	50	0.29	0.087
REP 1046047	QC	1.2	23.6	10.5	72	0.1	20.0	8.0	296	2.40	30.4	3.5	13.9	7.9	29	0.2	1.8	0.4	50	0.31	0.090
Reference Materials																					
STD DS8	Standard	12.3	103.6	122.2	304	1.8	35.1	7.2	584	2.39	24.5	2.7	109.8	6.3	60	2.2	5.4	6.2	40	0.63	0.078
STD DS8	Standard	11.8	103.0	113.9	299	1.7	36.0	7.1	572	2.32	23.5	2.6	115.6	6.0	60	2.3	4.9	5.9	38	0.65	0.077
STD DS8	Standard	13.2	111.4	123.6	315	1.8	37.6	7.6	601	2.45	25.4	2.8	120.5	6.5	67	2.3	5.4	6.5	42	0.67	0.079
STD DS8	Standard	15.5	123.8	130.6	322	1.8	42.7	8.7	642	2.61	28.8	3.0	105.0	7.9	69	2.2	5.4	5.5	50	0.76	0.087
STD DS8	Standard	14.5	121.6	138.6	339	2.1	41.6	8.2	642	2.65	26.2	2.9	134.0	7.2	69	2.5	6.1	7.3	45	0.75	0.086

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Project: MHR
Report Date: September 24, 2011

QUALITY CONTROL REPORT DAW11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1096455	Soil	31	23	0.51	149	0.019	1	1.37	0.005	0.03	0.1	0.02	2.0	<0.1	<0.05	4	0.7	<0.2
REP 1096455	QC	30	21	0.49	142	0.018	1	1.29	0.005	0.03	0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
1096463	Soil	20	27	0.45	130	0.027	<1	1.29	0.005	0.04	0.1	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
REP 1096463	QC	19	26	0.43	126	0.024	<1	1.23	0.004	0.04	0.2	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1097192	Soil	20	19	0.32	75	0.009	<1	1.03	0.003	0.02	0.1	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2
REP 1097192	QC	18	18	0.31	69	0.007	1	0.98	0.003	0.02	0.1	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
1097074	Soil	29	15	0.34	81	0.012	<1	0.95	0.003	0.03	<0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
REP 1097074	QC	29	15	0.34	82	0.011	<1	0.96	0.003	0.03	<0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1097354	Soil	15	16	0.24	70	0.014	<1	0.89	0.003	0.02	0.1	0.03	0.8	<0.1	<0.05	4	<0.5	<0.2
REP 1097354	QC	15	17	0.24	72	0.015	<1	0.89	0.003	0.03	0.1	0.03	0.8	<0.1	<0.05	4	<0.5	<0.2
1097485	Soil	20	20	0.31	96	0.019	<1	1.07	0.004	0.04	0.2	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
REP 1097485	QC	20	20	0.32	96	0.018	<1	1.13	0.005	0.04	0.1	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1099078	Soil	47	15	0.22	62	0.002	<1	0.64	0.005	0.03	<0.1	0.03	2.4	<0.1	<0.05	2	0.6	<0.2
REP 1099078	QC	45	14	0.21	61	0.001	<1	0.63	0.005	0.03	<0.1	0.03	2.2	<0.1	<0.05	2	<0.5	<0.2
1099067	Soil	48	16	0.26	43	0.003	<1	1.25	0.005	0.04	<0.1	0.04	1.8	<0.1	<0.05	2	<0.5	<0.2
REP 1099067	QC	48	16	0.26	42	0.003	<1	1.25	0.005	0.04	<0.1	0.04	1.8	<0.1	<0.05	3	0.7	<0.2
1097404	Soil	53	5	0.08	20	<0.001	2	0.12	0.003	0.05	<0.1	0.04	2.2	0.2	0.10	<1	<0.5	<0.2
REP 1097404	QC	50	5	0.07	20	<0.001	3	0.12	0.003	0.05	<0.1	0.03	2.2	0.2	0.12	<1	<0.5	<0.2
1151999	Soil	33	31	0.55	314	0.099	1	1.31	0.010	0.15	1.1	0.03	3.5	0.4	<0.05	5	0.6	<0.2
REP 1151999	QC	32	31	0.56	312	0.090	1	1.26	0.009	0.15	1.1	0.03	3.4	0.3	<0.05	5	0.8	<0.2
1046047	Soil	23	31	0.54	292	0.080	1	1.41	0.011	0.11	0.6	0.02	3.2	0.3	<0.05	5	<0.5	<0.2
REP 1046047	QC	22	30	0.58	287	0.077	2	1.47	0.010	0.11	0.7	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	111	0.57	263	0.110	<1	0.84	0.080	0.39	2.9	0.22	1.9	5.3	0.13	4	5.2	4.8
STD DS8	Standard	14	107	0.56	258	0.107	2	0.83	0.079	0.39	2.7	0.18	2.0	5.0	0.16	4	4.2	4.8
STD DS8	Standard	15	113	0.60	274	0.116	2	0.90	0.092	0.42	2.9	0.21	2.4	5.4	0.18	5	5.8	5.4
STD DS8	Standard	17	131	0.65	278	0.138	3	0.98	0.110	0.43	3.0	0.19	2.7	5.4	0.23	5	5.3	4.9
STD DS8	Standard	16	129	0.66	299	0.128	3	0.97	0.091	0.45	3.3	0.21	3.4	5.8	0.20	5	5.7	5.6

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 24, 2011

QUALITY CONTROL REPORT DAW11000326.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.4	106.0	120.3	314	1.9	36.5	7.6	611	2.45	25.0	2.7	114.7	6.7	67	2.5	5.3	6.7	42	0.67	0.081
STD DS8	Standard	13.3	105.9	130.3	316	2.0	37.9	7.5	644	2.59	26.7	3.0	126.4	7.1	75	2.3	6.1	7.2	43	0.76	0.087
STD DS8	Standard	13.1	113.7	125.5	313	1.8	39.1	7.5	605	2.44	25.3	2.8	114.6	6.6	65	2.2	5.7	6.5	43	0.68	0.081
STD DS8	Standard	13.5	116.9	123.0	318	1.8	38.9	8.1	635	2.52	26.0	2.7	126.3	6.6	66	2.3	5.7	6.6	46	0.72	0.089
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 24, 2011

QUALITY CONTROL REPORT DAW11000326.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	14	113	0.61	271	0.113	3	0.96	0.106	0.43	3.0	0.18	2.6	5.1	0.19	5	6.3	4.7
STD DS8	Standard	17	120	0.67	304	0.123	2	1.01	0.104	0.46	3.2	0.22	2.6	5.5	0.18	5	6.0	5.3
STD DS8	Standard	15	119	0.61	275	0.117	2	0.90	0.087	0.42	2.8	0.20	2.2	5.5	0.16	5	5.0	5.4
STD DS8	Standard	16	124	0.64	289	0.120	3	0.98	0.103	0.43	3.0	0.21	2.4	5.5	0.21	5	5.3	5.0
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 21, 2011
Report Date: October 05, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS DAW11000330.1

CLIENT JOB INFORMATION

Project: MAY
Shipment ID: MAY2011-02
P.O. Number
Number of Samples: 147

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	147	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	147	Dry at 60C			WHI
1DX2	147	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: MAY
Report Date: October 05, 2011

CERTIFICATE OF ANALYSIS DAW11000330.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098252	Soil	0.7	31.1	16.6	66	0.6	23.7	9.8	350	2.49	28.5	1.2	20.6	3.2	7	0.2	1.2	0.3	30	0.07	0.042
1098256	Soil	0.7	32.4	26.1	76	0.2	22.8	11.3	487	2.45	24.0	0.9	4.1	6.3	7	0.3	1.1	0.3	24	0.07	0.039
1098258	Soil	0.6	29.7	32.8	93	1.6	25.5	7.9	488	2.50	45.2	1.4	10.3	5.9	11	0.3	1.9	0.3	23	0.11	0.045
1138583	Soil	0.9	24.6	16.0	59	0.1	18.7	8.1	335	2.36	16.7	1.4	23.5	2.0	6	0.2	1.2	0.3	32	0.06	0.048
1098257	Soil	0.7	22.2	26.1	66	0.8	18.8	7.6	316	2.23	23.2	1.0	2.6	3.5	11	0.2	1.1	0.2	27	0.11	0.042
1098262	Soil	0.6	18.3	28.3	59	0.4	19.1	7.6	453	2.21	65.5	0.8	8.7	3.9	8	0.2	2.7	0.3	22	0.13	0.041
1138585	Soil	0.8	21.2	17.1	69	0.1	18.3	9.0	366	2.34	13.0	1.3	1.9	1.5	9	0.2	0.8	0.2	37	0.09	0.069
1098261	Soil	0.6	24.8	80.9	138	1.6	23.5	10.1	708	2.51	65.2	1.0	8.6	7.7	12	0.5	4.2	0.3	23	0.17	0.044
1138591	Soil	1.0	34.7	20.8	74	0.5	24.6	13.5	567	2.98	19.0	1.6	7.7	4.4	11	0.2	1.2	0.3	38	0.10	0.068
1138592	Soil	1.0	29.9	20.1	74	0.9	23.3	10.2	354	2.55	16.4	1.7	3.2	5.1	13	0.2	1.4	0.2	35	0.15	0.063
1098259	Soil	0.6	25.8	40.5	80	2.0	25.7	11.3	926	2.38	52.2	1.3	9.4	5.3	11	0.3	1.9	0.3	22	0.08	0.043
1138582	Soil	0.5	25.7	52.5	86	3.0	26.3	11.6	621	2.36	43.4	1.1	12.2	8.3	9	0.4	2.4	0.2	21	0.10	0.035
1098260	Soil	0.5	26.0	53.9	92	3.1	27.5	11.5	645	2.45	44.7	1.1	12.5	8.9	9	0.4	2.4	0.2	23	0.10	0.036
1138589	Soil	0.7	33.6	14.2	62	<0.1	29.2	15.9	328	2.30	12.2	1.2	3.3	8.3	12	0.2	0.9	0.2	29	0.12	0.046
1138584	Soil	0.8	28.0	16.2	64	<0.1	22.2	10.5	406	2.47	17.2	1.8	3.3	2.1	9	0.1	1.4	0.2	36	0.08	0.051
1138588	Soil	0.8	27.3	15.1	55	<0.1	24.5	13.2	320	2.14	14.3	1.1	15.8	4.7	10	0.2	1.3	0.3	29	0.11	0.049
1138587	Soil	0.9	30.7	18.6	68	0.3	20.5	9.3	281	2.48	15.4	1.4	11.0	1.1	8	0.2	1.0	0.3	37	0.08	0.078
1138590	Soil	0.8	19.8	14.1	61	0.2	21.8	12.2	409	2.28	11.3	0.8	1.9	4.6	9	0.2	0.8	0.2	30	0.08	0.036
1138586	Soil	0.8	36.1	19.9	70	0.1	25.6	12.2	467	2.68	11.6	2.0	2.5	1.2	12	0.2	1.2	0.4	24	0.10	0.084
1138593	Soil	0.8	28.0	18.5	62	1.2	19.7	6.2	144	2.17	14.2	1.4	11.8	4.3	12	0.2	1.2	0.2	37	0.15	0.065
1138644	Soil	1.0	70.2	13.3	467	0.6	27.6	11.1	340	2.63	186.8	1.5	5.6	5.7	39	3.8	0.5	0.8	37	0.29	0.064
1138640	Soil	0.9	116.7	13.5	1149	0.6	25.9	13.6	483	2.68	147.7	1.5	11.6	6.9	35	9.5	0.6	2.3	40	0.23	0.082
1138641	Soil	1.0	160.1	14.7	1290	0.9	30.7	16.3	628	2.93	416.5	1.8	19.0	8.3	31	12.6	0.7	4.2	38	0.20	0.075
1143611	Soil	0.8	62.3	27.6	178	0.3	35.5	20.6	413	3.31	115.2	2.9	5.6	5.8	87	1.5	0.5	0.9	29	0.39	0.085
1138637	Soil	0.9	48.8	10.0	409	0.2	19.2	8.1	378	2.38	75.0	1.1	9.0	3.9	13	2.9	0.7	0.9	38	0.13	0.052
1143615	Soil	0.8	41.5	19.7	126	0.3	31.2	12.0	301	3.16	108.1	2.3	7.8	4.2	39	0.5	0.5	0.8	38	0.15	0.066
1138636	Soil	0.7	43.2	9.4	369	0.2	19.2	8.7	378	2.33	68.0	1.1	9.5	4.8	14	4.0	0.7	0.9	36	0.12	0.049
1143614	Soil	0.7	41.2	18.4	126	0.3	29.8	14.5	389	2.96	115.2	2.1	17.6	5.2	33	0.7	0.5	0.8	31	0.15	0.069
1138638	Soil	1.1	87.9	10.3	664	0.4	22.2	9.8	490	2.39	83.3	1.0	11.0	4.0	17	4.9	0.8	1.2	40	0.16	0.060
1143616	Soil	0.7	34.6	17.6	129	0.1	26.0	10.2	307	2.67	83.8	1.8	5.1	4.1	32	0.6	0.5	0.6	33	0.17	0.061

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Project: MAY
Report Date: October 05, 2011

CERTIFICATE OF ANALYSIS DAW11000330.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098252	Soil		22	21	0.36	109	0.011	1	1.20	0.003	0.04	0.2	0.04	1.3	0.2	<0.05	3	<0.5	<0.2
1098256	Soil		27	18	0.35	82	0.007	1	1.02	0.003	0.04	0.2	0.02	1.0	0.1	<0.05	3	<0.5	<0.2
1098258	Soil		25	19	0.35	132	0.006	<1	1.13	0.003	0.03	0.2	0.03	1.6	0.2	<0.05	3	<0.5	<0.2
1138583	Soil		17	20	0.32	104	0.010	<1	1.13	0.003	0.03	0.4	0.03	1.1	0.2	<0.05	3	<0.5	<0.2
1098257	Soil		25	18	0.36	99	0.011	<1	1.07	0.004	0.04	0.2	0.03	1.1	0.2	<0.05	4	<0.5	<0.2
1098262	Soil		25	15	0.29	103	0.008	2	1.00	0.004	0.04	0.2	0.03	1.2	0.2	<0.05	3	<0.5	<0.2
1138585	Soil		19	22	0.37	99	0.022	<1	1.21	0.004	0.04	0.3	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1098261	Soil		27	15	0.36	136	0.007	<1	1.06	0.003	0.05	0.1	0.03	1.2	0.2	<0.05	3	<0.5	<0.2
1138591	Soil		31	24	0.45	101	0.021	<1	1.41	0.004	0.04	0.3	0.03	1.5	0.1	<0.05	5	<0.5	<0.2
1138592	Soil		26	22	0.44	94	0.029	1	1.28	0.005	0.04	0.3	0.04	1.7	0.1	<0.05	4	<0.5	<0.2
1098259	Soil		33	16	0.31	111	0.009	<1	1.03	0.004	0.05	0.2	0.03	1.2	0.2	<0.05	3	<0.5	<0.2
1138582	Soil		29	16	0.35	132	0.008	<1	1.03	0.003	0.04	0.2	0.04	1.5	0.1	<0.05	3	<0.5	<0.2
1098260	Soil		30	17	0.36	136	0.008	<1	1.03	0.003	0.04	0.2	0.03	1.5	0.1	<0.05	3	<0.5	<0.2
1138589	Soil		29	20	0.44	122	0.026	<1	1.19	0.004	0.05	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1138584	Soil		23	23	0.38	123	0.017	1	1.28	0.004	0.04	0.2	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1138588	Soil		20	18	0.32	115	0.019	<1	0.97	0.004	0.04	0.3	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1138587	Soil		25	22	0.40	84	0.011	<1	1.35	0.005	0.04	0.2	0.03	0.9	<0.1	<0.05	4	<0.5	<0.2
1138590	Soil		20	19	0.38	107	0.019	<1	1.15	0.004	0.04	0.2	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1138586	Soil		47	22	0.45	81	0.007	<1	1.30	0.006	0.05	0.2	0.05	0.5	<0.1	0.06	5	<0.5	<0.2
1138593	Soil		22	22	0.37	153	0.027	1	1.19	0.005	0.05	0.4	0.04	1.9	0.1	<0.05	4	<0.5	<0.2
1138644	Soil		22	27	0.41	184	0.033	1	1.58	0.017	0.13	0.4	0.03	2.3	0.5	0.05	5	<0.5	<0.2
1138640	Soil		21	26	0.39	217	0.036	1	1.52	0.009	0.13	3.0	0.07	1.9	0.5	<0.05	5	<0.5	<0.2
1138641	Soil		23	28	0.41	249	0.035	1	1.89	0.012	0.16	4.2	0.04	2.3	0.8	<0.05	6	<0.5	<0.2
1143611	Soil		49	27	0.65	213	0.011	1	1.90	0.013	0.09	0.1	0.05	1.6	0.4	0.08	6	<0.5	<0.2
1138637	Soil		20	23	0.36	128	0.034	1	1.26	0.006	0.07	1.6	0.04	1.7	0.4	<0.05	4	<0.5	<0.2
1143615	Soil		33	29	0.62	140	0.015	<1	1.91	0.008	0.07	0.2	0.03	1.7	0.3	<0.05	6	<0.5	<0.2
1138636	Soil		23	21	0.35	129	0.034	<1	1.14	0.006	0.09	1.4	0.04	1.6	0.4	<0.05	4	<0.5	<0.2
1143614	Soil		31	26	0.56	105	0.013	<1	1.56	0.007	0.07	0.4	0.03	1.4	0.3	<0.05	5	<0.5	<0.2
1138638	Soil		17	24	0.36	168	0.030	<1	1.34	0.007	0.07	1.8	0.05	1.8	0.3	<0.05	4	<0.5	<0.2
1143616	Soil		29	25	0.50	126	0.017	<1	1.46	0.007	0.06	0.3	0.03	1.6	0.3	<0.05	5	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 05, 2011

CERTIFICATE OF ANALYSIS DAW11000330.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1138639	Soil	0.9	106.9	9.8	736	0.6	20.8	9.0	340	2.39	132.3	1.1	28.1	3.6	19	4.4	0.8	1.9	35	0.15	0.073
1143613	Soil	0.6	41.8	17.5	137	0.2	32.4	16.0	379	3.06	109.1	2.0	7.2	11.4	32	0.6	0.5	0.7	30	0.14	0.060
1138645	Soil	0.8	63.3	13.2	321	0.5	32.6	13.4	400	2.85	219.2	1.5	10.9	6.9	35	2.3	0.6	0.9	33	0.19	0.047
1138642	Soil	0.9	84.3	11.5	820	0.5	19.2	9.2	511	2.47	265.5	1.2	3.6	1.0	22	10.4	0.5	1.6	35	0.21	0.069
1138643	Soil	0.8	100.7	14.0	586	0.4	20.6	7.7	337	2.39	348.1	1.5	15.1	1.4	26	5.7	0.5	1.0	37	0.28	0.058
1143609	Soil	1.3	46.8	22.2	184	0.2	43.1	18.1	370	3.57	92.9	2.6	5.9	15.4	43	1.6	0.5	0.8	29	0.19	0.075
1143610	Soil	0.8	55.1	22.7	154	0.2	38.5	24.8	382	3.28	140.1	2.0	8.1	12.9	58	0.8	0.5	0.8	24	0.14	0.061
1138646	Soil	1.1	20.3	11.4	114	0.2	10.8	4.4	162	2.19	177.6	0.7	5.2	4.0	11	0.5	0.5	1.0	33	0.05	0.044
1143601	Soil	0.6	36.9	14.9	178	0.3	33.3	13.5	287	2.50	90.8	1.3	6.8	6.7	60	1.6	0.5	0.6	29	0.23	0.064
1138647	Soil	0.8	53.6	18.6	344	0.5	26.3	11.1	489	2.80	132.3	1.1	8.0	4.3	24	2.6	0.6	0.8	33	0.20	0.044
1143612	Soil	0.8	45.0	17.4	147	0.2	33.9	13.9	326	3.46	132.5	1.8	7.2	12.7	40	0.8	0.5	0.8	26	0.17	0.061
1138635	Soil	0.8	54.9	9.9	602	0.2	22.8	9.1	443	2.66	87.3	1.0	7.8	6.1	14	4.4	0.6	1.7	36	0.10	0.049
1143608	Soil	0.7	30.9	28.5	248	0.4	20.5	8.7	415	2.37	61.7	0.8	6.4	4.0	16	1.9	0.6	0.5	30	0.18	0.063
1143607	Soil	0.7	37.5	49.2	368	0.5	21.8	7.0	317	2.40	84.1	1.0	6.3	5.7	14	2.4	0.7	0.6	27	0.16	0.059
1138649	Soil	0.8	29.3	14.2	210	0.2	22.9	8.5	372	2.46	85.7	0.8	9.1	2.9	20	2.0	0.5	0.7	31	0.14	0.050
1143606	Soil	0.5	46.6	41.1	449	0.9	20.3	9.3	317	2.46	69.0	1.5	8.3	9.7	15	2.4	0.8	1.7	21	0.17	0.047
1143602	Soil	1.1	36.9	60.5	295	1.3	24.8	10.9	617	2.96	112.1	1.2	4.9	2.6	18	3.1	0.6	0.8	34	0.16	0.073
1138648	Soil	0.8	37.2	15.1	237	0.3	21.9	10.1	460	2.42	120.0	1.1	5.9	2.7	26	2.3	0.6	1.0	32	0.18	0.052
1143603	Soil	1.0	78.6	347.0	980	2.6	25.9	11.3	2219	2.76	132.3	1.5	9.7	6.9	8	6.6	1.2	1.2	27	0.07	0.043
1143604	Soil	1.3	33.3	43.4	359	1.0	18.5	10.1	1454	2.59	65.2	0.9	9.7	1.5	7	3.6	0.9	0.7	38	0.07	0.068
1143605	Soil	0.8	62.9	56.3	373	0.6	40.1	21.8	789	3.49	280.9	1.7	12.7	9.8	25	5.1	1.2	1.7	30	0.11	0.047
1099245	Soil	0.6	84.2	9.3	712	0.4	26.6	11.3	367	2.84	505.6	1.3	40.4	5.2	27	8.6	0.9	3.8	40	0.22	0.058
1099242	Soil	0.8	25.6	13.0	108	0.2	18.3	7.9	313	2.16	85.4	1.1	9.4	2.4	18	0.5	0.7	0.3	32	0.18	0.057
1099240	Soil	0.6	40.1	18.4	339	0.3	19.5	9.6	423	2.00	102.9	0.9	4.2	2.8	22	3.2	0.5	0.6	27	0.27	0.049
1099247	Soil	0.7	49.1	27.1	266	0.9	20.2	7.5	420	2.30	109.0	1.1	11.2	3.5	15	2.2	0.7	1.1	32	0.14	0.054
1099249	Soil	0.7	29.9	38.4	208	0.5	18.9	8.3	327	2.13	96.9	0.9	23.2	3.6	16	1.8	0.6	0.5	30	0.16	0.049
1143501	Soil	0.9	159.7	537.0	1256	4.3	27.1	8.9	962	3.07	277.3	1.5	17.7	5.1	20	9.6	1.9	2.3	34	0.15	0.067
1099244	Soil	0.8	26.1	9.4	150	0.1	19.8	7.7	359	2.32	103.6	0.8	4.5	1.2	17	2.1	0.6	0.5	37	0.19	0.052
1099250	Soil	0.9	19.6	145.9	152	1.6	12.1	4.4	188	2.31	87.2	0.6	13.7	2.1	8	1.1	0.6	0.7	38	0.09	0.054
1099246	Soil	0.8	32.7	11.6	126	0.3	18.2	7.2	344	2.19	164.3	0.9	8.3	2.4	19	1.2	0.6	1.2	32	0.18	0.052

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1138639	Soil	17	24	0.36	175	0.028	1	1.47	0.009	0.10	2.3	0.07	1.5	0.5	<0.05	5	<0.5	<0.2
1143613	Soil	34	27	0.63	96	0.018	<1	1.62	0.006	0.08	0.2	0.01	1.8	0.3	<0.05	5	<0.5	<0.2
1138645	Soil	19	24	0.41	185	0.030	1	1.48	0.020	0.11	0.5	0.03	2.1	0.4	0.09	4	<0.5	<0.2
1138642	Soil	15	23	0.40	145	0.016	2	1.51	0.008	0.07	0.7	0.03	1.2	0.4	0.07	5	<0.5	<0.2
1138643	Soil	18	25	0.40	143	0.017	1	1.55	0.008	0.06	0.3	0.03	1.4	0.3	0.06	5	<0.5	<0.2
1143609	Soil	42	34	0.70	139	0.020	<1	1.78	0.011	0.13	0.1	0.03	1.9	0.4	<0.05	6	<0.5	<0.2
1143610	Soil	36	24	0.60	90	0.012	1	1.55	0.008	0.08	0.2	0.02	1.6	0.3	<0.05	5	<0.5	<0.2
1138646	Soil	12	18	0.19	69	0.030	2	1.02	0.007	0.06	0.5	0.06	1.0	0.3	<0.05	5	0.8	<0.2
1143601	Soil	20	26	0.48	157	0.019	2	1.35	0.007	0.11	0.2	0.02	1.8	0.5	<0.05	4	0.9	<0.2
1138647	Soil	15	26	0.49	189	0.026	2	1.51	0.008	0.11	0.4	0.04	2.1	0.4	<0.05	5	0.6	<0.2
1143612	Soil	29	28	0.67	99	0.009	1	1.64	0.007	0.09	0.2	0.02	1.6	0.4	<0.05	5	0.6	<0.2
1138635	Soil	22	23	0.40	148	0.037	1	1.36	0.006	0.12	2.8	0.02	1.7	0.5	<0.05	4	0.8	<0.2
1143608	Soil	16	22	0.40	125	0.021	2	1.27	0.005	0.07	0.3	0.03	1.8	0.3	<0.05	4	<0.5	<0.2
1143607	Soil	18	21	0.41	119	0.016	<1	1.32	0.004	0.06	0.3	0.02	1.8	0.4	<0.05	4	0.6	<0.2
1138649	Soil	16	22	0.46	177	0.016	<1	1.26	0.005	0.07	0.3	0.03	1.4	0.3	<0.05	4	<0.5	<0.2
1143606	Soil	31	19	0.44	112	0.008	1	1.28	0.003	0.08	0.2	0.03	1.6	0.4	<0.05	4	0.6	<0.2
1143602	Soil	21	25	0.44	230	0.012	<1	1.35	0.005	0.06	0.3	0.06	1.4	0.3	<0.05	5	0.7	<0.2
1138648	Soil	15	22	0.38	177	0.018	<1	1.24	0.006	0.06	0.5	0.04	1.6	0.3	<0.05	4	<0.5	<0.2
1143603	Soil	16	18	0.33	106	0.014	<1	1.27	0.003	0.05	0.3	0.06	2.0	0.3	<0.05	4	0.8	<0.2
1143604	Soil	12	22	0.24	116	0.015	1	1.24	0.004	0.04	0.2	0.12	1.2	0.2	0.06	4	0.8	<0.2
1143605	Soil	27	25	0.57	180	0.021	1	1.69	0.007	0.14	0.3	0.02	2.3	0.5	<0.05	5	0.9	<0.2
1099245	Soil	14	35	0.55	215	0.028	1	1.86	0.008	0.14	1.6	0.02	2.4	0.6	<0.05	6	<0.5	<0.2
1099242	Soil	14	19	0.33	148	0.015	<1	1.18	0.006	0.05	0.6	0.04	1.4	0.2	<0.05	4	<0.5	<0.2
1099240	Soil	12	18	0.33	135	0.016	<1	1.12	0.006	0.07	0.5	0.02	1.3	0.2	<0.05	4	0.6	<0.2
1099247	Soil	16	24	0.39	180	0.019	<1	1.20	0.006	0.05	1.5	0.03	1.8	0.2	<0.05	4	1.1	<0.2
1099249	Soil	17	19	0.36	121	0.020	<1	0.98	0.005	0.05	0.6	0.03	1.4	0.2	<0.05	3	<0.5	<0.2
1143501	Soil	18	24	0.43	160	0.020	<1	1.35	0.007	0.09	0.4	0.05	2.3	0.4	<0.05	4	0.8	<0.2
1099244	Soil	12	23	0.37	154	0.017	<1	1.17	0.006	0.05	0.4	0.02	1.1	0.3	<0.05	5	<0.5	<0.2
1099250	Soil	11	19	0.21	75	0.015	<1	1.17	0.004	0.03	0.5	0.09	1.1	0.3	<0.05	4	<0.5	<0.2
1099246	Soil	13	23	0.39	156	0.018	<1	1.22	0.006	0.06	0.4	0.04	1.6	0.3	<0.05	4	0.7	<0.2

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Project: MAY
Report Date: October 05, 2011

CERTIFICATE OF ANALYSIS DAW11000330.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1099248	Soil		0.8	69.3	46.4	656	0.9	32.7	13.7	645	3.29	128.8	1.6	14.1	6.9	44	6.8	0.6	1.3	35	0.27	0.063
1143512	Soil		0.8	14.0	42.4	98	0.2	16.4	6.6	356	1.98	84.7	0.7	7.5	2.6	10	0.5	0.5	0.3	29	0.12	0.049
1143513	Soil		0.8	15.5	48.4	117	0.2	17.4	7.1	517	2.20	199.0	0.7	8.5	2.8	14	0.6	0.7	0.5	32	0.22	0.057
1143510	Soil		0.8	30.2	28.7	219	0.2	28.0	11.2	669	2.61	76.0	1.0	4.6	4.0	23	1.3	0.5	0.5	31	0.20	0.065
1143504	Soil		1.0	48.2	64.9	358	0.9	36.4	12.9	743	3.22	155.7	1.4	10.6	5.4	27	2.1	0.7	0.9	37	0.23	0.082
1099234	Soil		0.7	200.7	13.0	2752	0.5	31.1	14.2	429	2.86	332.2	2.5	9.2	10.8	34	19.2	0.6	1.9	34	0.17	0.056
1143502	Soil		0.8	28.1	93.5	409	0.9	16.5	6.0	575	2.08	92.6	0.7	17.5	1.9	12	1.9	0.7	0.5	28	0.17	0.049
1099236	Soil		0.9	76.9	10.0	623	0.3	20.9	8.2	370	2.62	161.1	1.3	10.2	4.4	14	4.3	0.6	1.7	38	0.12	0.059
1143503	Soil		0.7	31.5	50.9	265	0.5	25.5	11.1	619	2.44	114.1	0.8	11.6	4.1	27	2.2	0.6	0.5	29	0.27	0.067
1099238	Soil		0.9	109.1	9.6	754	0.3	24.5	9.7	345	2.63	234.1	1.3	14.6	5.0	24	8.1	0.6	2.7	37	0.22	0.076
1143507	Soil		0.6	32.6	30.6	266	0.3	29.9	10.8	467	2.52	90.7	1.1	12.0	8.5	32	2.3	0.5	0.7	26	0.27	0.067
1099243	Soil		0.9	39.3	12.4	161	0.3	20.2	8.1	367	2.56	151.5	1.3	11.6	1.8	20	1.3	0.6	1.0	37	0.19	0.063
1143511	Soil		0.7	48.8	28.7	349	0.3	34.4	14.2	729	3.53	203.2	1.8	9.5	5.1	39	1.5	0.6	1.1	38	0.20	0.068
1143508	Soil		0.5	41.6	32.4	361	0.4	35.3	12.8	582	2.86	105.3	1.5	6.2	9.0	35	2.4	0.5	1.0	27	0.23	0.066
1143505	Soil		1.0	43.9	49.6	253	0.3	43.1	19.2	1033	3.24	74.7	1.7	3.1	9.8	57	2.5	0.6	0.6	27	0.26	0.076
1143506	Soil		0.9	64.1	51.3	553	0.6	41.9	16.4	953	3.78	164.6	1.7	15.4	6.4	45	2.1	0.8	1.6	35	0.28	0.067
1099241	Soil		0.8	43.9	53.9	455	0.4	19.6	9.0	486	2.39	142.0	1.2	15.8	1.8	21	3.1	0.6	0.6	33	0.21	0.058
1143509	Soil		0.6	36.7	29.9	234	0.3	30.3	10.1	510	2.69	88.5	1.3	7.4	8.3	30	1.3	0.5	0.6	25	0.20	0.061
1099239	Soil		0.8	27.2	30.8	232	0.2	16.5	8.0	507	2.16	78.7	0.7	6.6	1.5	18	2.5	0.6	0.5	28	0.23	0.053
1099237	Soil		1.0	59.3	8.3	455	0.2	18.2	7.5	324	2.24	138.8	1.1	12.8	1.8	14	2.5	0.5	1.5	34	0.09	0.060
1099235	Soil		1.0	88.0	10.4	763	0.3	25.3	11.4	503	2.62	150.4	1.7	31.0	6.5	18	7.0	0.8	1.8	42	0.18	0.080
1099233	Soil		0.8	145.5	9.5	1289	0.5	26.8	13.8	410	2.54	437.1	1.5	24.8	8.0	36	8.3	0.8	4.0	36	0.19	0.071
1079716	Soil		0.9	43.7	14.3	84	0.3	33.1	16.2	342	3.37	97.9	2.3	4.6	9.1	40	0.3	0.6	1.0	38	0.13	0.061
1079719	Soil		1.0	47.1	41.0	75	0.4	15.1	6.3	227	3.24	116.4	2.0	9.9	9.8	16	0.3	0.8	0.9	26	0.05	0.055
1079717	Soil		0.9	34.5	14.0	96	0.2	28.3	11.7	325	2.92	56.8	1.6	6.9	5.3	28	0.5	0.6	0.6	38	0.09	0.054
1079715	Soil		0.8	33.0	13.6	103	0.2	28.3	10.4	310	2.73	64.6	1.6	10.0	6.2	27	0.5	0.6	0.5	33	0.13	0.061
1079712	Soil		0.5	34.8	9.9	101	0.3	32.3	13.6	445	2.79	143.8	1.2	32.0	11.4	39	0.6	0.9	0.5	36	0.31	0.047
1079713	Soil		0.6	66.3	12.6	189	0.4	49.1	19.6	465	4.56	188.4	2.3	7.6	13.1	62	1.4	0.5	1.1	41	0.24	0.076
1079714	Soil		0.8	46.8	14.8	129	0.3	38.1	15.2	371	3.29	78.6	1.8	10.2	9.4	30	0.7	0.7	0.7	40	0.15	0.062
1079723	Soil		1.3	19.3	11.0	33	0.3	13.5	5.3	130	1.54	18.3	1.2	3.2	0.5	13	0.2	0.4	0.4	26	0.08	0.084

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 05, 2011

CERTIFICATE OF ANALYSIS DAW11000330.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1099248	Soil		24	29	0.59	248	0.031	<1	1.70	0.019	0.19	0.4	0.04	2.9	0.8	0.09	6	1.0	<0.2
1143512	Soil		13	20	0.33	95	0.015	<1	1.02	0.004	0.05	0.3	0.02	1.3	0.2	<0.05	4	0.5	<0.2
1143513	Soil		14	20	0.32	114	0.017	<1	0.94	0.004	0.06	0.4	0.02	1.3	0.1	<0.05	4	<0.5	<0.2
1143510	Soil		18	24	0.48	142	0.019	<1	1.37	0.006	0.08	0.4	0.02	1.8	0.4	<0.05	4	0.5	<0.2
1143504	Soil		21	34	0.63	229	0.021	<1	1.75	0.008	0.12	0.3	0.05	2.7	0.6	<0.05	6	0.6	<0.2
1099234	Soil		33	27	0.45	128	0.044	<1	1.90	0.012	0.22	2.3	0.03	2.8	0.7	0.05	6	0.9	<0.2
1143502	Soil		11	19	0.26	114	0.013	<1	0.91	0.004	0.05	0.3	0.05	1.1	0.2	<0.05	4	0.5	<0.2
1099236	Soil		18	25	0.42	125	0.034	<1	1.53	0.006	0.08	2.8	0.05	2.0	0.5	<0.05	5	<0.5	<0.2
1143503	Soil		14	22	0.45	180	0.017	<1	1.15	0.007	0.10	0.4	0.04	1.5	0.5	0.06	4	<0.5	<0.2
1099238	Soil		18	24	0.37	139	0.032	<1	1.43	0.010	0.09	4.7	0.05	1.9	0.4	<0.05	5	0.7	<0.2
1143507	Soil		20	20	0.42	127	0.019	<1	1.08	0.009	0.08	0.4	0.03	1.8	0.4	<0.05	3	<0.5	<0.2
1099243	Soil		17	25	0.42	191	0.015	<1	1.55	0.010	0.06	0.5	0.03	1.5	0.4	<0.05	5	<0.5	<0.2
1143511	Soil		29	24	0.74	211	0.034	<1	2.16	0.009	0.12	0.4	0.02	2.6	0.6	<0.05	7	<0.5	<0.2
1143508	Soil		31	24	0.50	138	0.028	<1	1.45	0.009	0.10	0.4	0.02	2.4	0.5	<0.05	4	<0.5	<0.2
1143505	Soil		31	28	0.59	159	0.024	<1	1.51	0.013	0.13	0.2	0.05	2.5	0.5	<0.05	5	<0.5	<0.2
1143506	Soil		21	34	0.67	238	0.038	2	2.10	0.012	0.14	0.5	0.04	3.5	0.7	<0.05	7	<0.5	<0.2
1099241	Soil		12	22	0.36	149	0.019	<1	1.37	0.006	0.06	0.4	0.04	1.5	0.2	<0.05	4	0.6	<0.2
1143509	Soil		20	23	0.55	131	0.029	<1	1.36	0.006	0.12	0.4	0.02	2.3	0.5	<0.05	4	<0.5	<0.2
1099239	Soil		10	18	0.29	116	0.020	1	1.06	0.005	0.05	0.9	0.03	1.1	0.2	<0.05	4	<0.5	<0.2
1099237	Soil		11	23	0.31	104	0.027	1	1.48	0.005	0.06	2.2	0.04	1.2	0.4	<0.05	5	<0.5	<0.2
1099235	Soil		24	26	0.42	145	0.040	1	1.57	0.008	0.10	4.0	0.04	2.4	0.5	0.11	4	<0.5	<0.2
1099233	Soil		26	23	0.39	158	0.037	1	1.60	0.007	0.12	7.3	0.03	2.1	0.6	0.06	4	<0.5	<0.2
1079716	Soil		32	28	0.54	148	0.028	<1	1.99	0.009	0.14	0.2	0.05	2.4	0.7	0.09	6	<0.5	<0.2
1079719	Soil		37	22	0.40	60	0.014	<1	1.28	0.006	0.07	0.2	0.03	1.4	0.2	0.10	4	<0.5	<0.2
1079717	Soil		25	27	0.48	126	0.027	<1	1.75	0.008	0.12	0.2	0.03	1.9	0.4	0.08	5	<0.5	<0.2
1079715	Soil		28	25	0.47	126	0.022	<1	1.64	0.008	0.11	0.3	0.02	1.8	0.5	0.10	5	<0.5	<0.2
1079712	Soil		27	32	0.63	238	0.046	<1	1.88	0.020	0.24	0.2	0.03	3.6	0.6	<0.05	6	<0.5	<0.2
1079713	Soil		28	34	0.97	243	0.054	<1	3.03	0.012	0.57	0.1	0.01	3.7	1.1	0.12	8	<0.5	<0.2
1079714	Soil		28	32	0.62	217	0.037	<1	2.15	0.011	0.20	0.2	0.02	2.8	0.6	0.09	6	<0.5	<0.2
1079723	Soil		14	19	0.15	57	0.014	1	0.92	0.008	0.04	0.2	0.09	0.5	0.1	0.15	3	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 05, 2011

CERTIFICATE OF ANALYSIS DAW11000330.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1079722	Soil		1.0	28.4	9.4	58	0.2	32.1	8.0	199	2.19	42.3	1.5	17.6	3.0	35	0.3	0.6	0.5	33	0.14	0.055
1079709	Soil		1.0	41.2	14.6	119	0.4	22.1	10.1	364	2.59	101.8	1.6	10.0	8.9	35	1.0	0.7	0.6	31	0.21	0.043
1079718	Soil		0.9	43.0	62.6	97	0.3	26.5	12.5	342	2.92	182.9	1.6	20.7	7.1	22	0.4	0.8	0.8	29	0.09	0.067
1079721	Soil		0.9	24.1	11.3	62	0.2	18.9	7.5	228	2.35	52.4	1.4	18.0	3.8	19	0.3	0.6	0.4	37	0.10	0.050
1079724	Soil		1.0	33.1	26.1	115	0.3	41.3	20.8	557	3.09	56.1	1.7	5.6	7.8	13	0.6	0.7	0.5	44	0.14	0.081
1079720	Soil		0.8	63.2	29.2	106	0.1	38.0	20.2	481	3.85	84.7	3.1	8.6	20.4	42	0.3	0.7	0.5	24	0.08	0.068
1079642	Soil		1.1	33.2	10.6	153	0.2	18.8	6.0	209	2.28	49.0	1.0	6.6	0.7	12	1.4	0.7	0.7	45	0.11	0.059
1079711	Soil		0.7	39.8	29.1	253	0.5	22.8	7.6	384	2.41	77.3	1.5	5.0	4.1	20	1.9	0.5	0.7	33	0.14	0.052
1079646	Soil		0.9	49.7	10.2	463	0.2	20.2	8.1	340	2.25	45.3	1.3	10.8	4.1	14	3.9	0.7	0.8	40	0.15	0.061
1079707	Soil		0.7	52.2	8.9	640	0.2	26.7	16.1	513	2.64	194.2	1.0	2.9	9.5	48	7.6	0.6	0.8	36	0.27	0.054
1079710	Soil		0.6	34.4	12.5	117	0.3	29.4	11.4	566	2.72	59.5	1.1	5.0	8.1	61	0.9	0.6	0.4	38	0.31	0.046
1079705	Soil		0.7	82.0	53.4	552	0.7	22.8	11.4	632	2.53	264.9	1.9	5.6	1.8	27	3.8	0.5	1.4	31	0.27	0.066
1079708	Soil		0.8	34.2	17.7	151	0.5	29.7	11.3	562	2.60	173.3	1.1	9.9	6.4	30	1.0	0.7	0.9	33	0.24	0.041
1079644	Soil		0.8	45.5	8.5	288	0.2	19.7	6.8	230	2.18	43.9	1.1	20.7	4.7	16	2.5	0.6	0.8	42	0.15	0.054
1079703	Soil		2.8	320.1	13.1	1031	0.9	34.2	8.6	484	5.23	617.7	5.5	8.1	19.7	41	10.5	1.0	1.8	51	0.39	0.042
1079643	Soil		0.8	78.9	7.3	405	0.2	24.3	9.3	356	2.44	83.3	1.1	2.2	2.2	29	6.5	0.5	1.3	44	0.29	0.067
1079706	Soil		0.7	73.7	8.5	568	0.3	26.7	12.8	464	2.31	94.3	1.1	11.8	8.2	36	4.5	0.6	1.1	35	0.23	0.062
1079650	Soil		1.0	217.2	21.8	1760	1.1	23.0	8.8	1093	7.03	180.5	1.5	8.4	5.9	25	34.0	0.6	8.2	40	0.17	0.045
1079701	Soil		3.5	465.5	5.8	1469	0.7	68.8	37.9	4666	11.44	2740	5.8	19.7	10.6	7	7.8	1.0	44.1	22	0.19	0.048
1079648	Soil		1.0	71.3	56.0	528	0.5	21.4	9.7	453	2.46	88.6	1.7	44.6	3.0	17	5.7	0.7	1.2	44	0.15	0.057
1079647	Soil		1.1	44.9	14.5	458	0.2	19.5	7.1	282	2.42	38.0	1.2	15.4	2.0	13	2.2	0.7	0.7	45	0.11	0.051
1079645	Soil		0.7	61.6	6.7	410	0.2	23.4	10.9	320	2.22	56.7	1.0	12.1	7.0	20	3.5	0.5	0.8	37	0.18	0.061
1079649	Soil		1.1	63.6	37.0	700	0.5	23.8	11.6	610	2.68	66.4	1.4	37.2	4.0	23	7.7	0.7	1.1	42	0.16	0.057
1079704	Soil		0.7	44.2	26.7	338	0.4	23.7	9.3	364	2.40	131.4	1.2	4.6	2.2	28	3.3	0.5	1.0	32	0.19	0.052
1079702	Soil		2.4	279.8	12.0	1045	0.8	27.3	9.1	472	4.64	584.6	4.7	8.9	17.0	36	10.0	1.0	1.8	44	0.36	0.040
1143675	Soil		1.2	37.2	20.9	106	0.3	29.4	7.4	267	2.64	58.5	1.7	4.0	4.7	37	0.6	0.6	0.6	33	0.12	0.064
1143681	Soil		0.8	25.1	17.3	72	0.1	22.5	10.6	344	2.44	54.4	1.3	8.9	4.0	19	0.3	0.6	0.4	33	0.13	0.065
1143678	Soil		0.9	30.4	17.7	85	0.1	26.9	8.8	264	2.92	113.6	1.2	21.8	5.8	19	0.4	0.7	0.5	35	0.09	0.057
1143680	Soil		1.0	26.1	18.3	73	0.1	24.0	10.8	356	2.54	54.3	1.4	12.6	4.3	20	0.3	0.6	0.4	33	0.13	0.066
1143677	Soil		1.0	31.9	20.2	85	0.3	22.3	8.3	303	3.04	67.5	1.4	8.8	3.4	19	0.3	0.6	0.6	35	0.10	0.065

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1079722	Soil		22	43	0.34	106	0.026	<1	1.13	0.010	0.06	0.4	0.02	1.4	0.3	0.07	3	<0.5	<0.2
1079709	Soil		26	24	0.39	194	0.029	<1	1.36	0.011	0.10	0.2	0.03	2.2	0.3	0.07	4	<0.5	<0.2
1079718	Soil		33	27	0.43	70	0.018	<1	1.38	0.008	0.09	0.2	0.04	1.5	0.2	0.09	4	<0.5	<0.2
1079721	Soil		23	22	0.34	76	0.026	<1	1.12	0.006	0.05	0.5	0.02	1.5	0.2	0.07	4	<0.5	<0.2
1079724	Soil		33	69	0.66	97	0.040	<1	1.43	0.006	0.12	0.4	0.03	2.1	0.2	0.06	4	<0.5	<0.2
1079720	Soil		55	26	0.73	70	0.012	<1	1.88	0.006	0.06	0.1	0.02	1.6	0.1	0.06	5	<0.5	<0.2
1079642	Soil		17	27	0.37	87	0.024	<1	1.38	0.007	0.07	0.7	0.04	1.0	0.3	0.07	5	<0.5	<0.2
1079711	Soil		24	24	0.47	138	0.020	<1	1.55	0.006	0.09	0.2	0.03	2.1	0.4	0.06	5	<0.5	<0.2
1079646	Soil		21	24	0.34	152	0.040	<1	1.30	0.006	0.07	1.9	0.04	2.0	0.4	0.05	4	<0.5	<0.2
1079707	Soil		27	25	0.52	198	0.033	<1	1.67	0.010	0.22	0.4	0.03	2.4	0.8	<0.05	5	<0.5	<0.2
1079710	Soil		25	29	0.54	204	0.047	<1	1.85	0.016	0.22	0.2	0.02	3.0	0.5	0.06	6	<0.5	<0.2
1079705	Soil		40	22	0.40	138	0.013	1	1.60	0.008	0.08	0.2	0.03	1.4	0.5	0.09	4	<0.5	<0.2
1079708	Soil		23	27	0.40	185	0.019	<1	1.40	0.012	0.08	0.3	0.04	2.4	0.2	<0.05	4	<0.5	<0.2
1079644	Soil		22	25	0.43	167	0.041	<1	1.54	0.007	0.09	1.5	0.03	2.2	0.4	<0.05	4	<0.5	<0.2
1079703	Soil		60	57	0.49	98	0.014	<1	2.27	0.012	0.29	<0.1	<0.01	4.4	1.8	0.19	8	0.8	<0.2
1079643	Soil		22	27	0.64	254	0.040	<1	1.87	0.010	0.23	3.6	0.02	1.8	1.0	0.07	6	<0.5	<0.2
1079706	Soil		27	22	0.39	175	0.036	1	1.30	0.008	0.11	1.0	0.02	2.1	0.4	0.06	4	<0.5	<0.2
1079650	Soil		20	34	0.42	211	0.068	3	2.42	0.011	0.93	13.6	0.06	2.7	10.2	0.13	9	<0.5	<0.2
1079701	Soil		34	20	0.10	121	0.002	<1	2.67	0.009	0.04	1.6	0.02	5.1	1.2	0.14	12	0.9	<0.2
1079648	Soil		22	27	0.37	138	0.037	1	1.46	0.008	0.08	2.2	0.08	2.0	0.4	<0.05	4	<0.5	<0.2
1079647	Soil		20	26	0.40	130	0.038	1	1.58	0.008	0.07	1.0	0.03	2.1	0.4	<0.05	5	<0.5	<0.2
1079645	Soil		25	24	0.48	190	0.044	<1	1.39	0.008	0.16	2.0	0.02	2.0	0.6	<0.05	4	<0.5	<0.2
1079649	Soil		20	29	0.38	187	0.038	1	1.61	0.010	0.12	2.3	0.05	2.1	0.8	0.05	5	<0.5	<0.2
1079704	Soil		24	24	0.40	128	0.022	<1	1.41	0.009	0.09	0.3	0.03	1.4	0.4	0.07	5	<0.5	<0.2
1079702	Soil		54	40	0.41	94	0.007	<1	1.79	0.009	0.24	<0.1	0.02	3.7	1.5	0.17	6	0.6	<0.2
1143675	Soil		23	38	0.42	126	0.016	<1	1.56	0.011	0.10	0.2	0.04	1.6	0.4	0.08	5	<0.5	<0.2
1143681	Soil		22	20	0.37	80	0.027	1	1.17	0.001	0.06	0.4	0.05	1.4	0.1	<0.05	4	<0.5	<0.2
1143678	Soil		23	26	0.38	84	0.029	1	1.38	0.001	0.07	0.4	0.03	1.6	0.2	<0.05	4	<0.5	<0.2
1143680	Soil		22	20	0.38	84	0.025	1	1.17	0.001	0.05	0.5	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1143677	Soil		24	27	0.40	66	0.029	1	1.56	0.003	0.07	0.2	0.04	1.5	0.2	0.05	5	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 05, 2011

CERTIFICATE OF ANALYSIS DAW11000330.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1143679	Soil		0.9	32.4	16.6	74	0.2	28.6	11.8	295	2.66	52.4	1.6	12.2	5.4	31	0.3	0.5	0.4	32	0.12	0.064
1143676	Soil		1.2	41.9	33.7	75	0.3	24.4	6.0	218	3.45	45.8	1.8	5.2	10.4	38	0.4	0.7	0.6	27	0.09	0.047
1143682	Soil		0.8	31.5	23.7	76	0.2	25.4	10.3	315	2.86	43.9	1.6	5.8	9.9	29	0.2	0.5	0.5	26	0.12	0.056
1143670	Soil		1.0	10.5	13.9	25	0.2	10.4	2.2	60	1.12	45.5	0.7	3.4	0.9	8	0.2	0.3	0.4	32	0.05	0.035
1143672	Soil		0.8	51.0	19.4	171	0.6	38.5	14.0	475	3.00	123.9	2.4	9.9	4.8	100	1.7	0.5	0.7	25	0.37	0.098
1143669	Soil		0.8	41.8	44.4	288	0.8	24.3	8.8	498	2.52	80.1	1.4	4.7	2.7	27	4.6	0.5	0.8	31	0.21	0.080
1143668	Soil		0.9	24.7	26.6	121	0.3	18.2	7.0	459	2.28	74.8	1.0	5.3	3.5	12	0.6	0.7	0.4	33	0.11	0.052
1143664	Soil		0.8	64.7	134.2	744	0.7	45.1	34.8	1058	3.07	200.0	1.7	8.1	10.3	23	5.7	0.6	1.4	22	0.13	0.049
1143666	Soil		0.8	22.5	28.7	242	0.4	19.6	7.0	806	2.12	80.9	1.1	6.6	2.2	16	1.5	0.7	0.4	32	0.17	0.063
1143665	Soil		0.7	17.8	22.2	133	<0.1	15.6	6.0	203	2.10	86.7	0.8	6.7	2.4	14	1.0	0.5	0.4	32	0.11	0.038
1143674	Soil		0.7	43.4	18.7	167	0.3	40.7	17.7	506	3.33	94.8	1.7	3.4	11.2	70	1.0	0.5	0.6	31	0.18	0.057
1143673	Soil		0.9	37.6	18.2	142	0.4	28.6	9.9	321	2.96	87.5	1.5	3.1	6.1	41	0.7	0.6	0.6	32	0.11	0.055
1143663	Soil		0.6	31.6	18.2	275	0.3	24.5	8.9	437	2.31	136.3	1.1	10.2	3.5	28	2.2	0.4	0.7	27	0.18	0.048
1143667	Soil		0.8	20.4	16.6	103	0.2	22.3	8.4	930	2.17	51.3	0.8	6.3	6.1	15	0.4	0.6	0.3	30	0.18	0.046
1143671	Soil		0.8	34.7	15.2	110	0.4	20.7	5.5	184	2.13	134.5	1.3	6.9	2.0	21	1.0	0.5	0.8	28	0.18	0.053
1143657	Soil		1.0	113.8	16.9	1306	0.6	26.5	12.5	682	2.96	123.5	1.6	55.3	5.1	22	15.1	0.6	1.5	43	0.21	0.076
1143658	Soil		1.0	125.4	25.6	1019	0.6	20.1	8.1	336	3.24	223.5	2.3	32.9	14.5	77	10.7	0.5	1.5	32	0.18	0.055
1143651	Soil		0.7	62.8	10.2	306	0.2	18.9	6.3	147	1.85	44.3	1.3	5.3	3.2	13	3.3	0.6	0.9	35	0.12	0.053
1143654	Soil		0.8	52.6	8.2	442	0.2	18.5	6.2	307	2.47	61.1	1.0	11.6	2.8	10	2.5	0.6	1.3	33	0.08	0.054
1143653	Soil		0.9	92.4	8.0	596	0.3	23.2	9.4	438	2.70	90.8	1.3	17.2	4.3	13	3.3	0.6	1.7	37	0.11	0.052
1143656	Soil		1.1	93.3	9.6	875	0.3	21.4	9.6	418	2.61	82.4	1.1	5.2	2.5	15	5.6	0.6	1.2	36	0.11	0.060
1143655	Soil		0.9	52.5	8.7	536	0.2	22.2	9.4	473	2.45	49.0	0.9	37.5	3.5	9	3.3	0.6	1.3	34	0.09	0.055
1143652	Soil		0.8	114.5	8.5	957	0.2	33.6	13.8	495	2.69	78.2	1.0	15.4	6.1	24	6.6	0.6	1.4	49	0.20	0.074
1143661	Soil		0.9	43.3	10.6	195	0.2	32.5	13.6	392	2.81	199.2	0.9	27.7	6.0	28	1.2	0.5	1.1	36	0.19	0.047
1143660	Soil		0.9	37.8	10.0	179	0.1	24.0	9.6	281	2.45	132.2	0.9	5.1	3.9	28	1.6	0.5	0.8	31	0.23	0.045
1143662	Soil		0.9	52.9	10.2	357	0.3	39.6	17.1	794	2.46	122.1	1.2	3.1	7.0	49	7.3	0.5	0.5	30	0.35	0.055
1143659	Soil		0.7	42.1	9.8	178	0.2	22.5	10.4	392	2.35	127.5	1.1	5.1	3.3	27	1.6	0.5	0.6	29	0.25	0.059

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600 - 666 Burrard St.
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Project: MAY
Report Date: October 05, 2011

CERTIFICATE OF ANALYSIS DAW11000330.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1143679	Soil	25	20	0.37	101	0.033	1	1.19	0.003	0.09	0.6	0.03	1.7	0.2	0.05	4	<0.5	<0.2
1143676	Soil	31	39	0.42	81	0.028	1	1.45	0.005	0.11	0.1	0.02	1.7	0.4	0.07	5	<0.5	<0.2
1143682	Soil	26	19	0.41	92	0.023	1	1.14	0.004	0.06	0.4	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1143670	Soil	14	22	0.11	56	0.030	<1	0.74	<0.001	0.04	0.2	0.06	0.9	0.2	<0.05	5	<0.5	<0.2
1143672	Soil	36	25	0.51	170	0.016	1	2.13	0.006	0.14	0.2	0.05	1.8	0.7	0.06	6	<0.5	<0.2
1143669	Soil	21	26	0.48	213	0.017	<1	1.53	0.002	0.09	0.3	0.04	1.7	0.5	0.06	5	<0.5	<0.2
1143668	Soil	17	20	0.33	112	0.024	<1	1.16	<0.001	0.06	0.3	0.03	1.8	0.2	<0.05	4	<0.5	<0.2
1143664	Soil	36	22	0.45	126	0.019	<1	1.40	0.004	0.10	0.3	0.03	1.7	0.5	<0.05	4	<0.5	<0.2
1143666	Soil	18	20	0.29	122	0.022	<1	0.99	<0.001	0.06	0.6	0.06	1.5	0.2	<0.05	3	<0.5	<0.2
1143665	Soil	16	21	0.22	84	0.020	2	1.24	<0.001	0.05	0.2	0.04	1.6	0.2	<0.05	4	<0.5	<0.2
1143674	Soil	30	28	0.62	168	0.037	<1	1.93	0.005	0.19	0.2	0.02	2.5	0.7	<0.05	6	<0.5	<0.2
1143673	Soil	27	27	0.49	122	0.032	1	1.64	0.004	0.12	0.3	0.04	1.9	0.5	<0.05	5	0.7	<0.2
1143663	Soil	20	19	0.37	127	0.028	1	1.28	0.008	0.08	0.3	0.02	1.8	0.3	<0.05	4	<0.5	<0.2
1143667	Soil	19	22	0.32	127	0.029	1	1.00	0.001	0.07	0.5	0.03	1.8	0.2	<0.05	3	<0.5	<0.2
1143671	Soil	26	18	0.30	123	0.019	2	1.14	0.002	0.07	0.2	0.03	1.1	0.3	<0.05	5	<0.5	<0.2
1143657	Soil	22	29	0.39	241	0.045	3	1.75	0.004	0.13	4.1	0.11	2.5	0.7	<0.05	5	<0.5	<0.2
1143658	Soil	22	27	0.41	93	0.052	2	1.55	0.038	0.22	1.8	0.05	2.4	0.6	0.19	5	0.7	<0.2
1143651	Soil	21	22	0.37	146	0.033	1	1.40	0.001	0.07	1.3	0.04	1.9	0.4	<0.05	4	<0.5	<0.2
1143654	Soil	16	22	0.34	122	0.029	1	1.46	<0.001	0.09	2.8	0.04	1.7	0.6	<0.05	4	<0.5	<0.2
1143653	Soil	20	26	0.40	185	0.040	1	1.69	0.002	0.11	3.0	0.03	2.4	0.7	<0.05	5	<0.5	<0.2
1143656	Soil	12	25	0.37	144	0.030	1	1.53	0.005	0.07	2.4	0.04	1.7	0.4	<0.05	5	<0.5	<0.2
1143655	Soil	12	24	0.31	138	0.030	1	1.35	0.005	0.07	3.7	0.07	1.6	0.6	<0.05	4	<0.5	<0.2
1143652	Soil	17	30	0.81	233	0.050	1	2.00	0.011	0.22	2.7	0.03	2.3	0.9	<0.05	6	<0.5	<0.2
1143661	Soil	12	34	0.46	165	0.032	2	1.60	0.010	0.14	0.6	0.03	1.9	0.5	<0.05	5	<0.5	<0.2
1143660	Soil	14	22	0.39	160	0.021	<1	1.34	0.008	0.10	0.4	0.03	1.4	0.4	<0.05	4	<0.5	<0.2
1143662	Soil	13	25	0.37	128	0.015	<1	1.56	0.011	0.12	0.3	0.02	2.1	0.6	<0.05	4	<0.5	<0.2
1143659	Soil	15	21	0.36	142	0.020	2	1.33	0.009	0.07	0.5	0.03	1.5	0.3	<0.05	4	<0.5	<0.2

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Project: MAY
Report Date: October 05, 2011

QUALITY CONTROL REPORT DAW11000330.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1098256	Soil	0.7	32.4	26.1	76	0.2	22.8	11.3	487	2.45	24.0	0.9	4.1	6.3	7	0.3	1.1	0.3	24	0.07	0.039
REP 1098256	QC	0.7	32.4	26.1	69	0.2	22.5	10.9	472	2.47	23.3	0.9	5.7	6.3	7	0.2	1.2	0.4	25	0.07	0.039
1098262	Soil	0.6	18.3	28.3	59	0.4	19.1	7.6	453	2.21	65.5	0.8	8.7	3.9	8	0.2	2.7	0.3	22	0.13	0.041
REP 1098262	QC	0.5	17.9	26.4	56	0.4	18.2	7.2	427	2.07	62.9	0.8	12.7	3.8	8	0.1	2.5	0.3	21	0.12	0.040
1138637	Soil	0.9	48.8	10.0	409	0.2	19.2	8.1	378	2.38	75.0	1.1	9.0	3.9	13	2.9	0.7	0.9	38	0.13	0.052
REP 1138637	QC	1.0	49.1	10.4	414	0.2	19.6	8.4	384	2.43	75.6	1.1	11.3	4.4	13	2.8	0.7	1.0	38	0.13	0.052
1138635	Soil	0.8	54.9	9.9	602	0.2	22.8	9.1	443	2.66	87.3	1.0	7.8	6.1	14	4.4	0.6	1.7	36	0.10	0.049
REP 1138635	QC	0.8	55.4	10.3	628	0.2	22.7	9.2	457	2.72	89.3	1.1	34.4	6.1	15	4.6	0.7	1.6	36	0.10	0.048
1143503	Soil	0.7	31.5	50.9	265	0.5	25.5	11.1	619	2.44	114.1	0.8	11.6	4.1	27	2.2	0.6	0.5	29	0.27	0.067
REP 1143503	QC	0.8	32.0	50.3	259	0.6	26.4	11.1	603	2.45	113.6	0.9	9.9	4.3	28	1.9	0.6	0.5	30	0.27	0.066
1079714	Soil	0.8	46.8	14.8	129	0.3	38.1	15.2	371	3.29	78.6	1.8	10.2	9.4	30	0.7	0.7	0.7	40	0.15	0.062
REP 1079714	QC	0.9	46.1	14.9	131	0.3	38.4	15.2	369	3.36	81.1	1.9	8.9	9.4	32	0.7	0.7	0.7	39	0.15	0.066
1079645	Soil	0.7	61.6	6.7	410	0.2	23.4	10.9	320	2.22	56.7	1.0	12.1	7.0	20	3.5	0.5	0.8	37	0.18	0.061
REP 1079645	QC	0.8	66.4	7.2	448	0.2	25.5	11.7	336	2.44	60.8	1.1	5.9	8.0	21	3.7	0.6	0.9	40	0.20	0.065
1143667	Soil	0.8	20.4	16.6	103	0.2	22.3	8.4	930	2.17	51.3	0.8	6.3	6.1	15	0.4	0.6	0.3	30	0.18	0.046
REP 1143667	QC	0.9	20.1	17.4	103	0.2	21.4	8.6	958	2.26	49.7	0.8	14.0	6.0	15	0.4	0.6	0.2	31	0.19	0.046
1143660	Soil	0.9	37.8	10.0	179	0.1	24.0	9.6	281	2.45	132.2	0.9	5.1	3.9	28	1.6	0.5	0.8	31	0.23	0.045
REP 1143660	QC	0.8	38.5	10.6	177	0.2	24.7	9.6	283	2.40	132.9	1.0	23.0	4.2	28	1.7	0.4	0.7	32	0.24	0.047
Reference Materials																					
STD DS8	Standard	11.1	107.2	114.4	295	1.7	37.8	7.5	568	2.24	24.3	2.4	103.7	5.3	54	2.2	5.3	6.2	38	0.59	0.076
STD DS8	Standard	13.9	122.8	126.9	330	1.8	40.5	8.3	612	2.44	25.9	3.0	111.8	6.6	67	2.5	6.0	6.9	46	0.72	0.080
STD DS8	Standard	11.7	111.8	119.8	305	1.9	38.3	7.9	629	2.56	26.8	2.5	113.3	6.0	56	2.8	5.1	6.4	44	0.65	0.082
STD DS8	Standard	13.5	105.6	122.8	310	1.7	36.4	7.5	603	2.42	24.7	2.7	103.6	6.7	67	2.0	5.6	6.2	40	0.68	0.079
STD DS8	Standard	12.6	118.6	131.0	314	1.8	37.8	7.9	581	2.45	25.1	3.1	105.3	7.3	60	2.4	5.7	7.3	42	0.67	0.080
STD DS8	Standard	11.3	106.9	124.8	301	1.8	37.7	7.3	585	2.38	24.1	2.7	106.2	6.1	60	2.3	5.6	6.6	38	0.64	0.080
STD DS8	Standard	12.9	110.8	122.0	303	1.7	36.6	7.3	594	2.35	24.2	2.9	102.3	6.5	68	2.3	5.5	6.5	42	0.68	0.078
STD DS8	Standard	11.6	104.7	116.3	283	1.7	35.8	6.6	530	2.17	22.0	2.7	101.0	6.4	56	2.0	5.2	6.4	38	0.61	0.068
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 05, 2011

QUALITY CONTROL REPORT DAW11000330.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1098256	Soil	27	18	0.35	82	0.007	1	1.02	0.003	0.04	0.2	0.02	1.0	0.1	<0.05	3	<0.5	<0.2
REP 1098256	QC	28	18	0.35	78	0.008	<1	0.97	0.003	0.04	0.2	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
1098262	Soil	25	15	0.29	103	0.008	2	1.00	0.004	0.04	0.2	0.03	1.2	0.2	<0.05	3	<0.5	<0.2
REP 1098262	QC	23	14	0.28	95	0.009	2	0.96	0.003	0.04	0.2	0.02	1.2	0.2	<0.05	3	<0.5	<0.2
1138637	Soil	20	23	0.36	128	0.034	1	1.26	0.006	0.07	1.6	0.04	1.7	0.4	<0.05	4	<0.5	<0.2
REP 1138637	QC	19	23	0.36	127	0.033	1	1.25	0.006	0.07	1.5	0.03	1.7	0.4	<0.05	4	<0.5	<0.2
1138635	Soil	22	23	0.40	148	0.037	1	1.36	0.006	0.12	2.8	0.02	1.7	0.5	<0.05	4	0.8	<0.2
REP 1138635	QC	23	23	0.40	154	0.037	2	1.36	0.006	0.12	2.4	0.07	1.8	0.6	<0.05	4	0.6	<0.2
1143503	Soil	14	22	0.45	180	0.017	<1	1.15	0.007	0.10	0.4	0.04	1.5	0.5	0.06	4	<0.5	<0.2
REP 1143503	QC	14	21	0.43	170	0.018	<1	1.12	0.007	0.10	0.4	0.05	1.6	0.5	0.06	4	<0.5	<0.2
1079714	Soil	28	32	0.62	217	0.037	<1	2.15	0.011	0.20	0.2	0.02	2.8	0.6	0.09	6	<0.5	<0.2
REP 1079714	QC	28	32	0.62	213	0.037	<1	2.16	0.012	0.21	0.2	0.02	2.9	0.5	0.10	6	<0.5	<0.2
1079645	Soil	25	24	0.48	190	0.044	<1	1.39	0.008	0.16	2.0	0.02	2.0	0.6	<0.05	4	<0.5	<0.2
REP 1079645	QC	28	26	0.51	201	0.050	<1	1.52	0.009	0.17	2.1	0.03	2.1	0.7	<0.05	5	<0.5	<0.2
1143667	Soil	19	22	0.32	127	0.029	1	1.00	0.001	0.07	0.5	0.03	1.8	0.2	<0.05	3	<0.5	<0.2
REP 1143667	QC	18	22	0.31	124	0.029	1	1.00	0.003	0.07	0.4	0.04	1.8	0.2	<0.05	3	<0.5	<0.2
1143660	Soil	14	22	0.39	160	0.021	<1	1.34	0.008	0.10	0.4	0.03	1.4	0.4	<0.05	4	<0.5	<0.2
REP 1143660	QC	15	23	0.40	165	0.022	1	1.40	0.008	0.11	0.6	0.04	1.6	0.4	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	10	113	0.55	241	0.095	2	0.78	0.072	0.39	2.7	0.19	1.7	5.1	0.13	4	5.0	4.3
STD DS8	Standard	18	119	0.64	269	0.124	3	0.94	0.093	0.43	2.9	0.20	2.2	5.4	0.23	5	4.9	5.0
STD DS8	Standard	12	123	0.60	245	0.095	3	0.88	0.081	0.43	2.9	0.21	2.0	5.3	0.18	5	5.1	5.2
STD DS8	Standard	16	114	0.59	279	0.117	3	0.93	0.093	0.43	3.0	0.20	2.6	5.2	0.18	5	5.3	4.7
STD DS8	Standard	15	115	0.60	281	0.106	3	0.86	0.079	0.39	3.2	0.18	2.0	5.5	0.15	5	5.1	5.0
STD DS8	Standard	11	110	0.61	253	0.099	2	0.86	0.079	0.38	2.9	0.20	2.0	5.2	0.07	4	4.8	4.5
STD DS8	Standard	16	116	0.59	273	0.114	3	0.91	0.098	0.42	2.7	0.18	2.2	5.0	0.18	5	4.8	4.7
STD DS8	Standard	14	106	0.54	234	0.102	2	0.78	0.081	0.36	2.7	0.19	1.9	4.9	0.15	4	4.5	4.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 05, 2011

QUALITY CONTROL REPORT DAW11000330.1

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

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 05, 2011

QUALITY CONTROL REPORT DAW11000330.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 24, 2011
Report Date: September 28, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS DAW11000331.1

CLIENT JOB INFORMATION

Project: MHR
Shipment ID: MHR2011-11
P.O. Number
Number of Samples: 22

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	22	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	22	Dry at 60C			WHI
1DX2	22	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS DAW11000331.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1143478	Soil	0.8	15.1	9.4	50	<0.1	15.5	7.5	240	2.01	9.6	0.8	0.6	2.3	10	0.1	0.6	0.2	30	0.11	0.053
1143474	Soil	0.8	17.1	14.9	56	<0.1	18.4	9.0	336	2.20	13.0	0.8	2.8	3.7	11	0.3	1.1	0.2	30	0.12	0.064
1143475	Soil	0.8	14.7	15.9	45	<0.1	13.6	10.5	504	2.05	13.9	0.8	2.7	2.2	9	<0.1	0.9	0.2	27	0.08	0.053
1143458	Soil	1.3	21.5	20.1	76	<0.1	20.3	15.0	424	2.92	25.8	1.1	3.5	7.2	12	0.2	1.8	0.3	31	0.07	0.049
1143455	Soil	0.9	16.8	13.3	53	0.1	15.7	8.4	247	2.25	14.0	0.9	2.9	3.4	10	0.2	1.1	0.2	30	0.08	0.040
1143459	Soil	1.3	19.6	20.8	78	<0.1	19.9	13.9	529	2.88	25.2	1.0	1.4	4.6	12	0.2	2.2	0.3	32	0.09	0.067
1143451	Soil	0.9	15.9	14.2	57	<0.1	17.0	8.3	254	2.44	24.1	0.8	<0.5	4.7	9	0.2	1.3	0.2	33	0.07	0.039
1143452	Soil	1.5	26.5	15.7	79	<0.1	30.2	13.9	583	3.07	15.3	1.3	1.0	8.6	10	0.3	2.4	0.3	31	0.06	0.041
1143462	Soil	0.9	18.5	13.4	57	<0.1	16.6	6.7	233	2.17	31.2	0.9	1.9	1.3	12	0.2	1.0	0.2	38	0.11	0.056
1143456	Soil	1.0	16.6	14.8	54	<0.1	17.2	8.4	236	2.38	13.0	0.8	2.2	4.3	12	0.1	1.2	0.3	31	0.07	0.038
1143460	Soil	0.9	14.4	13.5	53	<0.1	17.9	8.0	263	2.57	21.2	0.6	6.1	2.7	14	0.2	1.4	0.2	41	0.09	0.040
1143471	Soil	1.2	16.5	364.0	128	1.4	11.2	3.9	167	2.05	234.1	0.9	60.5	1.1	10	2.2	5.1	0.3	30	0.06	0.041
1143457	Soil	1.3	35.4	24.3	104	0.2	64.2	22.6	945	3.66	26.6	3.0	1.7	15.1	11	0.4	5.4	0.3	21	0.08	0.053
1143470	Soil	0.7	15.2	107.2	85	1.3	16.1	7.7	272	2.22	78.6	0.9	16.3	3.2	11	0.6	1.9	0.2	28	0.11	0.056
1143468	Soil	0.8	18.3	23.6	62	0.3	18.5	8.7	336	2.47	36.3	0.8	9.5	2.9	9	0.2	3.3	0.2	30	0.09	0.055
1143472	Soil	0.8	10.3	22.1	42	<0.1	9.8	5.2	204	1.93	28.4	0.6	17.3	1.6	7	0.2	0.8	0.2	28	0.05	0.034
1143469	Soil	0.9	19.9	48.0	64	0.7	18.1	6.8	229	2.32	167.8	0.8	11.4	1.9	13	0.4	5.1	0.2	34	0.13	0.053
1143466	Soil	0.7	21.6	10.6	76	0.2	25.4	9.3	308	1.97	24.0	0.9	3.6	5.9	12	0.3	1.6	0.2	26	0.13	0.058
1143467	Soil	1.1	34.7	80.3	147	1.2	26.0	17.4	716	4.19	295.7	1.2	1.8	7.0	6	0.6	5.5	0.4	22	0.02	0.052
1143464	Soil	0.8	9.3	9.6	38	<0.1	9.5	4.7	232	1.62	13.8	0.6	6.2	0.7	8	0.2	0.8	0.2	30	0.08	0.044
1143465	Soil	0.9	23.0	25.8	92	0.2	23.5	8.8	269	2.50	69.1	1.2	2.3	4.0	11	0.5	3.1	0.3	28	0.09	0.054
1143463	Soil	0.8	13.4	11.2	50	<0.1	13.0	6.4	275	1.95	16.4	0.7	11.9	0.9	9	0.3	0.8	0.2	33	0.09	0.052

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS DAW11000331.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1143478	Soil	14	17	0.31	72	0.035	2	1.07	0.003	0.03	0.2	0.02	1.4	<0.1	<0.05	3	0.9	<0.2
1143474	Soil	18	17	0.27	53	0.023	<1	0.88	0.004	0.04	0.3	0.05	1.2	<0.1	<0.05	3	<0.5	<0.2
1143475	Soil	22	16	0.27	60	0.014	<1	0.95	0.004	0.04	0.2	0.02	0.9	<0.1	<0.05	3	0.8	<0.2
1143458	Soil	22	22	0.47	83	0.026	4	1.60	0.005	0.07	0.2	0.03	2.1	0.2	<0.05	4	0.8	<0.2
1143455	Soil	17	19	0.34	68	0.021	1	1.16	0.004	0.04	0.2	0.02	1.5	0.2	<0.05	3	0.6	<0.2
1143459	Soil	22	22	0.40	77	0.027	<1	1.39	0.005	0.07	0.2	0.03	1.8	0.2	<0.05	4	0.6	<0.2
1143451	Soil	16	20	0.33	90	0.027	<1	1.12	0.004	0.04	0.1	0.01	1.8	0.2	<0.05	3	0.6	<0.2
1143452	Soil	29	20	0.30	104	0.022	<1	1.19	0.005	0.05	0.2	0.02	2.4	0.3	<0.05	3	1.1	<0.2
1143462	Soil	14	21	0.33	106	0.024	<1	1.19	0.005	0.04	0.3	0.06	1.7	0.2	<0.05	4	0.8	<0.2
1143456	Soil	19	19	0.33	70	0.029	<1	1.20	0.006	0.06	0.3	0.03	1.5	0.2	<0.05	3	1.1	<0.2
1143460	Soil	14	27	0.43	88	0.051	<1	1.34	0.008	0.11	0.2	0.02	2.0	0.3	<0.05	5	<0.5	<0.2
1143471	Soil	17	13	0.14	51	0.013	<1	0.69	0.004	0.04	0.2	0.04	0.7	0.1	<0.05	3	0.7	<0.2
1143457	Soil	52	14	0.20	126	0.013	<1	0.69	0.004	0.07	0.1	0.02	3.1	0.2	<0.05	2	1.1	<0.2
1143470	Soil	16	18	0.27	78	0.021	2	1.02	0.004	0.05	0.2	0.04	1.5	0.1	<0.05	3	<0.5	<0.2
1143468	Soil	18	18	0.21	53	0.018	1	0.94	0.004	0.05	0.3	0.03	1.3	0.3	<0.05	3	0.8	<0.2
1143472	Soil	15	16	0.21	44	0.018	<1	0.91	0.003	0.03	0.2	0.04	1.0	<0.1	<0.05	3	0.8	<0.2
1143469	Soil	17	17	0.22	140	0.020	1	0.72	0.004	0.05	0.4	0.03	1.3	0.3	<0.05	3	0.5	<0.2
1143466	Soil	18	17	0.40	100	0.032	<1	1.27	0.004	0.09	0.2	0.02	1.9	0.2	<0.05	3	0.9	<0.2
1143467	Soil	34	15	0.07	44	0.010	<1	0.71	0.004	0.11	0.2	0.03	1.4	0.4	<0.05	3	0.7	<0.2
1143464	Soil	13	16	0.23	59	0.021	1	0.84	0.004	0.04	0.2	0.03	0.9	0.1	<0.05	3	<0.5	<0.2
1143465	Soil	25	17	0.28	81	0.026	<1	1.02	0.004	0.08	0.3	0.02	1.5	0.2	<0.05	3	0.8	<0.2
1143463	Soil	13	18	0.25	88	0.018	<1	1.04	0.004	0.04	0.2	0.03	1.2	0.1	<0.05	4	<0.5	<0.2

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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MHR
Report Date: September 28, 2011

QUALITY CONTROL REPORT DAW11000331.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1143456	Soil	1.0	16.6	14.8	54	<0.1	17.2	8.4	236	2.38	13.0	0.8	2.2	4.3	12	0.1	1.2	0.3	31	0.07	0.038
REP 1143456	QC	1.0	16.3	14.2	54	<0.1	16.2	8.2	232	2.37	12.2	0.8	3.2	4.3	12	0.2	1.2	0.2	29	0.08	0.037
Reference Materials																					
STD DS8	Standard	13.2	111.5	124.1	325	1.7	39.2	7.7	607	2.47	25.3	2.8	116.0	6.7	72	2.4	5.5	6.8	41	0.74	0.083
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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QUALITY CONTROL REPORT DAW11000331.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1143456	Soil	19	19	0.33	70	0.029	<1	1.20	0.006	0.06	0.3	0.03	1.5	0.2	<0.05	3	1.1	<0.2
REP 1143456	QC	20	19	0.33	77	0.029	<1	1.14	0.005	0.06	0.3	0.02	1.6	0.2	<0.05	3	0.9	<0.2
Reference Materials																		
STD DS8	Standard	15	115	0.62	283	0.113	2	1.00	0.112	0.46	3.0	0.19	2.6	5.3	0.14	5	6.4	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 25, 2011
Report Date: October 06, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS DAW11000381.1

CLIENT JOB INFORMATION

Project: MAY
Shipment ID: MAY2011-04
P.O. Number
Number of Samples: 32

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	32	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	32	Dry at 60C			WHI
1DX2	32	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: MAY
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000381.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098162	Soil	0.6	21.7	60.3	230	0.5	17.9	8.8	832	2.55	174.0	1.1	17.5	4.0	12	1.3	0.9	0.7	34	0.14	0.055
1098160	Soil	0.8	17.7	22.9	118	0.2	19.3	7.2	418	2.11	81.0	0.7	5.7	3.8	13	0.5	0.7	0.3	30	0.16	0.038
1098161	Soil	0.8	19.4	28.5	112	0.2	20.9	8.5	461	2.25	74.8	0.9	12.0	3.8	12	0.6	0.9	0.3	35	0.14	0.056
1098158	Soil	0.5	21.9	27.7	150	0.6	22.3	9.0	332	2.20	95.0	1.5	26.0	4.0	17	1.2	0.9	0.4	30	0.26	0.057
1098167	Soil	0.9	28.0	223.0	1061	1.1	23.4	9.5	3830	2.86	445.0	1.8	22.4	6.1	22	6.2	3.4	0.5	30	0.14	0.059
1098165	Soil	0.6	24.8	15.7	80	0.2	28.0	11.5	616	2.60	336.4	1.1	50.0	5.8	28	0.5	0.8	1.5	30	0.40	0.044
1098164	Soil	0.6	18.9	11.3	85	0.1	22.0	8.7	381	2.35	96.2	0.9	9.1	3.3	15	0.4	0.6	0.3	33	0.12	0.045
1098163	Soil	0.7	22.3	33.5	358	0.2	18.9	8.2	477	2.15	193.2	0.7	5.0	3.1	9	1.9	0.8	0.5	30	0.08	0.042
1098166	Soil	1.0	53.4	339.2	343	2.2	29.1	10.5	600	2.89	315.7	1.9	15.7	4.6	17	0.9	1.9	0.7	37	0.12	0.067
1098171	Soil	0.7	21.8	11.7	79	0.2	22.9	9.6	523	2.33	109.0	1.3	13.3	4.8	21	0.4	0.8	0.3	32	0.22	0.056
1098169	Soil	0.6	22.2	10.4	65	0.2	24.9	10.5	397	2.21	292.9	1.3	48.9	8.6	21	0.2	0.9	0.5	29	0.20	0.073
1098168	Soil	0.8	32.7	11.8	95	0.2	35.5	16.6	499	2.74	243.7	2.1	36.7	9.7	31	0.6	0.8	0.7	34	0.28	0.081
1098172	Soil	0.8	23.2	10.6	68	0.1	19.7	9.5	403	2.35	106.0	1.1	14.2	3.0	16	0.2	0.7	0.4	33	0.14	0.049
1098174	Soil	0.9	31.5	14.7	79	0.2	24.6	11.7	502	2.65	176.6	1.5	21.8	2.0	20	0.3	0.9	0.5	37	0.14	0.067
1098173	Soil	1.2	38.1	25.5	97	0.3	23.0	15.5	967	2.97	266.1	1.4	18.5	1.3	16	0.6	0.8	0.9	45	0.09	0.091
1098170	Soil	0.8	24.6	16.3	73	0.2	22.9	13.7	669	2.74	900.9	1.5	54.0	3.9	19	0.5	1.4	0.8	33	0.17	0.082
1098177	Soil	0.7	28.4	19.4	183	0.2	20.0	6.8	306	2.13	30.3	1.0	6.8	4.6	15	1.0	0.7	0.3	33	0.15	0.055
1098175	Soil	0.9	18.6	12.0	62	0.1	16.9	6.1	277	2.20	55.5	1.0	3.9	0.7	12	0.2	0.7	0.3	35	0.09	0.053
1098179	Soil	1.2	49.6	26.7	205	0.4	25.8	10.4	574	2.85	84.1	1.7	29.1	4.2	31	1.7	0.6	1.1	38	0.18	0.073
1098381	Soil	0.9	20.3	11.5	61	0.1	19.1	7.3	336	2.33	63.5	1.1	4.1	1.5	13	0.2	0.7	0.3	37	0.12	0.056
1098180	Soil	0.8	48.2	31.5	292	0.5	23.7	9.4	748	2.59	128.6	1.6	25.2	9.8	27	2.7	1.6	0.8	35	0.21	0.063
1098178	Soil	1.0	26.5	16.5	132	0.2	18.7	8.2	483	2.44	41.4	1.1	74.5	2.6	13	0.9	0.7	0.4	40	0.11	0.061
1098181	Soil	0.8	59.1	19.6	459	0.5	28.1	10.8	684	2.80	116.8	1.7	16.6	6.7	22	3.1	0.9	0.8	39	0.15	0.057
1098176	Soil	0.8	29.7	22.6	175	0.2	19.9	7.3	328	2.05	29.1	1.0	8.1	5.8	15	1.2	0.7	0.3	33	0.15	0.061
1098154	Soil	0.6	65.0	176.0	615	3.1	31.8	10.6	806	2.77	170.3	1.8	10.8	5.7	39	3.3	1.4	1.2	30	0.37	0.054
1098152	Soil	0.7	32.8	85.5	402	2.1	26.0	10.4	689	2.63	117.6	1.3	14.3	3.0	23	3.2	1.1	0.8	32	0.32	0.065
1098151	Soil	0.5	109.5	397.7	852	3.9	33.4	13.9	1674	3.11	95.6	1.3	8.7	14.0	16	6.6	1.0	1.7	23	0.23	0.057
1098153	Soil	0.7	38.4	103.6	469	1.7	32.7	11.5	743	2.86	102.9	1.4	6.1	6.2	16	2.7	1.3	0.8	33	0.19	0.061
1098159	Soil	0.8	24.3	18.6	217	0.2	25.7	10.9	702	2.51	89.9	1.3	12.3	5.2	20	1.8	0.8	0.4	35	0.22	0.061
1098157	Soil	0.8	20.7	44.5	171	0.4	21.1	8.8	594	2.41	91.1	1.2	7.1	2.9	18	0.9	0.8	0.4	33	0.26	0.057

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098162	Soil		15	23	0.43	139	0.028	1	1.21	0.004	0.07	0.4	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1098160	Soil		14	19	0.40	122	0.032	<1	1.04	0.005	0.08	0.5	0.03	1.5	0.2	<0.05	3	<0.5	<0.2
1098161	Soil		16	20	0.37	147	0.027	<1	1.07	0.005	0.05	0.8	0.06	1.8	0.1	<0.05	3	<0.5	<0.2
1098158	Soil		20	24	0.52	150	0.024	<1	1.42	0.008	0.09	0.3	0.02	2.1	0.3	0.05	4	<0.5	<0.2
1098167	Soil		21	17	0.38	166	0.020	<1	1.02	0.004	0.07	0.4	0.08	2.1	0.2	<0.05	3	0.6	<0.2
1098165	Soil		17	24	0.57	197	0.047	<1	1.54	0.015	0.17	0.6	0.03	2.4	0.4	<0.05	4	0.5	<0.2
1098164	Soil		16	23	0.52	120	0.037	<1	1.37	0.006	0.11	0.4	0.03	1.8	0.3	<0.05	4	<0.5	<0.2
1098163	Soil		15	19	0.42	87	0.026	<1	1.11	0.004	0.07	0.3	0.02	1.5	0.2	<0.05	3	0.5	<0.2
1098166	Soil		25	28	0.55	127	0.022	2	1.59	0.006	0.09	0.5	0.03	2.1	0.3	<0.05	5	0.9	<0.2
1098171	Soil		19	23	0.47	195	0.034	<1	1.30	0.011	0.09	0.6	0.04	2.3	0.2	<0.05	4	0.7	<0.2
1098169	Soil		22	19	0.43	145	0.040	<1	1.00	0.006	0.11	1.3	0.05	1.8	0.2	<0.05	3	<0.5	<0.2
1098168	Soil		26	24	0.57	198	0.045	<1	1.46	0.009	0.16	0.6	0.04	2.6	0.3	<0.05	4	<0.5	<0.2
1098172	Soil		16	21	0.45	150	0.025	<1	1.39	0.007	0.06	0.6	0.04	1.8	0.2	<0.05	4	0.8	<0.2
1098174	Soil		18	25	0.52	178	0.027	1	1.70	0.010	0.09	0.5	0.04	1.7	0.3	0.06	5	0.7	<0.2
1098173	Soil		16	28	0.47	145	0.026	<1	1.69	0.007	0.08	0.4	0.08	1.5	0.3	0.07	6	0.5	<0.2
1098170	Soil		18	24	0.52	141	0.039	1	1.59	0.008	0.15	2.1	0.07	1.7	0.4	0.05	4	1.1	<0.2
1098177	Soil		18	21	0.47	97	0.041	<1	1.33	0.006	0.08	0.4	0.02	1.9	0.3	<0.05	4	0.9	<0.2
1098175	Soil		14	21	0.41	102	0.024	<1	1.39	0.006	0.05	0.3	0.04	1.1	0.2	0.05	4	1.0	<0.2
1098179	Soil		21	32	0.46	199	0.047	2	1.79	0.017	0.12	0.5	0.05	2.3	0.2	0.09	6	0.8	<0.2
1098381	Soil		16	23	0.42	106	0.029	<1	1.28	0.006	0.07	0.5	0.04	1.4	0.2	0.06	4	0.9	<0.2
1098180	Soil		25	23	0.45	177	0.051	<1	1.21	0.012	0.11	1.3	0.03	2.4	0.2	0.06	4	0.6	<0.2
1098178	Soil		18	24	0.44	113	0.034	<1	1.41	0.006	0.06	0.6	0.03	1.8	0.2	0.06	4	0.7	<0.2
1098181	Soil		23	28	0.49	202	0.048	1	1.63	0.012	0.11	1.4	0.04	2.7	0.2	0.08	5	0.6	<0.2
1098176	Soil		18	20	0.44	96	0.043	<1	1.25	0.006	0.08	0.5	0.02	1.9	0.3	0.05	3	<0.5	<0.2
1098154	Soil		31	30	0.60	124	0.026	<1	1.54	0.012	0.11	0.3	0.04	2.5	0.3	0.07	5	0.5	<0.2
1098152	Soil		24	27	0.56	129	0.019	<1	1.28	0.006	0.07	0.3	0.03	1.8	0.2	0.09	4	<0.5	<0.2
1098151	Soil		39	20	0.57	119	0.014	<1	1.35	0.005	0.06	0.3	0.04	2.1	0.1	0.06	3	<0.5	<0.2
1098153	Soil		28	31	0.66	130	0.035	<1	1.40	0.004	0.13	0.3	0.02	2.3	0.2	0.07	4	<0.5	<0.2
1098159	Soil		22	25	0.51	184	0.040	<1	1.40	0.008	0.12	0.5	0.03	2.2	0.3	0.07	4	0.5	<0.2
1098157	Soil		18	25	0.50	184	0.025	<1	1.41	0.010	0.09	0.3	0.02	2.0	0.3	0.07	4	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS DAW11000381.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1098156	Soil	0.6	40.0	90.6	300	1.0	27.1	9.5	794	2.58	127.2	1.7	6.6	4.9	26	3.1	0.9	0.7	30	0.45	0.068
1098155	Soil	0.6	42.9	44.7	404	0.8	27.0	11.1	554	2.46	188.9	1.3	16.0	5.8	35	3.7	0.8	1.2	34	0.41	0.073

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1098156	Soil	26	23	0.51	157	0.024	<1	1.27	0.011	0.08	0.4	0.04	2.2	0.3	0.08	4	<0.5	<0.2
1098155	Soil	23	24	0.49	182	0.027	<1	1.25	0.023	0.09	0.5	0.03	2.4	0.4	0.06	4	<0.5	<0.2

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Project: MAY
Report Date: October 06, 2011

QUALITY CONTROL REPORT DAW11000381.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1098161	Soil	0.8	19.4	28.5	112	0.2	20.9	8.5	461	2.25	74.8	0.9	12.0	3.8	12	0.6	0.9	0.3	35	0.14	0.056
REP 1098161	QC	0.7	18.7	28.6	110	0.1	20.4	8.3	446	2.16	73.9	0.9	28.5	4.0	12	0.8	0.9	0.3	35	0.14	0.056
1098177	Soil	0.7	28.4	19.4	183	0.2	20.0	6.8	306	2.13	30.3	1.0	6.8	4.6	15	1.0	0.7	0.3	33	0.15	0.055
REP 1098177	QC	0.7	29.1	20.2	184	0.2	20.5	7.1	307	2.21	30.3	1.0	22.5	4.8	15	1.1	0.6	0.3	33	0.15	0.057
Reference Materials																					
STD DS8	Standard	12.8	105.4	123.0	308	1.8	36.4	7.3	600	2.42	24.6	2.8	111.4	7.1	73	2.4	5.8	6.8	41	0.76	0.077
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Vancouver BC V6C 1H2 Canada

Project: MAY
Report Date: October 06, 2011

QUALITY CONTROL REPORT DAW11000381.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1098161	Soil	16	20	0.37	147	0.027	<1	1.07	0.005	0.05	0.8	0.06	1.8	0.1	<0.05	3	<0.5	<0.2
REP 1098161	QC	16	20	0.36	143	0.024	<1	1.03	0.005	0.05	0.7	0.04	1.5	0.1	<0.05	3	<0.5	<0.2
1098177	Soil	18	21	0.47	97	0.041	<1	1.33	0.006	0.08	0.4	0.02	1.9	0.3	<0.05	4	0.9	<0.2
REP 1098177	QC	18	21	0.47	98	0.039	<1	1.38	0.006	0.08	0.4	0.02	1.8	0.4	<0.05	4	0.7	<0.2
Reference Materials																		
STD DS8	Standard	16	115	0.67	272	0.117	2	0.92	0.093	0.42	2.9	0.20	2.3	5.0	0.21	5	5.0	4.8
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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SampleNum	Easting	Northing	~~Datum~~	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1025551	412692	7073506	8N	0.3	1.12	35.9	8.7	1	141	0.2	0.46	0.5	10.3	20	26.2	2.19	3	0.06	0.05	20
1025552	412671	7073553	8N	7.7	0.88	170.2	85.1	1	110	0.3	0.29	12.2	10.1	13	69.5	3.46	3	0.04	0.11	32
1025553	412651	7073598	8N	0.5	1.06	32.9	11	1	175	0.2	0.25	0.4	8.2	18	16.4	2.18	4	0.04	0.04	19
1025554	412629	7073642	8N	0.5	1.01	32.5	12.4	1	105	0.3	0.12	0.3	3.8	20	17.1	1.83	4	0.07	0.05	17
1025555	412613	7073691	8N	0.3	0.92	56.6	15.1	1	153	0.2	0.19	0.3	7.6	18	20.6	2.1	3	0.03	0.04	20
1025556	412596	7073739	8N	0.2	1.1	27.5	3.6	0.5	145	0.2	0.3	0.3	6.7	19	11.5	1.96	4	0.03	0.04	14
1025557	412575	7073783	8N	0.4	1.4	52	6.5	1	173	0.3	0.45	0.4	11	21	25.7	2.42	4	0.04	0.05	24
1025601	417701	7083877	8N	0.1	1.23	11.1	15	0.5	86	0.3	0.09	0.2	11.1	19	30.7	2.76	4	0.02	0.05	37
1025602	417745	7083909	8N	0.1	1.22	8.5	14.7	0.5	75	0.4	0.08	0.2	15.9	20	33.3	2.71	4	0.03	0.05	40
1025603	417790	7083933	8N	0.2	1.16	7.2	11	0.5	73	0.3	0.06	0.05	7.2	17	21.8	2.36	4	0.02	0.03	29
1025604	417834	7083958	8N	0.5	2.03	12.6	16.7	0.5	140	0.5	0.13	0.05	13.1	26	53.7	3.91	6	0.08	0.08	30
1025605	417872	7083995	8N	0.05	1.1	9	15.5	0.5	105	0.2	0.08	0.1	8.7	18	29.6	2.52	4	0.02	0.04	34
1025606	417919	7084031	8N	0.05	1.15	9.4	11.4	1	82	0.3	0.06	0.05	10.1	18	26.4	2.56	4	0.01	0.04	29
1025607	417954	7084097	8N	0.05	1.3	9	12.6	0.5	119	0.2	0.09	0.2	8.5	22	27.1	2.48	4	0.04	0.05	26
1025608	417969	7084171	8N	0.05	1.19	7.6	12.2	2	79	0.3	0.07	0.1	9.1	21	26	2.68	4	0.03	0.04	35
1025609	418022	7084311	8N	0.1	1.3	6	10.9	0.5	126	0.3	0.12	0.1	12.1	21	22.3	2.6	4	0.02	0.05	34
1025610	418039	7084458	8N	0.1	1.21	5.5	11.5	0.5	82	0.3	0.1	0.05	10.8	19	16.4	2.42	4	0.04	0.03	29
1025611	418049	7084531	8N	0.05	1.53	11.6	15.4	0.5	111	0.3	0.1	0.2	10.1	24	26.3	2.83	5	0.05	0.05	24
1025612	418071	7084603	8N	0.05	1.64	9.3	13.6	0.5	56	0.4	0.05	0.05	8.5	27	30.6	3.67	5	0.03	0.05	37
1025613	418074	7084683	8N	0.1	1.08	5.7	17.8	0.5	79	0.2	0.08	0.05	5.7	20	17.1	1.93	4	0.04	0.04	22
1025614	418074	7084757	8N	0.05	1.11	7.4	12.7	0.5	80	0.3	0.07	0.2	13.8	18	28.3	2.65	4	0.01	0.05	33
1028087	411699	7089486	8N	0.2	2.11	245.2	47.4	2	478	43.8	0.78	0.7	11.5	16	72.8	2.42	7	0.03	0.09	55
1028088	411699	7089537	8N	0.05	1.63	149.4	9.5	1	215	3.1	0.49	0.2	7.4	25	52.4	2.42	6	0.02	0.12	38
1028089	411700	7089587	8N	0.1	1.43	45.5	9.1	2	203	1.9	0.27	0.6	9.5	23	25.1	2.47	4	0.04	0.05	21
1028090	411698	7089636	8N	0.05	1.71	30	27.7	1	175	1	0.18	0.3	10	31	35	2.5	5	0.07	0.11	19
1028091	411698	7089687	8N	0.1	1.55	65.4	26.4	3	240	3.2	0.48	0.4	9.6	26	36	2.56	5	0.03	0.07	25
1028092	411699	7089736	8N	0.05	1.75	47.8	7.8	2	125	2	0.13	0.1	7.6	27	17.9	2.54	5	0.03	0.04	15
1028093	411698	7089788	8N	0.2	1.44	32	5.9	2	214	2.9	0.49	0.2	6.3	20	42.3	1.9	4	0.03	0.04	16
1028095	411700	7089837	8N	0.2	2.04	35.3	6.6	3	239	3.2	0.64	0.7	8.1	23	27	1.95	6	0.03	0.04	17
1028096	411699	7089886	8N	0.2	1.82	56.7	14.7	3	242	2.2	0.83	0.7	7.4	23	33.4	2.07	5	0.04	0.05	18
1028097	411699	7089938	8N	0.3	1.54	12.7	8.2	5	195	1.5	1.01	0.9	6.9	21	27.5	1.92	4	0.05	0.04	19
1028098	411699	7089988	8N	0.3	2.12	11.8	8.8	3	236	3	0.87	0.8	9.2	27	25.7	2.26	6	0.06	0.06	16
1028099	411698	7090037	8N	0.3	2.03	9.1	3.2	3	175	0.8	0.6	0.8	8.5	24	22.9	2.12	5	0.04	0.05	16
1028100	411700	7090087	8N	0.5	1.92	46.7	8.4	4	156	8.5	0.79	1.9	8.2	23	55.5	2.08	6	0.02	0.05	26
1028352	415959	7080330	8N	0.05	1.45	14.9	1.4	0.5	74	0.2	0.08	0.05	6.8	21	23.9	2.71	4	0.04	0.03	23
1028354	415933	7080373	8N	0.05	1.59	17.7	2.8	0.5	104	0.3	0.08	0.2	7.5	22	20.3	2.66	4	0.04	0.05	22
1028355	415915	7080421	8N	0.05	1.24	19.3	3.2	0.5	93	0.2	0.1	0.1	8	19	19	2.41	4	0.04	0.03	17
1028356	415885	7080459	8N	0.1	1.23	18.8	3.2	0.5	120	0.3	0.08	0.2	7.4	18	24	2.52	3	0.04	0.05	33
1028357	415862	7080505	8N	0.05	1.44	21.7	2.5	0.5	83	0.3	0.09	0.2	9.5	21	27.1	2.65	4	0.05	0.04	22
1028358	415843	7080552	8N	0.05	1.32	43.2	4.3	1	77	0.2	0.06	0.2	7.7	20	21.7	2.53	4	0.03	0.03	16
1031331	410899	7088803	8N	0.4	1.66	362.2	75.1	2	180	5.3	0.36	0.5	11.5	26	97.2	2.65	5	0.07	0.07	24
1031332	410899	7088852	8N	1	1.74	795.9	124.4	5	212	29.1	0.67	0.8	9.9	24	123.6	3.01	6	0.06	0.06	20
1031333	410899	7088902	8N	2.2	1.55	1923.5	128.5	4	367	34	1.14	0.7	9.5	22	119.4	2.97	4	0.04	0.06	22
1031334	410898	7088953	8N	0.5	1.59	154.4	202.8	9	212	23.8	1.61	0.7	7.9	20	52.6	1.8	4	0.04	0.04	14
1031335	410897	7089003	8N	0.4	1.95	48.7	52.7	6	214	9.1	1.15	0.7	7.4	30	49.5	2.26	6	0.03	0.05	18
1031336	410897	7089053	8N	0.2	2.56	73.4	5.7	4	235	0.8	0.62	0.5	12.3	24	28.9	2.27	6	0.03	0.07	18

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1025551	0.32	586	0.7	0.005	22.2	0.063	38.1	0.025	0.8	1.9	0.25	18	0.1	3.3	0.014	0.1	1.5	30	0.3	80
1025552	0.19	1780	0.5	0.004	23.5	0.049	2264.5	0.025	5.5	1.8	0.25	15	0.1	11	0.004	0.2	2	16	0.2	1533
1025553	0.32	434	0.7	0.004	17	0.061	60.1	0.025	0.6	1.3	0.25	14	0.1	3.2	0.009	0.1	1	28	0.3	98
1025554	0.21	118	0.8	0.004	14.6	0.071	25.3	0.025	0.6	1	0.25	10	0.1	0.6	0.013	0.2	1	29	0.3	40
1025555	0.32	310	0.8	0.004	21.1	0.06	31.9	0.025	0.8	1.3	0.25	14	0.1	3.9	0.019	0.05	0.9	27	0.4	69
1025556	0.34	320	0.8	0.005	14.5	0.057	27.7	0.025	0.5	1.3	0.25	20	0.1	1.6	0.011	0.1	0.7	35	0.3	76
1025557	0.37	481	0.8	0.006	26.1	0.067	31.8	0.025	0.6	1.7	0.6	31	0.1	3.2	0.011	0.1	2.3	30	0.2	96
1025601	0.44	285	1.2	0.005	26.4	0.052	23.9	0.025	2.1	1.4	0.25	16	0.1	10.4	0.013	0.05	1.6	28	0.2	69
1025602	0.46	389	1	0.005	30.7	0.047	22.8	0.025	0.8	1.3	0.25	17	0.1	11.2	0.011	0.05	1.7	24	0.05	61
1025603	0.4	208	1.1	0.004	17.8	0.041	17.4	0.025	0.9	1	0.25	10	0.1	4.8	0.007	0.05	1.3	24	0.1	51
1025604	0.59	273	1.5	0.006	43.1	0.06	32.1	0.025	1.2	2.5	0.5	24	0.1	11.5	0.006	0.05	4.3	31	0.05	82
1025605	0.43	205	1.2	0.006	24.5	0.033	14.6	0.025	0.7	1.5	0.25	15	0.1	9.2	0.015	0.05	1.4	26	0.1	59
1025606	0.41	262	1	0.004	23	0.033	17.4	0.025	1.1	1.4	0.25	12	0.1	10.5	0.013	0.05	1.1	29	0.1	61
1025607	0.44	232	0.9	0.009	23.4	0.038	12.6	0.025	0.7	1.9	0.25	14	0.1	5.9	0.023	0.05	1.3	36	0.1	59
1025608	0.44	241	1	0.004	25.1	0.047	18.6	0.025	0.8	1.3	0.25	11	0.1	7.1	0.006	0.05	1.6	26	0.1	61
1025609	0.47	308	0.9	0.006	21.8	0.047	17.6	0.025	0.7	1.8	0.25	14	0.1	7.9	0.015	0.05	1.5	28	0.1	65
1025610	0.42	260	0.7	0.004	21	0.051	17.8	0.025	0.7	1.4	0.25	11	0.1	6.9	0.006	0.05	1.3	25	0.1	58
1025611	0.45	338	1.1	0.006	22.7	0.051	15.2	0.025	0.9	2.1	0.6	15	0.1	6.3	0.029	0.05	1.3	40	0.2	66
1025612	0.52	207	1.2	0.005	23.4	0.051	22.5	0.025	0.9	1.7	0.25	17	0.1	13.2	0.016	0.05	1.3	34	0.1	69
1025613	0.35	146	0.7	0.004	16.3	0.045	15.2	0.025	0.9	1.1	0.25	10	0.1	2.5	0.009	0.05	1.1	25	0.2	45
1025614	0.37	366	1.1	0.004	29.4	0.042	19.1	0.025	0.8	1.5	0.25	15	0.1	8.8	0.016	0.05	1.5	27	0.1	63
1028087	0.65	798	0.7	0.006	14.4	0.089	31.8	0.025	8.2	5.5	1	60	0.6	20.1	0.003	0.2	10.8	36	0.3	61
1028088	0.48	288	0.7	0.008	12.5	0.09	13	0.025	2.7	2.9	0.25	76	0.1	12.1	0.061	0.2	3.2	40	0.9	50
1028089	0.39	423	1.2	0.008	24.3	0.087	10.7	0.025	1.6	2.1	0.25	23	0.1	5.4	0.042	0.05	1.4	43	0.7	73
1028090	0.57	372	1.1	0.011	21	0.059	10.6	0.025	1.4	2.8	0.25	17	0.1	5.5	0.079	0.3	1.3	45	0.9	62
1028091	0.6	502	0.9	0.011	21.5	0.09	8.9	0.025	17.8	3.3	0.9	33	0.1	8.1	0.056	0.2	1.8	39	1	77
1028092	0.4	487	1.4	0.005	16.6	0.065	10.9	0.025	1.7	1.5	1.2	11	0.1	1.1	0.03	0.1	1.8	47	0.4	60
1028093	0.4	262	0.6	0.019	19.6	0.074	13	0.025	1.3	2.1	0.25	32	0.1	3.6	0.031	0.05	1.3	33	0.4	57
1028095	0.48	377	0.7	0.036	18.3	0.079	23.7	0.025	1.4	2.1	0.25	48	0.1	2.8	0.032	0.1	1.2	34	0.4	67
1028096	0.46	358	0.8	0.036	20.6	0.084	21.1	0.025	1.4	2.2	0.25	54	0.1	3.4	0.035	0.1	1.2	35	0.5	64
1028097	0.51	382	0.7	0.036	18.8	0.088	25.7	0.025	0.9	2.2	1.2	58	0.1	3.7	0.03	0.05	1.1	32	0.9	63
1028098	0.55	360	0.7	0.045	22.6	0.067	33.5	0.025	0.8	2.5	0.25	52	0.1	3.9	0.041	0.1	0.8	39	0.3	59
1028099	0.6	366	0.8	0.027	22.8	0.045	52.1	0.025	0.7	2.8	0.25	44	0.1	4.4	0.044	0.1	0.8	35	0.3	64
1028100	0.51	274	0.8	0.043	22.2	0.098	33.6	0.025	2.1	3.1	0.25	71	0.1	8.6	0.036	0.05	2.7	37	0.5	101
1028352	0.51	190	0.8	0.004	16	0.046	15.5	0.025	0.7	1.5	0.25	10	0.1	5.4	0.015	0.05	1	31	0.1	53
1028354	0.46	220	1	0.005	17.3	0.052	15.6	0.025	1	1.6	0.6	11	0.1	2.5	0.022	0.1	1	38	0.1	57
1028355	0.38	245	0.9	0.004	17.4	0.045	14.8	0.025	1.4	1.7	0.25	11	0.1	4.7	0.019	0.05	0.8	33	0.2	55
1028356	0.37	215	1.1	0.004	18.7	0.044	22	0.025	4.3	1.7	0.25	10	0.1	6	0.017	0.1	1.2	30	0.1	58
1028357	0.47	253	0.9	0.005	19.9	0.055	17.5	0.025	1.1	1.5	0.25	11	0.1	3.4	0.018	0.05	1.2	34	0.2	59
1028358	0.41	236	1	0.005	17.5	0.037	17.6	0.025	1.8	1.4	0.25	9	0.1	2.6	0.018	0.05	0.8	35	0.2	55
1031331	0.39	573	1.1	0.014	21.6	0.091	11.6	0.025	14.9	2.6	0.25	29	0.1	7.1	0.054	0.2	3.6	44	1.9	73
1031332	0.44	525	0.9	0.019	21.6	0.078	15.8	0.025	129.9	2.4	0.8	72	0.1	5.1	0.037	0.2	2.3	38	1.8	96
1031333	0.49	654	0.6	0.038	21.2	0.083	18.2	0.025	72.3	3.2	0.25	60	0.3	6.1	0.017	0.1	1.6	34	0.8	73
1031334	0.32	583	0.8	0.049	16.4	0.105	19.3	0.06	12.8	1.7	0.25	54	0.6	2.9	0.024	0.05	1.3	27	0.4	82
1031335	0.7	244	0.2	0.045	20.4	0.084	19	0.025	8.8	3.6	0.25	44	0.1	6.1	0.056	0.2	1.2	35	0.4	89
1031336	0.5	374	0.8	0.063	29	0.049	20.1	0.025	1.4	2.6	0.25	75	0.1	5.4	0.049	0.3	0.9	33	0.5	60

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1031337	410897	7089103	8N	0.05	1.43	29.3	1.2	2	105	0.3	0.13	0.1	6.8	21	13.9	2.07	4	0.04	0.05	12
1031338	410897	7089153	8N	0.1	1.46	31.6	2.1	2	250	0.7	0.39	0.2	8.9	31	29.2	2.6	5	0.03	0.09	25
1031339	410895	7089202	8N	0.05	2.13	80	2.6	3	196	1.3	0.2	0.3	11.2	32	34.1	2.59	6	0.05	0.1	12
1031340	410896	7089254	8N	0.2	2.09	292.2	5.7	4	193	2.6	1.5	0.4	10.7	25	39.7	2.09	6	0.05	0.07	17
1031341	410895	7089302	8N	0.2	2.14	112.6	4.7	4	222	1.1	1.66	0.4	7.6	24	24.9	1.58	6	0.05	0.04	16
1031342	410896	7089353	8N	0.3	1.93	204.9	3.8	6	223	3.3	1.7	0.4	9.6	26	41.9	2.35	6	0.04	0.05	24
1031343	410896	7089403	8N	0.2	1.68	162.4	2.2	3	237	2.2	1.5	0.4	7.8	27	30.9	2.04	5	0.06	0.04	19
1031344	410896	7089454	8N	0.1	1.59	138.5	3	3	248	2.2	1.06	0.5	8.2	22	20.4	1.68	5	0.05	0.05	17
1031345	410897	7089504	8N	0.2	2.07	135.7	2.7	3	276	2.5	1	0.4	9.6	30	31.2	2.04	6	0.06	0.05	20
1031346	410897	7089554	8N	0.2	2.38	140	6.2	5	241	2.9	0.93	0.4	9.2	26	26.1	2.05	7	0.05	0.05	21
1031347	410896	7089604	8N	0.2	1.82	121.4	9.9	3	226	3	0.8	0.4	9.1	26	31.5	2.07	6	0.05	0.05	20
1031348	410896	7089654	8N	0.2	1.84	76.1	3.7	5	269	1.9	1.59	0.4	8.4	25	31.3	1.96	6	0.06	0.05	21
1031349	410897	7089704	8N	1.3	2.13	128.8	5.5	4	276	2.4	1.78	0.6	10.3	30	48.6	2.11	7	0.05	0.07	20
1031350	410896	7089754	8N	0.3	2.06	130.9	15.7	3	233	3.6	1.62	0.9	9.7	33	32.3	2.41	7	0.39	0.07	26
1031404	420529	7086747	8N	0.05	1.22	14.4	17.1	0.5	86	0.1	0.08	0.1	7.6	22	13.7	2.49	3	0.02	0.04	14
1031405	420568	7086780	8N	0.05	2.25	8.4	0.25	2	316	0.5	0.41	0.2	22	181	39.9	4.59	7	0.01	0.33	32
1031406	420596	7086822	8N	0.05	1.77	11.7	1.6	1	156	0.2	0.07	0.2	8.7	30	12.3	2.66	4	0.02	0.04	13
1031407	420645	7086827	8N	0.2	1.08	13.2	9.5	1	129	0.5	0.3	0.4	32.1	14	63.5	3.66	3	0.02	0.06	42
1031409	420668	7086872	8N	0.05	1.87	9	0.25	0.5	43	0.4	0.02	0.05	14.2	30	33.5	3.77	5	0.005	0.04	47
1031410	420703	7086908	8N	0.05	1.33	15.2	1.1	0.5	51	0.2	0.04	0.05	7.6	22	17.4	3.34	5	0.02	0.04	21
1031411	420738	7086944	8N	0.05	2.03	12	5.4	1	99	0.2	0.09	0.2	7.8	33	20.9	3.06	5	0.07	0.04	15
1031412	420768	7086984	8N	0.05	1.55	1.7	2.1	0.5	44	0.8	0.01	0.05	4	20	40	3.55	4	0.005	0.04	45
1031414	420805	7087018	8N	0.05	1.39	11.5	1.3	0.5	101	0.2	0.16	0.1	11.6	21	16.6	2.35	3	0.02	0.05	17
1031415	420849	7087044	8N	0.1	1.6	5.7	1.7	0.5	162	0.7	0.07	0.2	16.1	21	43.1	3.89	4	0.005	0.05	49
1031416	420879	7087084	8N	0.05	1.51	9.1	3.2	0.5	101	0.3	0.09	0.2	11.5	23	25.3	2.96	4	0.02	0.05	36
1031417	420912	7087123	8N	0.05	1.26	7.2	2.2	0.5	143	0.4	0.07	0.1	15	22	46.1	3.25	3	0.03	0.06	47
1031418	420940	7087165	8N	0.05	1.54	11.9	1.3	1	89	0.2	0.08	0.2	6.3	29	8.6	2.77	5	0.03	0.04	15
1031419	420972	7087203	8N	0.05	1.8	12	1.4	1	218	0.2	0.14	0.05	10.1	31	24.5	2.72	5	0.03	0.06	28
1031420	421008	7087240	8N	0.05	1.39	9.5	1.9	0.5	131	0.2	0.1	0.2	10.6	35	28.9	2.51	4	0.01	0.04	31
1031421	421044	7087276	8N	0.05	1.3	14	3.7	1	153	0.2	0.09	0.1	9.8	26	22.5	2.52	3	0.03	0.04	21
1031422	421083	7087308	8N	0.05	1.52	13.1	3	0.5	75	0.1	0.08	0.1	8.9	31	16.7	2.76	4	0.02	0.03	14
1031423	421116	7087347	8N	0.05	1.37	12	1.4	0.5	88	0.2	0.09	0.1	11.9	24	20	2.85	4	0.02	0.05	23
1031424	421135	7087393	8N	0.05	1.2	8.4	2	0.5	98	0.1	0.1	0.1	7.1	21	17.8	2.07	4	0.03	0.04	19
1031425	421158	7087438	8N	0.05	1.39	8.8	5	0.5	152	0.2	0.1	0.1	8.8	24	22.6	2.58	4	0.02	0.04	29
1031426	421191	7087477	8N	0.05	1.39	9.1	3	1	185	0.2	0.14	0.1	9.4	25	24.9	2.29	4	0.03	0.05	25
1031427	421231	7087507	8N	0.05	1.39	10.4	5.3	1	181	0.2	0.12	0.05	7.7	25	22.5	2.4	4	0.03	0.05	21
1031428	421261	7087547	8N	0.05	1.17	8.4	2.5	0.5	111	0.2	0.09	0.2	5.6	19	18.5	2.08	4	0.04	0.04	22
1031429	421290	7087588	8N	0.05	1.11	7.5	1.9	0.5	98	0.2	0.08	0.1	5.9	18	19	2.22	4	0.03	0.04	26
1031430	421324	7087624	8N	0.05	1.29	6.3	2.5	0.5	152	0.3	0.09	0.05	7.7	20	27.8	2.85	4	0.02	0.05	39
1031431	421350	7087668	8N	0.05	1.12	8.4	4	0.5	191	0.2	0.13	0.2	7.6	20	21.7	2.22	3	0.02	0.04	24
1031432	421385	7087705	8N	0.05	1.02	10.7	3.3	1	208	0.2	0.14	0.05	8.4	21	22.9	2.12	3	0.03	0.03	19
1031433	421416	7087744	8N	0.1	1.14	11.2	5.9	1	270	0.2	0.37	0.2	10.3	32	34.6	2.72	4	0.03	0.08	16
1031434	421442	7087788	8N	0.05	0.9	11.4	3.6	2	156	0.2	0.17	0.2	9.2	18	13.1	2.04	3	0.01	0.04	14
1031435	421456	7087837	8N	0.05	0.77	10.3	1.6	0.5	257	0.1	0.2	0.05	8	18	25	1.85	2	0.02	0.03	15
1031436	421478	7087882	8N	0.05	0.81	9.1	2.1	0.5	188	0.2	0.17	0.05	7.4	18	21.6	1.8	2	0.03	0.03	16
1031437	421502	7087927	8N	0.2	0.8	13.1	1.5	0.5	213	0.2	0.16	0.1	10.7	18	33.1	2.37	2	0.04	0.05	23

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1031337	0.35	173	0.8	0.005	16.5	0.045	9.8	0.025	1.2	1.9	0.25	11	0.1	3.3	0.04	0.2	0.6	38	0.3	42
1031338	0.54	363	1.2	0.014	22.8	0.081	14.3	0.025	1.8	4.2	0.25	36	0.1	7.8	0.061	0.1	2.2	49	0.4	80
1031339	0.54	366	1.3	0.013	26.3	0.055	11.6	0.05	1.1	2.4	0.25	23	0.1	2.7	0.066	0.2	0.7	51	0.2	74
1031340	0.52	400	0.8	0.078	24.9	0.089	14.9	0.09	2.5	2.6	0.7	88	0.1	3.3	0.037	0.1	1.4	34	0.4	60
1031341	0.46	338	0.5	0.079	18.2	0.085	12.4	0.12	1.6	1.9	0.6	105	0.1	3	0.029	0.1	1.1	27	0.3	44
1031342	0.63	342	0.7	0.073	24.3	0.085	14.8	0.07	2.6	2.8	0.8	107	0.1	5.1	0.037	0.1	2	37	0.4	63
1031343	0.41	367	0.4	0.054	19.8	0.087	12.9	0.12	2.2	3.1	0.6	76	0.1	4.3	0.027	0.1	1.7	34	0.3	65
1031344	0.38	523	0.5	0.06	17.2	0.078	11.6	0.06	1.8	2.3	0.25	68	0.1	4.6	0.044	0.1	1.4	32	0.7	53
1031345	0.48	242	0.4	0.038	22	0.083	15.4	0.12	2.3	2.9	0.5	54	0.1	4.6	0.039	0.2	2.5	38	0.5	62
1031346	0.46	359	0.6	0.051	20.8	0.09	15.6	0.11	1.2	2	0.7	65	0.1	3.2	0.039	0.1	1.8	35	0.5	58
1031347	0.48	337	0.7	0.04	22.2	0.078	14	0.06	1.5	2.5	0.7	53	0.1	3.7	0.042	0.1	1.7	39	0.9	60
1031348	0.49	343	0.7	0.065	20.2	0.079	15.8	0.11	2	2.4	0.9	75	0.1	3.6	0.041	0.1	1.5	34	0.5	55
1031349	0.59	505	0.6	0.073	20.8	0.096	19.6	0.12	9	2.5	0.6	81	0.1	3.5	0.034	0.2	1.6	37	0.2	63
1031350	0.72	272	0.4	0.043	19.5	0.099	15	0.06	45.6	4.8	0.25	118	0.1	8.3	0.028	0.1	1.3	40	0.5	87
1031404	0.35	268	0.9	0.004	15	0.037	10.6	0.025	0.8	1.9	0.8	8	0.1	2.6	0.022	0.05	0.7	36	0.2	46
1031405	1.65	679	0.8	0.01	35.2	0.115	31.9	0.025	1.7	5.3	0.25	39	0.1	11.4	0.236	1	1.4	114	0.2	97
1031406	0.42	277	1.1	0.005	18	0.02	12.5	0.025	0.7	2.5	0.25	9	0.1	4.8	0.035	0.1	0.7	49	0.2	50
1031407	0.88	3057	1.5	0.004	70.1	0.088	20.7	0.025	2.7	3.2	0.25	25	0.1	14.9	0.014	0.05	1	19	0.1	78
1031409	0.77	255	0.9	0.004	28.4	0.036	34	0.025	0.5	1.3	0.25	13	0.1	13.8	0.007	0.05	1.7	22	0.05	73
1031410	0.36	232	1.1	0.003	23.8	0.036	15.3	0.025	0.9	1.5	0.25	7	0.1	7.4	0.023	0.05	0.9	41	0.2	54
1031411	0.43	303	1.1	0.006	15.3	0.04	13.8	0.025	0.7	3	0.8	10	0.1	5.5	0.039	0.1	1.1	49	0.2	53
1031412	0.8	256	0.8	0.005	5.8	0.05	49	0.05	0.3	1	0.25	14	0.1	20.3	0.004	0.05	2.8	12	0.05	79
1031414	0.41	461	0.6	0.006	18.2	0.074	12.7	0.025	0.6	2.1	0.5	15	0.1	5.7	0.028	0.05	1.2	31	0.2	65
1031415	0.81	288	0.7	0.011	25.5	0.061	45.7	0.025	0.5	1.7	0.25	25	0.1	22.9	0.011	0.05	3.3	18	0.05	88
1031416	0.49	338	1.1	0.005	21.1	0.054	19.2	0.025	0.9	1.9	0.25	13	0.1	9.6	0.026	0.05	1.6	31	0.1	68
1031417	0.43	320	1.7	0.006	38.8	0.032	29	0.025	1.6	3	0.6	17	0.1	12.9	0.019	0.05	1.8	30	0.1	77
1031418	0.36	263	1	0.005	13.2	0.031	13.2	0.025	0.7	2.1	1.1	9	0.1	3.7	0.035	0.1	0.6	51	0.1	42
1031419	0.48	298	1.1	0.008	21.9	0.053	13.9	0.025	0.7	3.5	0.7	15	0.1	4.9	0.031	0.1	1.2	48	0.2	54
1031420	0.58	341	0.8	0.005	25.7	0.042	15	0.025	0.7	2.6	0.25	13	0.1	6.7	0.022	0.05	1.3	32	0.1	58
1031421	0.39	304	0.9	0.004	21.2	0.05	12.7	0.025	0.7	2.7	0.25	10	0.1	7	0.024	0.05	1.2	35	0.2	55
1031422	0.46	281	0.9	0.004	20.4	0.043	11.2	0.025	0.6	2.6	0.6	8	0.1	3.6	0.026	0.05	0.5	47	0.2	45
1031423	0.41	421	1	0.005	23.5	0.047	16.8	0.025	0.7	1.8	0.25	10	0.1	5.8	0.027	0.05	1	39	0.2	64
1031424	0.33	208	0.7	0.004	14.9	0.042	10.9	0.025	0.5	1.5	0.6	11	0.1	1.5	0.019	0.05	0.8	33	0.1	45
1031425	0.47	266	0.8	0.006	18.7	0.044	15.6	0.025	0.6	2.3	0.25	11	0.1	8	0.028	0.05	1.3	36	0.2	59
1031426	0.48	307	0.9	0.006	20.1	0.046	12.3	0.025	0.6	2.7	0.25	14	0.1	5.4	0.03	0.05	1.2	37	0.2	60
1031427	0.42	208	1	0.006	19	0.047	11.8	0.025	0.7	2	0.7	14	0.1	2.4	0.025	0.05	1	41	0.2	56
1031428	0.32	164	0.8	0.005	14.6	0.048	14.4	0.025	0.6	1.3	0.6	12	0.1	1.4	0.018	0.05	1	32	0.2	47
1031429	0.34	175	0.9	0.005	13.5	0.05	14.7	0.025	0.5	1.1	0.25	15	0.1	1.7	0.015	0.05	1.2	29	0.1	48
1031430	0.47	216	1.2	0.006	16.9	0.051	17.4	0.025	0.7	1.5	0.25	21	0.1	5.6	0.015	0.05	1.7	27	0.1	63
1031431	0.38	218	0.9	0.005	17.3	0.049	11.9	0.025	0.7	1.9	0.5	15	0.1	3.7	0.024	0.05	0.9	31	0.2	56
1031432	0.34	252	0.7	0.005	20.3	0.049	11.3	0.025	0.7	2	0.25	14	0.1	2.5	0.024	0.05	0.8	34	0.2	50
1031433	0.46	350	1.5	0.013	28.6	0.08	10.8	0.025	1.2	4.1	0.25	31	0.1	5.6	0.063	0.05	0.9	56	0.2	82
1031434	0.35	368	0.8	0.006	16.8	0.059	8.7	0.025	0.6	1.5	0.6	15	0.1	1.6	0.029	0.05	0.6	31	0.1	51
1031435	0.34	296	0.4	0.007	20.7	0.055	7.7	0.025	0.7	2.1	0.25	18	0.1	3.8	0.034	0.05	0.7	30	0.2	49
1031436	0.32	274	0.6	0.005	19.9	0.054	8.4	0.025	0.7	1.8	0.25	15	0.1	3.4	0.029	0.05	0.7	26	0.2	45
1031437	0.35	474	0.8	0.004	26.2	0.052	16.7	0.025	1.8	2	0.25	15	0.1	8	0.025	0.05	0.7	21	0.2	62

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1031438	421528	7087971	8N	0.05	1.04	12.3	1.7	0.5	157	0.2	0.11	0.05	11.1	20	27.3	2.64	3	0.03	0.06	28
1031439	418372	7084959	8N	0.05	1.05	7.7	2.1	0.5	141	0.2	0.1	0.1	7.7	21	19.6	2.02	3	0.03	0.03	16
1031440	418386	7085009	8N	0.1	1.04	6.8	3.8	0.5	85	0.2	0.11	0.1	12.4	22	26.6	2.43	3	0.02	0.05	26
1031441	418402	7085056	8N	0.05	1.08	9.2	3.3	0.5	88	0.2	0.1	0.1	11.7	32	22.8	2.21	3	0.02	0.03	22
1031442	418422	7085103	8N	0.1	0.98	6.1	5.7	1	99	0.2	0.09	0.2	10.1	17	25.2	2.28	3	0.03	0.04	27
1031443	418446	7085146	8N	0.05	0.9	8.1	3.8	0.5	90	0.1	0.08	0.05	8.7	20	16.1	1.87	3	0.01	0.03	14
1031444	418468	7085192	8N	0.05	0.95	8.6	2.6	0.5	88	0.2	0.1	0.1	7.3	20	20	2	3	0.03	0.03	16
1031445	418490	7085237	8N	0.05	0.86	8.5	8.7	0.5	88	0.2	0.09	0.1	6.4	16	21.2	2.05	3	0.03	0.03	18
1031446	418512	7085283	8N	0.05	0.82	7.8	14.8	0.5	81	0.2	0.1	0.05	6.5	17	20	1.96	3	0.02	0.03	17
1031447	418530	7085330	8N	0.05	1.04	8.3	28.4	0.5	122	0.2	0.09	0.1	9.6	20	25.1	2.37	3	0.04	0.04	24
1031448	418563	7085367	8N	0.05	1.08	8.5	11	0.5	97	0.2	0.1	0.1	9.4	20	17.6	2.15	3	0.03	0.04	15
1031449	418597	7085405	8N	0.05	0.77	9.6	3.8	0.5	95	0.1	0.11	0.1	8.4	15	21.1	1.86	2	0.01	0.03	15
1031450	418631	7085441	8N	0.05	0.96	9.4	3.1	0.5	93	0.2	0.1	0.2	13.6	22	31.3	2.53	3	0.02	0.03	23
1036044	419226	7082790	8N	0.05	1.22	12.9	1.6	1	75	0.2	0.07	0.1	6.4	20	17.9	2.34	4	0.03	0.03	16
1036045	419186	7082821	8N	0.05	1.35	13.5	1.1	0.5	51	0.2	0.06	0.2	7.1	21	19.4	2.49	3	0.04	0.03	15
1036046	419152	7082861	8N	0.05	0.92	11.8	19.8	2	72	0.2	0.18	0.3	14	18	27.7	2.48	3	0.02	0.03	20
1036047	419115	7082897	8N	0.2	1.37	20.1	12.5	0.5	119	0.4	0.05	0.1	9.5	20	37.9	2.98	4	0.05	0.03	24
1036048	419081	7082937	8N	0.1	0.99	28.1	1.7	1	72	0.5	0.09	0.2	12.9	17	34.4	3.1	3	0.03	0.04	35
1036049	419030	7082940	8N	0.1	1.01	83.4	5.3	0.5	64	0.4	0.06	0.3	10.7	18	26.1	2.61	3	0.02	0.04	27
1036575	408363	7085268	8N	0.3	0.7	35.7	4.6	2	61	0.5	0.52	1.1	13.7	17	55.5	4.46	2	0.07	0.08	21
1036576	408312	7085266	8N	0.4	0.6	34.4	20.9	2	47	0.6	0.37	0.5	13.9	18	65.2	5.03	2	0.07	0.07	22
1036577	408262	7085259	8N	0.2	0.94	16	19	1	75	0.2	0.36	0.7	13.9	23	40.8	3.17	3	0.04	0.1	30
1036578	408211	7085261	8N	0.1	0.94	14.4	1.5	0.5	43	0.3	0.04	0.05	15.5	36	39.3	3.8	3	0.01	0.05	58
1036579	408161	7085253	8N	0.1	1.32	11.5	3	0.5	30	0.4	0.12	0.05	21.8	29	52.8	4.47	3	0.03	0.04	63
1036580	408111	7085253	8N	0.2	0.57	12	3.3	2	58	0.3	0.3	0.3	13.4	15	37.9	3.21	2	0.07	0.09	53
1036581	408061	7085251	8N	0.5	0.43	6.9	1	0.5	32	0.3	0.11	0.3	11.5	9	32.2	2.88	2	0.02	0.05	50
1036582	408014	7085233	8N	0.2	0.46	18	3.2	2	53	0.3	0.31	0.3	15.1	12	42.3	3.46	1	0.05	0.07	39
1036583	407963	7085227	8N	0.4	0.51	20	5.6	2	53	0.3	0.35	0.6	12.5	10	45.6	3.06	1	0.06	0.08	41
1036584	407914	7085230	8N	0.6	0.9	19.6	2.3	1	48	0.4	0.14	0.9	15	17	43.3	3.93	3	0.02	0.08	43
1036585	407817	7085195	8N	0.6	1.17	53.8	6.3	4	51	0.4	0.42	2.8	34.4	24	61.4	4.28	3	0.03	0.13	48
1036586	407766	7085192	8N	0.2	0.96	16.9	9.4	3	47	0.4	0.56	1	18.4	22	55.9	4.49	3	0.03	0.09	25
1036587	407717	7085194	8N	0.5	0.67	19.8	13	3	66	0.3	0.73	0.4	17.8	13	59.6	4.11	2	0.08	0.1	23
1036588	407667	7085195	8N	0.2	1.34	32.8	1.8	2	80	0.5	0.28	0.4	24.6	26	48.1	4.26	4	0.02	0.1	45
1036589	407615	7085202	8N	0.3	0.82	13.6	1	6	177	0.3	1.51	1.9	22.3	15	51.2	3.16	2	0.05	0.09	17
1036590	407566	7085214	8N	0.4	0.81	22	5.3	2	60	0.5	0.48	0.8	25.7	10	54	4.29	2	0.05	0.14	47
1036591	407414	7085215	8N	0.3	1.25	40.4	2.6	1	74	0.2	0.32	0.4	16.8	29	42.6	4.01	4	0.02	0.14	25
1036592	407364	7085208	8N	0.5	1.13	43.3	14.5	5	69	0.5	0.45	0.7	34.2	29	59.5	5.69	3	0.03	0.11	14
1036593	407516	7085207	8N	0.4	1.27	27.9	198	3	44	0.3	0.48	0.7	32.7	26	77.1	5.44	3	0.04	0.23	17
1036594	407465	7085211	8N	0.2	1.23	20.6	3.2	2	101	0.2	0.29	0.3	18	29	52.2	4.14	4	0.03	0.13	33
1036595	407314	7085208	8N	0.6	1.09	31.8	7.4	7	103	0.5	0.8	0.7	29.2	24	58.1	5.38	3	0.01	0.12	35
1036596	407264	7085197	8N	0.3	1.06	16.8	2.7	1	177	0.2	0.21	0.1	10.5	21	25.7	2.6	4	0.02	0.09	29
1036597	404005	7084243	8N	0.1	1.43	15.7	4	3	97	0.3	0.08	0.3	10.3	22	17.1	2.77	5	0.04	0.07	11
1036598	404054	7084253	8N	0.2	1.25	20.9	4.4	2	70	0.4	0.05	0.05	5.4	22	13.8	2.59	4	0.03	0.06	18
1036599	404103	7084267	8N	0.1	1.33	13.6	4.1	2	75	0.3	0.08	0.1	7	24	13.1	3.13	5	0.06	0.06	13
1036600	404148	7084289	8N	0.05	1.15	11.2	4.5	2	79	0.3	0.13	0.4	10.6	19	17.9	2.55	3	0.03	0.06	14
1036601	405918	7082169	8N	0.1	1.32	12.6	5.1	0.5	126	0.2	0.1	0.2	11.7	22	29.4	2.76	4	0.03	0.04	21

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1031438	0.4	432	0.6	0.007	25.5	0.041	17	0.025	1.8	2.2	0.5	13	0.1	8.3	0.027	0.05	0.9	22	0.2	62
1031439	0.35	274	0.8	0.004	19.7	0.044	14.5	0.025	0.6	1.4	0.25	11	0.1	1.7	0.013	0.05	0.8	29	0.2	48
1031440	0.43	342	0.8	0.003	28.3	0.051	17	0.025	0.9	1.4	0.25	10	0.1	3.3	0.016	0.05	1.1	26	0.1	61
1031441	0.45	321	0.8	0.003	27.6	0.048	14.4	0.025	1.4	1.8	0.6	9	0.1	3	0.016	0.05	0.8	30	0.1	51
1031442	0.4	280	0.9	0.003	21.6	0.042	21.9	0.025	0.6	1.3	0.25	12	0.1	5.1	0.014	0.05	1.3	22	0.1	62
1031443	0.33	341	0.7	0.003	15.1	0.044	11.3	0.025	0.5	1	0.25	8	0.1	0.8	0.018	0.05	0.7	31	0.2	41
1031444	0.33	249	0.7	0.004	17.8	0.05	11.3	0.025	0.6	1.1	0.25	12	0.1	1.2	0.02	0.05	0.9	30	0.2	49
1031445	0.3	209	0.8	0.003	16	0.047	13.2	0.025	0.6	1	0.5	10	0.1	1.4	0.018	0.05	1	27	0.1	46
1031446	0.33	220	0.7	0.004	15.3	0.045	11	0.025	0.6	1.1	0.25	12	0.1	1.9	0.02	0.05	1	26	0.2	45
1031447	0.38	252	1.2	0.004	20.8	0.05	16.5	0.025	1.1	1.5	0.25	13	0.1	3.1	0.02	0.05	1.3	29	0.2	60
1031448	0.36	393	1	0.004	16.8	0.051	11.2	0.025	0.6	1.3	0.7	11	0.1	1.1	0.027	0.05	0.7	37	0.2	52
1031449	0.28	262	0.5	0.004	19.7	0.049	9.3	0.025	0.7	1.4	0.25	11	0.1	3.1	0.023	0.05	0.7	25	0.2	50
1031450	0.4	389	1	0.004	31.8	0.05	19.9	0.025	1.8	1.9	0.25	13	0.1	5.4	0.016	0.05	1.6	26	0.1	60
1036044	0.3	193	1	0.005	15.7	0.028	13.8	0.025	1	1.7	0.5	9	0.1	4.1	0.03	0.05	0.7	39	0.3	48
1036045	0.32	225	0.9	0.005	16.1	0.039	15.6	0.025	0.9	1.6	0.6	9	0.1	3.9	0.026	0.05	0.8	31	0.2	50
1036046	0.31	354	0.9	0.006	31.1	0.086	16.4	0.025	1.1	1.7	0.25	18	0.1	6	0.03	0.05	1.3	30	0.4	79
1036047	0.38	205	1	0.005	26.1	0.054	27	0.025	1.6	1.4	0.25	14	0.1	3.1	0.013	0.05	2.3	33	0.2	66
1036048	0.37	346	1.1	0.005	24.2	0.063	31	0.025	4.2	1.1	0.25	23	0.1	4.3	0.018	0.05	2.4	28	0.2	72
1036049	0.31	332	0.9	0.005	20.3	0.039	25	0.025	2.2	1.5	0.6	11	0.1	3	0.021	0.05	1.6	29	0.2	63
1036575	0.38	629	4	0.006	47	0.063	98.5	0.08	37.3	1.9	0.9	47	0.1	5.6	0.007	0.2	2.1	15	0.05	161
1036576	0.36	377	3.6	0.036	44.1	0.058	89.1	0.21	42.4	2	1.9	33	0.1	6.2	0.004	0.1	1.4	12	0.05	141
1036577	0.48	393	0.9	0.005	44.1	0.06	58.9	0.025	25	2.2	0.25	27	0.1	7	0.013	0.1	1.1	22	0.05	117
1036578	0.43	246	1.3	0.004	48.6	0.028	21.5	0.025	14.1	2.3	0.25	15	0.1	14.6	0.002	0.05	1.6	22	0.05	77
1036579	0.69	333	1.2	0.006	63.4	0.04	25.8	0.025	4.7	2.8	0.25	18	0.1	20.8	0.001	0.05	3.7	18	0.05	99
1036580	0.27	326	0.9	0.004	38.8	0.051	27.9	0.025	15.1	2.1	0.25	29	0.1	11	0.002	0.1	1.9	13	0.05	96
1036581	0.11	222	1.2	0.005	33.4	0.027	24.4	0.025	3.6	0.9	0.25	13	0.1	8.4	0.003	0.05	1.8	10	0.05	63
1036582	0.25	374	1.3	0.004	41.9	0.044	31	0.025	20.5	2	0.25	33	0.1	9.7	0.002	0.1	1.9	12	0.05	108
1036583	0.29	252	1.4	0.004	42	0.046	45.3	0.025	27.1	2.2	0.6	44	0.1	9.8	0.001	0.1	1.8	10	0.05	111
1036584	0.36	361	2.4	0.006	43.5	0.054	40.6	0.025	21.5	0.9	0.25	22	0.1	6.8	0.002	0.05	1.8	16	0.05	135
1036585	0.57	774	1.1	0.007	69.1	0.082	117.1	0.06	54.7	2	0.25	31	0.1	16.8	0.003	0.05	3	18	0.05	242
1036586	0.49	493	1.7	0.005	59.9	0.071	84.7	0.025	93.4	2.2	0.25	38	0.1	5.2	0.003	0.1	1.3	16	0.1	111
1036587	0.28	541	1.1	0.004	55.5	0.072	35	0.06	28	2.4	0.25	52	0.1	4.4	0.001	0.2	1.1	13	0.05	117
1036588	0.59	484	2.1	0.008	52.2	0.048	43.5	0.025	35.4	1.8	0.25	28	0.1	14	0.005	0.05	2.2	23	0.05	102
1036589	0.37	1692	2.1	0.012	43.8	0.078	44.3	0.15	15.5	1.3	0.6	78	0.1	2.8	0.008	0.05	1.1	15	0.05	108
1036590	0.31	1127	3.7	0.004	63	0.054	51.5	0.05	24.9	1.7	0.5	32	0.1	11.9	0.003	0.1	2	12	0.05	116
1036591	0.69	527	1	0.004	47.2	0.06	36.7	0.025	116.3	2	0.25	27	0.1	4.8	0.009	0.1	0.8	27	0.05	97
1036592	0.53	912	1.7	0.004	86.1	0.054	132.6	0.025	79.9	3.2	0.25	42	0.2	3.4	0.006	0.1	1.1	23	0.05	170
1036593	0.7	1145	1.5	0.005	85.2	0.071	31.9	0.05	21.9	2.9	0.5	42	0.1	2.9	0.009	0.2	1.3	20	0.05	143
1036594	0.62	717	1.1	0.005	54.2	0.064	31.8	0.025	12.5	2.7	0.25	28	0.1	7	0.01	0.2	1.1	25	0.05	96
1036595	0.53	904	1.2	0.005	71.7	0.074	47.3	0.025	39.2	2.6	0.8	62	0.1	8.2	0.006	0.05	2	21	0.05	135
1036596	0.39	538	1.1	0.005	25.5	0.051	20	0.025	12	1.6	0.25	20	0.1	4.2	0.013	0.05	1.3	32	0.1	64
1036597	0.31	330	1.2	0.006	22	0.027	14	0.08	2.4	1.2	0.25	9	0.1	4.5	0.027	0.1	0.6	44	0.2	56
1036598	0.23	205	1.1	0.004	12.2	0.022	31.4	0.11	7.5	1.1	0.25	6	0.1	5.5	0.017	0.1	0.7	45	0.2	43
1036599	0.24	308	1.2	0.005	17	0.033	16	0.08	2.8	1.1	0.25	8	0.1	4.3	0.023	0.1	0.7	53	0.2	47
1036600	0.32	384	0.9	0.005	19.1	0.055	21.4	0.06	3.5	0.9	0.25	10	0.1	2.3	0.02	0.1	0.9	31	0.2	73
1036601	0.41	369	1	0.005	26.7	0.059	21.9	0.025	3.7	2.2	0.25	10	0.1	4	0.018	0.05	1.7	35	0.2	74

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1036602	405944	7082213	8N	0.05	1.51	11.7	1.7	0.5	116	0.2	0.08	0.1	8.4	27	22.7	2.68	5	0.02	0.04	17
1036603	405972	7082256	8N	0.05	1.26	10.1	2.1	0.5	130	0.2	0.09	0.1	7.9	23	20.6	2.26	4	0.04	0.04	19
1036604	405997	7082302	8N	0.05	1.1	8.9	2.1	0.5	163	0.2	0.12	0.2	9.2	19	25.6	2.21	3	0.03	0.04	21
1036605	406020	7082348	8N	0.05	0.94	10.9	3.3	0.5	142	0.2	0.13	0.3	9.5	18	30.5	2.1	3	0.03	0.04	16
1036606	406050	7082390	8N	0.05	1.25	12.6	2.2	0.5	143	0.2	0.1	0.05	7.8	22	20.5	2.23	4	0.03	0.04	17
1036607	406073	7082435	8N	0.05	1.18	31.9	13.5	0.5	199	0.3	0.11	0.2	13	20	35.1	2.73	3	0.03	0.04	25
1036608	406099	7082478	8N	0.05	1.13	8.6	6.7	0.5	131	0.3	0.09	0.1	5.9	19	26.2	2.39	4	0.02	0.03	28
1036609	406123	7082522	8N	0.05	1.36	9.2	1.8	0.5	140	0.2	0.1	0.2	8.3	23	26.4	2.5	4	0.04	0.04	26
1036610	406140	7082570	8N	0.05	1.13	11.4	2	1	292	0.2	0.15	0.2	9.8	21	31.2	2.53	3	0.04	0.04	21
1036611	406161	7082617	8N	0.05	1.19	12	25.6	0.5	137	0.2	0.09	0.2	10.3	20	27.9	2.46	4	0.03	0.03	19
1036612	406179	7082664	8N	0.05	1.49	10.9	1.6	1	96	0.3	0.1	0.1	8.7	26	20.2	2.73	5	0.03	0.04	20
1036613	406199	7082710	8N	0.1	1.2	11.2	2.3	2	349	0.2	0.17	0.3	11	20	29.9	2.45	4	0.03	0.04	19
1036614	406217	7082757	8N	0.05	1.32	12	2.3	0.5	236	0.2	0.09	0.2	10.3	20	27.9	2.48	4	0.04	0.03	23
1036615	406238	7082804	8N	0.1	1.2	39.8	5.9	0.5	173	0.3	0.09	0.1	7.3	19	26	2.38	4	0.03	0.03	25
1036616	406254	7082853	8N	0.05	0.96	13.3	2.9	0.5	275	0.3	0.11	0.3	6.8	15	34.7	2.81	3	0.02	0.03	28
1036617	406262	7082902	8N	0.05	1.03	19.9	4.6	1	128	0.2	0.11	0.3	10.8	17	21.4	2.27	3	0.01	0.03	19
1036618	406271	7082954	8N	0.05	1.02	12.2	2.2	0.5	109	0.2	0.11	0.3	11.9	24	21.5	2.3	3	0.04	0.04	19
1036619	406279	7083005	8N	0.05	1.31	10.8	3.5	1	148	0.2	0.1	0.1	7	21	18.9	2.32	4	0.03	0.03	19
1036620	406286	7083055	8N	0.05	1.28	9.9	1.5	0.5	139	0.2	0.07	0.1	8.8	20	25	2.72	4	0.02	0.03	28
1036621	406295	7083104	8N	0.1	1.32	11.7	2.7	2	297	0.2	0.14	0.3	13.9	21	29.8	2.79	4	0.03	0.03	26
1036623	406306	7083155	8N	0.1	1.08	10.6	3.5	0.5	280	0.2	0.14	0.2	7	20	21.3	2.15	3	0.01	0.03	21
1036624	406312	7083206	8N	0.05	1.27	10.8	2.4	0.5	186	0.2	0.12	0.1	8.6	22	22.6	2.5	4	0.04	0.03	21
1036625	406317	7083258	8N	0.05	1.1	8.2	2.5	0.5	188	0.2	0.11	0.3	9	18	24.8	2.29	3	0.005	0.04	28
1036626	406326	7083309	8N	0.05	1.09	7.9	7.2	1	185	0.2	0.11	0.1	7.3	19	23.2	2.03	3	0.02	0.04	26
1036627	406335	7083360	8N	0.05	1.14	8.5	6.6	2	202	0.1	0.15	0.2	7.8	20	24.9	2.01	3	0.02	0.04	20
1036628	406342	7083413	8N	0.1	1.13	8.3	3.8	2	292	0.1	0.22	0.2	9.3	22	26.4	1.94	3	0.02	0.04	19
1036629	406347	7083464	8N	0.05	1.01	11.3	7	0.5	316	0.2	0.17	0.1	8	21	25.8	2.11	3	0.04	0.04	17
1036630	406353	7083516	8N	0.05	1.14	8.8	5.1	0.5	124	0.2	0.11	0.05	5.8	24	17.2	2	4	0.04	0.03	16
1036631	406358	7083568	8N	0.05	1	10.4	5	1	195	0.2	0.17	0.1	8.3	19	25.2	1.95	3	0.02	0.05	18
1036633	406364	7083618	8N	0.05	1.29	11.2	4	0.5	172	0.2	0.15	0.2	9.1	23	25.2	2.37	4	0.02	0.06	21
1036634	405725	7081860	8N	0.05	2.48	6.9	0.25	3	361	0.2	0.43	0.2	16.6	71	25.7	3.46	8	0.03	0.27	16
1036635	405747	7081906	8N	0.05	1.24	12.7	2.9	2	87	0.3	0.11	0.2	8.5	23	28.3	2.52	4	0.04	0.04	29
1036636	405766	7081952	8N	0.05	1.17	42.1	5.5	2	73	0.2	0.06	0.05	7.1	20	21.2	2.28	4	0.04	0.04	32
1036637	405792	7081995	8N	0.05	1.51	12.8	2.3	3	96	0.2	0.07	0.05	8.2	23	22.1	2.77	4	0.06	0.04	29
1036638	405819	7082037	8N	0.1	1.24	14.8	1.9	1	99	0.3	0.05	0.1	6.3	19	33.6	3.07	4	0.04	0.04	41
1036639	405841	7082081	8N	0.05	1.45	9.7	1.4	2	71	0.2	0.06	0.1	6.1	21	17.2	2.8	4	0.05	0.03	27
1036640	405876	7082118	8N	0.05	1.25	12.5	3	2	80	0.2	0.08	0.1	8.8	22	22.2	2.75	4	0.05	0.04	22
1036773	404190	7084315	8N	0.1	1.09	23.7	7	2	84	0.3	0.08	0.3	6.1	21	20.6	2.46	4	0.03	0.08	16
1036774	404222	7084353	8N	0.05	0.94	6.3	2.5	1	42	0.3	0.05	0.05	2.4	16	6.8	1.82	6	0.04	0.04	12
1036775	404266	7084380	8N	0.2	0.99	28.7	6.4	2	90	0.2	0.13	0.2	7.2	22	19.3	2.06	3	0.03	0.04	14
1036776	404311	7084401	8N	0.05	1.15	15.4	5.3	1	75	0.2	0.12	0.2	4.8	22	11.6	1.88	4	0.02	0.05	15
1036777	404343	7084440	8N	0.05	1.24	14.8	3.6	1	77	0.2	0.13	0.2	6.1	22	16.6	2.02	4	0.03	0.05	17
1036778	404381	7084473	8N	0.05	1.21	10.2	0.8	1	81	0.3	0.11	0.2	4.4	21	14	1.8	4	0.04	0.05	18
1036779	404427	7084495	8N	0.1	1.2	11	5.5	1	277	0.2	0.17	0.2	10.3	22	26	2.28	3	0.03	0.04	17
1036780	403905	7084226	8N	0.2	0.96	164.6	15	0.5	86	0.4	0.07	0.2	6.2	19	20.6	2	3	0.03	0.07	36
1036781	403954	7084235	8N	0.2	0.75	78.3	6	0.5	67	0.3	0.04	0.05	3.1	13	16.4	2.03	2	0.02	0.05	45

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1036602	0.47	216	0.9	0.006	20.8	0.043	17.5	0.025	2.2	2.3	0.25	10	0.1	2.8	0.037	0.05	1.4	44	0.2	58
1036603	0.38	266	0.8	0.005	17.3	0.054	13.4	0.025	1.9	2	0.25	10	0.1	2	0.03	0.05	1.2	36	0.2	56
1036604	0.39	309	0.6	0.005	19.8	0.048	12.5	0.025	1.9	2.5	0.25	13	0.1	5.7	0.036	0.05	1	31	0.2	63
1036605	0.35	364	0.5	0.005	23.2	0.057	10.6	0.025	1.2	2.9	0.6	12	0.1	5	0.035	0.05	1	30	0.2	59
1036606	0.38	240	0.7	0.005	17.6	0.052	11.7	0.025	2.2	1.9	0.25	10	0.1	1.6	0.026	0.05	1	34	0.1	54
1036607	0.4	383	1.1	0.006	25.2	0.053	53	0.025	20	2.7	0.25	12	0.1	5.9	0.032	0.05	2	32	0.1	72
1036608	0.4	218	0.8	0.004	17	0.049	13.9	0.025	2.2	1.8	0.25	12	0.1	4	0.024	0.05	1.3	29	0.1	56
1036609	0.45	312	0.9	0.005	19.6	0.051	15.3	0.025	1.9	1.9	0.6	11	0.1	2.8	0.029	0.05	1.5	33	0.1	62
1036610	0.42	314	0.8	0.005	23.2	0.063	14.6	0.025	1.9	2.8	0.25	16	0.1	5.7	0.032	0.05	1.3	34	0.2	68
1036611	0.4	314	0.8	0.004	22.3	0.054	14.3	0.025	2.2	2.3	0.25	9	0.1	4.2	0.026	0.05	1.4	34	0.2	62
1036612	0.46	269	0.9	0.005	18	0.06	22.2	0.025	2.6	1.9	0.25	10	0.1	2.7	0.029	0.1	1.2	40	0.1	72
1036613	0.38	358	1	0.006	23.3	0.069	13.2	0.025	2.3	3.2	0.6	17	0.1	4.9	0.038	0.05	2.6	36	0.2	76
1036614	0.35	314	0.9	0.004	19	0.044	16	0.025	3.8	2.9	0.25	11	0.1	5.3	0.033	0.05	1.5	32	0.2	64
1036615	0.39	212	0.7	0.004	15.5	0.046	38.4	0.025	9.9	2.1	0.25	12	0.1	3.7	0.02	0.1	1.6	31	0.1	58
1036616	0.29	224	0.9	0.004	17.9	0.048	24.8	0.025	4.6	2	0.25	14	0.1	8.8	0.015	0.05	1.7	22	0.1	63
1036617	0.35	368	0.7	0.004	19.6	0.061	24.1	0.025	5.1	1.9	0.25	11	0.1	6.6	0.028	0.05	1.1	27	0.2	73
1036618	0.39	399	0.7	0.004	26.8	0.05	22.6	0.025	3.9	2.8	0.5	10	0.1	6.3	0.031	0.05	1	29	0.2	68
1036619	0.45	233	0.8	0.004	16.8	0.049	15.1	0.025	2	1.8	0.25	10	0.1	2.6	0.025	0.05	1	34	0.2	55
1036620	0.38	225	0.8	0.004	17.5	0.038	21.6	0.025	3.1	1.9	0.25	9	0.1	5	0.018	0.05	1.3	28	0.2	61
1036621	0.39	257	0.8	0.005	24.9	0.051	22.4	0.025	2.7	3.4	0.6	16	0.1	9	0.035	0.05	1.5	33	0.2	77
1036623	0.35	250	0.8	0.005	16.3	0.042	14.4	0.025	2.3	2	0.25	14	0.1	4.3	0.03	0.05	1.3	30	0.1	53
1036624	0.44	242	0.7	0.005	16.7	0.055	15.7	0.025	3.3	2.2	0.25	14	0.1	3.2	0.025	0.05	1.3	35	0.1	55
1036625	0.41	238	1	0.005	21.9	0.038	19.1	0.025	6.3	2.3	0.7	16	0.1	8.4	0.031	0.05	1.4	27	0.1	63
1036626	0.36	217	0.8	0.005	17.9	0.034	16.9	0.025	3.8	2	0.25	14	0.1	4.9	0.028	0.05	1.5	33	0.2	52
1036627	0.41	258	0.6	0.006	21.2	0.053	11.8	0.025	1.6	2.4	0.25	16	0.1	3.1	0.029	0.05	1.2	38	0.2	55
1036628	0.43	325	0.6	0.007	22.7	0.066	10.9	0.025	1.3	3	1.1	21	0.1	4.8	0.043	0.05	1.6	42	0.2	62
1036629	0.38	314	0.7	0.006	19.6	0.065	10	0.025	1.1	2.6	0.25	17	0.1	3.9	0.038	0.05	1.2	33	0.2	61
1036630	0.36	152	0.6	0.005	14.8	0.046	10.8	0.025	1.2	1.5	0.25	11	0.1	1.1	0.029	0.1	0.9	33	0.2	43
1036631	0.36	280	0.8	0.005	20.9	0.059	17.1	0.025	1.4	2.8	0.9	16	0.1	5	0.035	0.05	1.3	35	0.2	60
1036633	0.47	262	0.9	0.005	22.4	0.053	14.3	0.025	1.7	2.8	0.25	14	0.1	4.4	0.036	0.05	1.2	36	0.3	67
1036634	1.44	632	0.6	0.009	28.2	0.138	41.9	0.025	5.8	4.6	0.5	36	0.1	4.8	0.17	0.4	0.7	82	0.1	90
1036635	0.44	273	1	0.004	21.3	0.05	23.9	0.025	7.8	1.7	0.25	11	0.1	6.3	0.023	0.05	1	32	0.2	61
1036636	0.32	161	0.8	0.004	15.5	0.038	22.5	0.025	7	1.1	0.25	7	0.1	2.4	0.015	0.1	1.2	27	0.1	46
1036637	0.38	184	0.9	0.005	15.7	0.045	16.8	0.025	2.6	1.7	0.8	8	0.1	2.7	0.02	0.1	1.3	37	0.1	49
1036638	0.39	164	0.7	0.004	16.9	0.035	29.3	0.025	4.5	1.9	0.8	8	0.1	9.6	0.018	0.05	1.7	27	0.05	59
1036639	0.38	170	0.7	0.004	13.8	0.039	15.5	0.025	2.4	1.5	0.25	7	0.1	6.2	0.015	0.05	0.8	32	0.1	47
1036640	0.39	276	1	0.004	20.2	0.054	15.7	0.025	3.4	1.2	0.25	10	0.1	1.2	0.015	0.1	1	34	0.1	56
1036773	0.23	210	1.5	0.006	17.1	0.051	35	0.08	7.5	0.5	0.25	11	0.1	0.8	0.015	0.2	1	39	0.1	65
1036774	0.14	94	1.1	0.005	6	0.027	14	0.025	1.2	0.6	0.25	6	0.1	2	0.031	0.1	0.5	52	0.1	23
1036775	0.34	285	0.6	0.005	19.3	0.047	16.8	0.025	5.5	1.2	0.25	10	0.1	3.5	0.024	0.1	0.8	30	0.2	54
1036776	0.31	164	0.8	0.005	12.2	0.05	18.4	0.025	4.4	0.5	0.25	9	0.1	0.4	0.016	0.1	0.7	33	0.1	48
1036777	0.36	184	0.6	0.004	16.6	0.048	20.3	0.025	5.9	1	0.25	10	0.1	2.9	0.022	0.1	0.8	31	0.2	55
1036778	0.3	135	0.6	0.006	12.5	0.051	26.1	0.025	4.4	1.2	0.25	13	0.1	0.5	0.022	0.1	0.8	34	0.1	47
1036779	0.39	417	0.7	0.006	21.8	0.05	19.2	0.025	3.1	1.8	0.25	15	0.1	5.1	0.039	0.05	1	38	0.1	66
1036780	0.26	129	0.7	0.004	16.6	0.038	57.9	0.025	12.8	1.4	0.25	13	0.1	5.3	0.012	0.2	1.9	23	0.05	52
1036781	0.21	83	0.7	0.003	9.1	0.027	39.5	0.025	8.1	1.3	0.25	11	0.1	8	0.011	0.1	1.3	18	0.05	41

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1036783	404943	7082670	8N	0.05	1.23	11.5	7.1	0.5	73	0.3	0.1	0.05	6.3	22	17.1	2.31	4	0.05	0.04	22
1036784	404910	7082708	8N	0.05	1.25	11.7	2	0.5	100	0.3	0.1	0.2	9.2	22	23.1	2.63	4	0.03	0.04	24
1036785	404880	7082749	8N	0.05	0.83	9.6	2.2	0.5	48	0.2	0.07	0.05	4.5	17	14.1	1.79	3	0.04	0.03	21
1036786	404868	7082798	8N	0.05	1.2	11.1	2.7	0.5	77	0.3	0.1	0.05	5	22	15.9	2.22	4	0.04	0.04	16
1036787	404854	7082849	8N	0.05	1	11	4.3	0.5	140	0.1	0.15	0.2	7.3	22	22.3	2.17	3	0.04	0.04	16
1036788	404835	7082898	8N	0.1	1.34	10.1	3.8	0.5	95	0.2	0.14	0.1	9.1	23	20.8	2.51	4	0.02	0.04	19
1036789	404804	7082943	8N	0.1	1.25	11.4	2.1	0.5	179	0.3	0.1	0.05	10.3	24	34.1	2.74	4	0.05	0.04	24
1036790	404782	7082992	8N	0.05	1.1	9.6	4.4	1	121	0.2	0.12	0.05	5.6	20	15.2	1.89	4	0.04	0.04	16
1036791	404768	7083042	8N	0.05	0.79	12.2	1.4	0.5	120	0.2	0.17	0.4	7.2	17	22.4	2.02	2	0.03	0.04	18
1036792	404745	7083090	8N	0.05	0.93	12.9	2.8	0.5	75	0.2	0.12	0.2	5.5	22	15.3	2.2	3	0.04	0.04	17
1036793	404724	7083138	8N	0.1	1.05	11.4	4.8	0.5	89	0.3	0.09	0.2	8.5	20	23.7	2.5	4	0.04	0.03	26
1036794	404702	7083184	8N	0.05	1.09	13.6	2.3	0.5	96	0.3	0.13	0.3	10.7	25	27.4	2.72	3	0.03	0.03	25
1036796	404670	7083218	8N	0.05	1.03	11.1	5.3	1	76	0.3	0.11	0.2	5.4	22	16	2.14	3	0.05	0.03	18
1036823	409697	7088736	8N	0.2	1.91	15.5	7.4	2	180	0.4	0.81	0.4	9.1	28	16.8	2.1	6	0.04	0.06	12
1036824	409698	7088687	8N	0.1	1.19	10.9	6.5	2	258	0.3	1.75	0.2	6.6	19	13.3	1.48	4	0.07	0.04	8
1036826	409696	7088586	8N	0.3	1.94	16.5	11.7	3	250	0.4	1.36	0.6	9.4	27	30.5	2.1	6	0.05	0.11	12
1036827	409699	7088537	8N	0.2	1.73	15.2	4.4	1	241	0.2	0.73	0.3	7.9	35	26.1	1.97	5	0.02	0.1	12
1036828	409695	7088486	8N	0.2	1.3	27	2	2	178	0.4	0.4	0.5	6.6	19	18	1.58	4	0.02	0.04	10
1036829	409697	7088435	8N	0.2	1.56	12.2	5.2	0.5	167	0.3	0.9	0.3	9	22	23.6	1.76	5	0.04	0.07	11
1036830	409698	7088384	8N	0.2	1.64	28.8	5.7	2	204	0.3	0.96	0.4	9.3	23	23.5	2.08	5	0.05	0.06	13
1036831	409700	7088337	8N	0.1	1.51	9.8	10	4	183	0.2	0.87	0.3	8.8	22	17.3	1.98	4	0.04	0.05	12
1036832	409698	7088287	8N	0.4	1.22	58.9	7.9	2	140	1.9	1.24	0.3	6.9	17	36.5	1.55	4	0.06	0.03	11
1036833	409699	7088235	8N	0.1	1.44	27.8	5.4	3	198	0.3	1.61	0.3	7.8	18	25	1.54	4	0.04	0.03	10
1036834	409700	7088186	8N	0.1	0.69	23.1	5.2	13	147	0.8	3.61	0.6	3.8	9	28.3	0.74	2	0.07	0.04	6
1036835	409694	7088135	8N	0.3	1.57	45.6	7.3	5	235	0.7	2.37	0.4	9.9	23	58.8	1.93	5	0.05	0.06	16
1036837	409700	7088037	8N	0.3	1.69	23.9	5.8	5	197	0.5	2.71	0.4	10.9	25	67.6	1.73	5	0.06	0.05	11
1036838	409696	7087937	8N	0.2	1.15	71.5	8.8	0.5	199	0.7	0.3	0.3	10.1	26	22.8	2.02	4	0.03	0.06	18
1036839	409695	7087887	8N	0.2	1.17	17.9	2.9	2	227	0.3	0.68	0.5	7.6	24	29.9	1.78	4	0.04	0.04	17
1036840	409695	7087836	8N	0.2	1.6	18.3	6.9	2	268	0.4	1	0.8	8.8	30	67.2	2.06	5	0.04	0.1	18
1036841	409696	7087787	8N	0.1	1.37	21.5	17.4	0.5	221	0.4	0.64	0.2	8.7	26	23.4	2.05	4	0.06	0.06	19
1036842	409693	7087737	8N	0.1	1.29	24.1	6.7	3	194	0.5	0.74	0.3	7.7	28	25.2	1.97	4	0.03	0.08	22
1036844	409698	7087636	8N	0.1	1.38	45.7	8.5	3	287	0.6	1.42	0.6	9.4	24	33.4	1.75	4	0.04	0.06	15
1036845	409698	7087587	8N	0.1	1.7	18.1	3.2	2	220	0.4	0.83	0.4	10.8	25	28.1	2.39	5	0.02	0.06	17
1036846	409694	7087535	8N	0.1	1.5	23.4	3.4	3	209	0.3	1.2	0.4	10.5	25	27.1	2.61	4	0.04	0.08	17
1036848	409697	7087436	8N	0.1	1.97	93.5	1.7	0.5	275	3	0.29	0.2	7.5	28	26.4	2.44	6	0.03	0.08	11
1036849	409701	7087386	8N	0.05	1.2	13.5	3.1	0.5	86	0.5	0.07	0.1	6	22	13.8	2.11	4	0.04	0.05	9
1036850	409701	7087337	8N	0.05	1.08	12.9	5.3	0.5	75	0.4	0.09	0.05	4.7	19	10.1	1.85	4	0.05	0.04	8
1037251	418826	7089077	8N	0.05	1.19	4.3	4.1	0.5	134	0.3	0.06	0.2	15.2	14	45.7	3.04	2	0.04	0.05	53
1037252	418881	7089071	8N	0.05	1.52	10.6	1.9	0.5	90	0.3	0.05	0.1	5.7	22	14.1	2.85	4	0.03	0.03	21
1037253	418935	7089073	8N	0.05	0.7	14.5	3.9	2	40	0.1	0.03	0.1	10.1	10	17.2	3.02	2	0.005	0.04	34
1037254	418988	7089060	8N	0.05	1.24	12.4	2.8	1	100	0.2	0.05	0.05	6.3	20	15	2.26	4	0.02	0.03	14
1037255	419033	7089034	8N	0.05	1.05	12.9	1.9	0.5	122	0.2	0.04	0.05	6.2	17	13.4	2.59	4	0.01	0.03	17
1037256	419083	7089014	8N	0.05	1.66	16.7	2.7	0.5	130	0.2	0.08	0.2	12.7	24	23.8	2.95	4	0.02	0.05	21
1037257	419136	7089007	8N	0.05	1.84	15.5	1.4	0.5	168	0.2	0.06	0.1	9.3	26	20	2.72	4	0.02	0.03	16
1037258	419182	7088985	8N	0.05	1.34	12.8	3.1	3	109	0.2	0.04	0.2	7.4	22	18.9	2.24	3	0.02	0.03	11
1037259	419229	7088962	8N	0.05	1.65	13.6	2.1	1	140	0.2	0.07	0.2	8.1	24	14.8	2.53	4	0.03	0.04	13

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1036783	0.31	232	1.1	0.005	17	0.051	17.9	0.025	1.5	1.2	0.25	12	0.1	1.4	0.028	0.05	1.2	38	0.1	51
1036784	0.37	309	1	0.006	20.6	0.06	17.7	0.025	1.2	2	0.25	12	0.1	5.1	0.036	0.05	1.5	37	0.2	60
1036785	0.29	142	0.8	0.004	12.7	0.046	13.2	0.025	1.1	0.6	0.25	8	0.1	0.7	0.016	0.05	1	28	0.1	40
1036786	0.36	175	0.9	0.007	13.6	0.053	14.1	0.025	1	1.3	0.25	12	0.1	1.1	0.031	0.1	1.1	40	0.2	47
1036787	0.35	278	0.9	0.006	20.4	0.055	10.7	0.025	0.8	1.3	0.25	12	0.1	4.1	0.033	0.05	0.8	37	0.2	58
1036788	0.38	280	0.9	0.006	19.1	0.064	12.7	0.025	1.1	1.3	0.6	11	0.1	3.5	0.023	0.05	1	38	0.2	59
1036789	0.43	359	0.9	0.006	19.8	0.054	17.9	0.025	1.1	2.4	0.25	13	0.1	6.1	0.033	0.05	1.5	34	0.2	61
1036790	0.33	163	0.8	0.005	14.9	0.042	9	0.025	0.7	1.1	0.25	11	0.1	1.8	0.029	0.05	0.7	36	0.2	44
1036791	0.31	275	0.7	0.006	20	0.071	10.6	0.025	1.5	1.8	0.25	16	0.1	4.6	0.037	0.05	0.9	29	0.3	55
1036792	0.32	221	1.1	0.006	15.6	0.061	14.9	0.025	1.2	1.2	0.25	12	0.1	1.9	0.031	0.05	0.9	38	0.3	53
1036793	0.33	258	1.3	0.006	22.5	0.059	22.9	0.025	1.2	0.9	0.25	13	0.1	2	0.021	0.05	1.6	29	0.2	56
1036794	0.39	311	0.9	0.006	28.6	0.067	15.8	0.025	2.3	1.8	0.25	13	0.1	6	0.031	0.05	1.6	33	0.3	72
1036796	0.31	228	0.9	0.006	14.2	0.061	16.6	0.025	1.4	0.9	0.25	12	0.1	1	0.026	0.05	1.2	35	0.3	51
1036823	0.51	280	0.7	0.086	22.8	0.047	18.6	0.025	1.2	2.6	0.25	56	0.1	4.7	0.047	0.1	0.7	39	0.9	68
1036824	0.33	304	0.7	0.052	16.3	0.057	10.1	0.11	0.8	1.4	0.9	61	0.1	1.5	0.022	0.1	0.5	26	0.4	41
1036826	0.68	273	1	0.092	23.9	0.07	11.6	0.025	1.3	2.7	0.7	76	0.1	3.4	0.042	0.2	1	45	0.4	69
1036827	0.67	252	0.9	0.059	23	0.085	9.4	0.025	1.1	2.6	0.25	52	0.1	3.6	0.055	0.2	1	50	0.4	63
1036828	0.4	259	0.4	0.019	16.5	0.079	13.3	0.025	1.3	1.7	0.25	31	0.1	2.5	0.019	0.05	0.8	29	0.4	66
1036829	0.55	289	0.5	0.068	18.9	0.076	10.3	0.025	1.6	1.8	1	62	0.1	2.5	0.031	0.1	0.9	27	0.6	51
1036830	0.58	399	0.6	0.043	20	0.072	10.1	0.06	1.9	1.9	0.25	58	0.1	1.9	0.029	0.2	0.9	29	0.3	51
1036831	0.49	362	0.4	0.065	20	0.073	10.3	0.025	1.1	2.1	0.25	60	0.1	2.4	0.031	0.1	0.7	29	0.5	49
1036832	0.35	264	0.4	0.055	16.5	0.051	10.2	0.08	1.1	1.3	0.25	63	0.1	1.4	0.019	0.05	0.7	22	1	43
1036833	0.4	317	0.4	0.047	17.2	0.052	9.8	0.08	1.2	1.5	0.25	70	0.1	1.3	0.018	0.05	0.9	23	0.3	45
1036834	0.3	259	0.5	0.021	8.4	0.076	5.9	0.22	1.3	0.7	0.25	89	0.1	0.6	0.009	0.05	0.6	8	0.2	37
1036835	0.75	327	0.6	0.044	20.8	0.061	12.4	0.13	4.2	2.1	1	88	0.1	1.6	0.028	0.2	1.7	32	0.3	55
1036837	0.92	499	0.5	0.048	23.3	0.069	9.3	0.18	3.3	2.2	1.7	95	0.1	1.8	0.046	0.2	4	34	0.1	81
1036838	0.42	421	1.4	0.01	17.3	0.073	11.4	0.06	2.8	2.1	0.25	24	0.1	2.4	0.04	0.2	2.7	42	0.9	59
1036839	0.46	290	1.3	0.012	21.3	0.07	8.2	0.05	1.3	2.2	0.25	32	0.1	2.6	0.037	0.2	5.8	40	0.4	71
1036840	0.72	242	0.9	0.029	26.1	0.083	11.4	0.1	1.6	3.3	1.1	57	0.1	4.4	0.071	0.2	3.7	47	0.3	73
1036841	0.48	284	0.4	0.028	20.8	0.077	9.6	0.025	1.2	2.6	0.25	49	0.1	5.1	0.045	0.1	1.2	36	0.8	58
1036842	0.51	239	0.5	0.031	21.9	0.092	8.8	0.025	1.4	2.9	0.25	53	0.1	7.5	0.064	0.2	1.2	41	1.5	61
1036844	0.47	1347	0.4	0.052	22.9	0.075	10.6	0.14	2.3	2.5	0.25	85	0.1	4.5	0.046	0.1	1.4	33	0.9	51
1036845	0.49	167	0.6	0.051	25.2	0.054	10.6	0.06	3.1	2.7	0.25	62	0.1	5.7	0.05	0.1	1.3	41	0.4	51
1036846	0.49	278	0.8	0.065	25	0.076	9.8	0.06	1.8	2.5	0.25	90	0.1	4.1	0.05	0.1	0.8	39	0.5	62
1036848	0.67	314	0.7	0.006	21.4	0.072	10.6	0.05	2.3	3.2	0.25	27	0.1	2.3	0.063	0.2	0.9	59	0.2	65
1036849	0.34	242	0.9	0.004	14.3	0.041	8.7	0.025	1.3	1.5	0.25	7	0.1	1.2	0.029	0.1	0.7	34	0.3	55
1036850	0.31	193	0.8	0.004	10.9	0.046	8.6	0.025	1.1	1.1	0.25	8	0.1	0.9	0.025	0.1	0.5	30	0.3	45
1037251	0.26	760	0.6	0.003	34	0.022	19.6	0.025	0.3	2.7	0.25	6	0.1	13.5	0.006	0.05	1.7	15	0.1	72
1037252	0.39	201	0.8	0.003	11.7	0.022	15.3	0.025	0.5	1.5	0.25	7	0.1	5.8	0.02	0.05	0.6	39	0.1	51
1037253	0.1	116	0.5	0.002	22.8	0.027	19.9	0.025	0.4	1.1	0.25	5	0.1	12.7	0.006	0.05	1.2	16	0.05	59
1037254	0.32	152	0.9	0.003	16.7	0.015	12	0.025	0.7	1.7	0.25	6	0.1	5.1	0.02	0.05	0.5	38	0.1	48
1037255	0.29	247	0.8	0.002	10.5	0.025	11.1	0.025	0.6	1.2	0.25	7	0.1	5	0.023	0.05	0.6	34	0.2	41
1037256	0.44	390	0.8	0.004	29.4	0.032	20.9	0.025	1	1.6	0.25	8	0.1	7	0.017	0.05	0.9	36	0.1	76
1037257	0.41	193	1.1	0.004	23.6	0.019	13.4	0.025	0.6	2	0.25	5	0.1	6.2	0.02	0.05	0.5	40	0.2	61
1037258	0.31	181	0.9	0.003	19.7	0.014	11.5	0.025	0.7	1.6	0.25	5	0.1	5.2	0.022	0.05	0.7	35	0.2	49
1037259	0.41	245	1	0.005	19.8	0.024	15.3	0.025	0.7	2.1	0.25	8	0.1	5	0.028	0.05	0.6	45	0.1	57

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1037260	419279	7088943	8N	0.1	1.9	11.8	5.3	0.5	208	0.2	0.1	0.2	11.6	27	13.9	2.81	5	0.02	0.04	16
1037261	419326	7088921	8N	0.05	1.15	16.1	2.1	0.5	94	0.3	0.03	0.2	17.1	17	27.4	2.91	4	0.02	0.03	26
1037262	419374	7088902	8N	0.1	1.72	11.1	0.7	0.5	121	0.2	0.06	0.1	8.7	23	14.3	2.45	4	0.03	0.03	12
1037263	419425	7088889	8N	0.05	1.65	12.9	2.5	1	126	0.2	0.06	0.2	8.3	26	14.5	2.36	4	0.05	0.04	12
1037264	419472	7088867	8N	0.05	1.33	13.1	3	1	64	0.1	0.08	0.2	8.3	21	14.2	2.36	3	0.02	0.03	12
1037265	419525	7088869	8N	0.1	2.02	12	4.5	1	121	0.3	0.06	0.2	6.7	28	11.3	2.84	6	0.03	0.03	13
1037266	419577	7088864	8N	0.05	2.09	13.7	2.2	1	147	0.3	0.06	0.3	10.8	32	15.4	3.07	6	0.03	0.04	13
1037267	419632	7088870	8N	0.05	1.31	11	1.7	0.5	92	0.2	0.07	0.05	5.5	24	12	2.36	4	0.03	0.03	13
1037268	419685	7088888	8N	0.05	1.95	12.9	2.1	0.5	116	0.3	0.07	0.3	7.2	28	19.8	3	6	0.02	0.03	16
1037269	419741	7088883	8N	0.3	2.3	12	2.1	0.5	179	0.2	0.07	0.4	11	33	15.8	2.77	5	0.03	0.04	12
1037270	419795	7088871	8N	0.05	1.45	15	1.4	0.5	86	0.2	0.05	0.1	5	26	10	4.26	6	0.02	0.03	12
1037271	419849	7088867	8N	0.1	1.95	9.4	1.7	1	139	0.3	0.07	0.3	7.3	29	16.3	3.06	7	0.02	0.04	15
1037272	419902	7088864	8N	0.2	2.21	11.2	1.6	0.5	156	0.2	0.07	0.3	11.8	28	25.5	2.86	5	0.03	0.04	14
1037273	419955	7088849	8N	0.05	2.02	12.6	3.1	2	152	0.2	0.07	0.2	11.8	31	26.5	2.87	5	0.03	0.05	16
1037274	420007	7088844	8N	0.1	1.83	12.6	1.6	0.5	165	0.2	0.07	0.2	16.1	24	18.2	3.01	6	0.03	0.04	17
1037275	420057	7088823	8N	0.05	1.66	12.2	1.7	1	123	0.2	0.06	0.05	10.3	25	23.9	2.82	4	0.05	0.04	22
1037277	420107	7088802	8N	0.05	1.79	11.9	9.1	2	206	0.2	0.06	0.2	8.8	28	15.4	2.51	5	0.005	0.03	12
1037278	420160	7088803	8N	0.1	2.1	11.2	2.4	1	155	0.2	0.07	0.1	7.9	31	17.8	2.9	6	0.02	0.04	16
1037279	420214	7088804	8N	0.2	2.14	11.8	2.2	1	161	0.2	0.08	0.1	8.8	35	16.1	3.05	6	0.02	0.05	14
1037280	420264	7088798	8N	0.05	2.1	11.6	1.2	0.5	191	0.2	0.08	0.2	9.3	31	10	2.86	6	0.03	0.04	12
1037281	420316	7088798	8N	0.05	1.91	9.1	1.5	0.5	123	0.3	0.04	0.1	12.2	26	26.5	3.39	5	0.02	0.04	28
1037283	420366	7088799	8N	0.05	1.27	7.7	7.2	0.5	57	0.3	0.04	0.05	6.3	23	15.6	3.61	5	0.02	0.03	30
1037284	420417	7088806	8N	0.05	1.27	11.9	6.1	1	89	0.2	0.05	0.1	9	24	16.9	2.55	4	0.005	0.03	14
1037285	418994	7086200	8N	0.2	1.72	7.6	1.6	0.5	177	0.2	0.33	0.2	18.8	57	53.5	3.63	5	0.03	0.1	22
1037286	419044	7086226	8N	0.2	1.82	7.2	3.5	2	144	0.2	0.29	0.2	18.5	65	66.6	3.95	5	0.02	0.13	26
1037287	419078	7086264	8N	0.05	1.53	5.1	1.8	0.5	91	0.05	0.15	0.05	15.1	41	49.3	2.94	5	0.02	0.13	8
1037288	419094	7086317	8N	0.05	1.43	5.8	1.2	2	64	0.2	0.1	0.1	8.9	33	34.7	2.63	5	0.04	0.06	9
1037289	419107	7086368	8N	0.1	1.39	6.2	1.4	0.5	94	0.1	0.11	0.05	11.5	33	55.9	2.93	5	0.03	0.1	8
1037290	419140	7086406	8N	0.05	1.72	6.9	1.5	2	149	0.1	0.25	0.1	16.4	40	63	3.56	5	0.02	0.19	9
1037291	419188	7086438	8N	0.2	1.28	8.7	4.9	0.5	156	0.2	0.17	0.2	8.4	25	42.1	2.62	4	0.03	0.05	13
1037292	419226	7086474	8N	0.05	0.94	8.2	2.6	0.5	65	0.1	0.11	0.05	6	21	24.2	2.1	3	0.02	0.04	10
1037293	419259	7086518	8N	0.05	1.68	7.1	1.4	0.5	85	0.1	0.11	0.2	17.3	38	77	3.42	5	0.01	0.12	10
1037294	419296	7086560	8N	0.2	1.78	7.5	3.5	0.5	150	0.2	0.23	0.2	15.1	38	87.9	3.34	5	0.04	0.13	13
1037295	419320	7086608	8N	0.1	2.72	6.3	1.6	0.5	100	0.05	0.42	0.05	29.4	67	114.3	5.39	7	0.02	0.34	6
1037296	419330	7086658	8N	0.1	2.02	7.6	2.3	1	183	0.2	0.46	0.2	18.1	43	59.2	3.75	6	0.02	0.1	12
1037297	419360	7086700	8N	0.6	1.87	36.5	5.3	2	206	0.3	0.71	0.4	18.2	37	63.7	4.06	5	0.04	0.12	20
1037298	419405	7086731	8N	0.3	2.19	14.5	2.6	1	180	0.2	0.53	0.2	19.5	44	76.4	4.38	6	0.03	0.13	19
1037299	419448	7086763	8N	0.4	1.72	14.7	2.8	1	236	0.2	0.6	0.3	17.9	37	54.7	3.56	5	0.03	0.1	19
1037300	419487	7086804	8N	0.2	1.54	27.5	2.8	1	205	0.4	0.2	0.3	19.1	46	45	3.88	5	0.02	0.14	28
1037301	419531	7086839	8N	0.4	2.23	19	2.3	2	390	0.5	0.69	0.2	28.3	110	50.4	5.22	8	0.02	0.38	30
1037302	419583	7086865	8N	0.05	1.04	12	2.1	0.5	61	0.2	0.08	0.1	6.7	27	14.8	2.6	5	0.03	0.05	16
1037303	419604	7086917	8N	0.1	1.24	7.6	1.9	2	289	0.2	0.7	0.2	12	46	21.7	2.56	4	0.03	0.11	21
1037304	419631	7086964	8N	0.2	1.2	10.3	2.1	1	249	0.3	0.44	0.2	11.5	25	27.5	2.83	4	0.04	0.08	22
1037305	419677	7087056	8N	0.2	1.31	8.5	5	1	309	0.3	0.33	0.2	13.9	25	28.8	2.98	4	0.03	0.1	28
1037306	419715	7087149	8N	0.05	1.17	10.1	3.3	2	191	0.3	0.23	0.3	12.2	30	26.6	2.73	4	0.03	0.09	28
1037307	419746	7087248	8N	0.05	0.95	9.6	1.3	2	147	0.3	0.23	0.4	12.3	20	23.1	2.52	3	0.03	0.06	18

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1037260	0.4	283	1.3	0.005	27.2	0.025	12.9	0.025	0.6	2	0.25	10	0.1	5.5	0.024	0.05	0.6	54	0.2	64
1037261	0.14	394	1.3	0.005	39	0.036	23.7	0.025	0.7	1.1	0.25	8	0.1	5.7	0.005	0.05	1.4	31	0.05	84
1037262	0.33	192	1.1	0.004	18.3	0.023	11.7	0.025	0.7	1.7	0.25	7	0.1	3.9	0.022	0.05	0.5	42	0.2	43
1037263	0.38	269	0.9	0.005	16.6	0.023	10.6	0.025	0.7	2.2	0.5	7	0.1	4.5	0.029	0.1	0.8	40	0.2	49
1037264	0.32	249	0.8	0.004	16.6	0.039	11.3	0.025	0.7	1.7	0.6	8	0.1	4.6	0.023	0.05	0.5	30	0.2	47
1037265	0.36	184	1.1	0.005	14.2	0.029	14	0.025	0.7	2.2	0.7	7	0.1	3.8	0.03	0.05	0.5	60	0.2	44
1037266	0.39	317	1.3	0.004	18.6	0.036	13.8	0.025	0.9	2.2	0.6	8	0.1	4.3	0.029	0.1	0.6	55	0.2	60
1037267	0.32	186	0.6	0.005	11.6	0.039	11.2	0.025	0.6	1.9	0.25	8	0.1	2.4	0.025	0.05	0.7	47	0.1	34
1037268	0.37	234	1.1	0.004	16.9	0.027	17.9	0.025	0.9	2.1	0.25	10	0.1	4.9	0.024	0.1	1	54	0.1	56
1037269	0.4	310	1.6	0.005	19.3	0.027	14.1	0.025	0.7	3.2	0.7	9	0.1	5	0.033	0.1	0.8	56	0.2	51
1037270	0.31	222	1.7	0.004	11	0.043	11.8	0.025	0.8	2	0.25	6	0.1	3.8	0.049	0.05	0.5	72	0.2	43
1037271	0.33	265	1.4	0.004	14.9	0.039	13.3	0.025	0.8	2.1	0.6	8	0.1	4.2	0.026	0.1	0.6	60	0.2	66
1037272	0.42	265	0.9	0.005	28.9	0.028	17	0.025	0.7	2.1	0.25	9	0.1	5.5	0.023	0.1	1	43	0.1	56
1037273	0.48	347	1	0.008	26.8	0.021	12.8	0.025	0.7	3.5	0.6	10	0.1	6.1	0.046	0.05	1.3	51	0.2	62
1037274	0.34	489	1	0.004	29.7	0.033	17.2	0.025	0.7	1.7	0.25	10	0.1	6.9	0.023	0.1	0.7	47	0.1	79
1037275	0.43	329	0.9	0.005	22.3	0.037	15.6	0.025	0.6	2.9	0.6	11	0.1	8.2	0.022	0.1	1.3	36	0.1	60
1037277	0.4	211	1.1	0.004	17.6	0.023	12	0.025	0.6	2.6	0.25	7	0.1	4.2	0.036	0.1	0.8	51	0.2	52
1037278	0.4	260	1.5	0.005	16.4	0.02	13.9	0.025	0.7	3.1	0.6	9	0.1	5.7	0.038	0.1	0.9	61	0.1	54
1037279	0.47	271	1.2	0.006	18.3	0.022	18	0.025	0.9	2.3	0.5	9	0.1	6	0.04	0.1	0.7	58	0.2	58
1037280	0.44	268	1.3	0.005	17.5	0.027	11	0.025	0.7	2.4	0.25	8	0.1	3.8	0.038	0.1	0.5	64	0.2	66
1037281	0.51	299	1.1	0.004	25.5	0.037	18.5	0.025	0.5	1.5	0.25	8	0.1	9.2	0.014	0.05	1	31	0.1	81
1037283	0.3	212	1.1	0.003	16.5	0.039	33.1	0.025	0.8	1	0.7	8	0.1	5.3	0.017	0.05	0.7	38	0.05	136
1037284	0.35	296	0.8	0.004	16	0.028	12.4	0.025	0.7	2.3	0.25	6	0.1	4.6	0.028	0.05	0.8	37	0.2	52
1037285	0.83	624	1.1	0.004	42.3	0.054	19.9	0.025	1.4	3.1	0.25	23	0.1	5.6	0.01	0.05	0.9	46	0.1	69
1037286	1.02	516	1.1	0.004	53.5	0.066	13.2	0.025	1.1	4	0.25	19	0.1	6.9	0.027	0.05	0.8	56	0.1	77
1037287	0.79	387	0.8	0.003	29.6	0.036	6.2	0.025	0.3	1.5	0.25	10	0.1	2	0.054	0.1	0.3	57	0.2	51
1037288	0.57	209	0.8	0.005	20.1	0.032	6.5	0.025	0.4	1.8	0.25	8	0.1	1.6	0.045	0.1	0.3	62	0.2	40
1037289	0.64	276	0.7	0.003	28	0.035	6.5	0.025	0.4	1.6	0.25	9	0.1	1.9	0.046	0.1	0.4	53	0.2	50
1037290	0.9	442	0.7	0.004	34.8	0.048	7	0.025	0.8	2.1	0.25	13	0.1	2.2	0.061	0.1	0.4	65	0.1	68
1037291	0.41	250	0.9	0.004	20.5	0.056	25.5	0.025	2.2	2.2	0.25	12	0.1	1.3	0.015	0.05	0.8	42	0.2	61
1037292	0.33	189	0.7	0.003	14.9	0.047	9.6	0.025	0.6	1.2	0.25	10	0.1	1.7	0.025	0.05	0.5	35	0.2	43
1037293	0.83	453	0.5	0.003	34.9	0.04	11.3	0.025	0.7	2.2	0.25	10	0.1	3.2	0.034	0.1	0.5	55	0.1	62
1037294	0.75	360	0.8	0.005	35.5	0.056	12.1	0.025	0.8	2.7	0.25	15	0.1	2.5	0.03	0.1	0.8	59	0.2	64
1037295	1.57	589	0.6	0.003	56.9	0.026	6.3	0.025	0.6	3.4	0.25	18	0.1	1.9	0.089	0.1	0.5	113	0.1	68
1037296	1.09	419	0.8	0.004	34	0.052	10.5	0.025	0.9	3.8	0.25	29	0.1	3.5	0.036	0.05	0.8	68	0.1	70
1037297	0.83	595	1.4	0.005	37.8	0.064	44.7	0.025	5.5	4.2	0.25	47	0.1	5.3	0.019	0.1	1.2	57	0.1	105
1037298	1.13	513	1.1	0.004	42.8	0.066	24.8	0.025	3.4	4.5	0.25	41	0.1	4.4	0.042	0.1	1.2	71	0.1	84
1037299	0.8	721	1.2	0.006	34.3	0.085	20.8	0.025	2.4	4.2	0.25	51	0.1	4.1	0.025	0.1	1.2	58	0.2	86
1037300	0.76	1009	1.7	0.005	35.7	0.071	37.7	0.025	4.8	3.5	0.25	31	0.1	9.9	0.036	0.2	1.1	55	0.1	102
1037301	1.72	919	1.4	0.006	59.7	0.13	33.5	0.025	2.3	5.8	0.25	77	0.1	14.2	0.135	0.7	2	92	0.2	114
1037302	0.31	190	1.1	0.003	16.7	0.037	17.3	0.025	1.8	1.4	0.25	10	0.1	4	0.022	0.05	0.4	44	0.2	44
1037303	0.62	542	0.8	0.006	23.5	0.077	16.4	0.025	1.7	3.3	0.25	51	0.1	4.9	0.039	0.2	1	46	0.2	69
1037304	0.49	406	0.9	0.005	26.8	0.062	18.9	0.025	1.5	2.6	0.25	35	0.1	6.6	0.018	0.05	1	32	0.2	79
1037305	0.41	606	1	0.005	28.1	0.07	18.4	0.025	2.1	3.1	0.25	28	0.1	6.5	0.014	0.1	1.2	36	0.2	75
1037306	0.48	538	1.2	0.005	26.4	0.083	16.6	0.025	2.2	2.6	0.25	23	0.1	7.3	0.045	0.1	1	41	0.2	76
1037307	0.35	968	0.9	0.005	22.4	0.061	23.3	0.025	0.7	1.9	0.25	43	0.1	4.6	0.019	0.05	3.2	28	0.2	73

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1037308	419817	7087322	8N	0.1	1.23	10.5	1.6	0.5	262	0.3	0.23	0.2	14.4	25	17.6	2.4	4	0.03	0.07	22
1037336	418864	7081310	8N	0.4	1.42	21.8	6.1	1	90	0.2	0.06	0.3	9.2	24	18.9	2.63	4	0.05	0.04	16
1037337	418904	7081344	8N	0.05	1.15	14.3	7.9	1	96	0.2	0.07	0.2	7.6	20	14.7	2.47	4	0.04	0.04	16
1037338	418924	7081392	8N	0.2	1.07	17.4	3.3	1	89	0.2	0.11	0.3	7.4	18	23.9	2.53	3	0.03	0.04	17
1037339	418964	7081428	8N	0.05	1.25	18.2	6.4	1	81	0.2	0.06	0.2	6.8	20	16.7	2.54	4	0.05	0.03	15
1037340	419002	7081467	8N	0.05	1.27	13.6	2	0.5	91	0.2	0.09	0.1	8.3	20	18.1	2.63	4	0.04	0.04	18
1037341	419040	7081504	8N	0.2	0.96	32.6	3.1	0.5	91	0.3	0.09	0.4	6.4	21	20.3	2.46	4	0.04	0.05	17
1037342	419076	7081542	8N	0.05	1.3	12.4	12.2	0.5	91	0.2	0.07	0.2	7.5	20	14	2.26	4	0.04	0.04	12
1037343	419115	7081578	8N	0.05	1.3	14.7	3.5	2	82	0.5	0.06	0.2	11.6	21	29.9	2.8	4	0.03	0.04	30
1037344	419152	7081618	8N	0.1	0.96	9.7	3.8	3	67	0.4	0.07	0.2	4.2	18	15.4	1.9	4	0.05	0.04	16
1037345	419197	7081652	8N	0.05	1.22	11.8	1.9	1	72	0.2	0.07	0.1	7.1	20	19.4	2.56	4	0.04	0.03	17
1037346	419231	7081695	8N	0.05	1.17	13.7	19.3	2	58	0.2	0.07	0.2	6	19	16.1	2.22	4	0.03	0.03	14
1037347	419252	7081747	8N	0.05	1.22	12.1	2.1	1	56	0.1	0.05	0.05	5.3	19	13.3	2.14	4	0.05	0.02	11
1037348	419265	7081797	8N	0.05	0.96	19.2	6.2	1	58	0.2	0.08	0.2	8.2	16	15.4	2.06	3	0.04	0.03	12
1037349	419285	7081848	8N	0.1	0.9	13.9	0.25	0.5	57	0.2	0.05	0.2	6.1	16	15.9	2.11	4	0.03	0.02	11
1037350	419293	7081900	8N	0.1	0.96	29.1	2.4	1	52	0.3	0.05	0.2	11.9	16	27	2.43	3	0.04	0.03	18
1037351	419278	7081954	8N	0.1	0.86	16.6	1.4	1	52	0.2	0.05	0.3	8.4	16	18.7	2.25	3	0.03	0.04	22
1037352	419277	7082007	8N	0.2	1.11	14.9	3.6	0.5	66	0.2	0.06	0.2	14.9	16	20.6	2.54	3	0.03	0.03	18
1037353	419286	7082059	8N	0.3	1	16.2	7.7	0.5	66	0.2	0.06	0.3	6.9	18	16	2.34	3	0.04	0.03	15
1037354	419290	7082111	8N	0.05	0.87	10.4	9.5	1	69	0.1	0.11	0.2	7.6	15	13.2	1.86	2	0.03	0.03	12
1037355	419296	7082164	8N	0.05	1.15	12.7	8.3	1	79	0.2	0.06	0.2	6.7	21	17.3	2.34	4	0.04	0.03	12
1037356	419301	7082217	8N	0.05	1.36	11.6	2	1	90	0.2	0.07	0.1	6.6	21	12.4	2.25	4	0.04	0.03	12
1037357	419312	7082269	8N	0.05	1.48	12.7	1.5	2	123	0.2	0.1	0.2	8	26	17.3	2.56	5	0.05	0.04	13
1037358	419313	7082326	8N	0.05	1.18	11.5	2.1	1	94	0.2	0.09	0.2	8.9	19	18.1	2.17	4	0.02	0.04	13
1037359	419328	7082376	8N	0.05	1.03	10.1	2.5	1	58	0.1	0.06	0.1	6.2	19	10.8	2.18	3	0.04	0.03	11
1037360	419336	7082426	8N	0.05	1.87	10.8	2.6	2	95	0.2	0.09	0.2	6.7	28	10.9	2.57	6	0.04	0.05	11
1037361	419357	7082470	8N	0.05	1.35	9.9	2.4	1	91	0.2	0.09	0.1	6	21	13	2.19	4	0.03	0.04	12
1037362	419363	7082523	8N	0.2	0.75	72	4.8	1	58	0.2	0.08	0.3	4.5	14	14.7	1.86	3	0.02	0.04	14
1037363	419365	7082575	8N	0.05	1.1	10.1	4.4	1	64	0.2	0.07	0.2	6.6	18	12.8	2.1	4	0.04	0.04	19
1037364	419365	7082575	8N	0.05	1.16	11.8	1.9	1	65	0.2	0.07	0.2	10.3	18	17.3	2.35	4	0.04	0.05	22
1037365	419359	7082625	8N	0.4	1.04	77.4	4.3	0.5	73	0.2	0.08	0.2	4.9	20	15	2.28	4	0.03	0.05	14
1037366	419342	7082675	8N	0.1	1.17	18	3.6	1	73	0.2	0.08	0.1	7.8	20	17.1	2.38	3	0.04	0.04	15
1037367	419311	7082712	8N	0.1	1.15	12.7	1.5	0.5	72	0.2	0.07	0.2	7.6	19	16	2.33	4	0.03	0.04	16
1037368	419287	7082747	8N	0.5	1.78	11.8	3	2	83	0.2	0.07	0.2	7.8	23	13.6	2.65	4	0.07	0.04	13
1037369	416343	7086801	8N	0.3	1.41	10.7	7.4	0.5	125	0.4	0.13	0.4	21.4	26	30	3	4	0.02	0.04	42
1037370	416382	7086837	8N	0.2	1.28	8.5	1.7	1	124	0.3	0.06	0.1	9.1	21	26.3	2.48	4	0.02	0.04	29
1037371	416418	7086875	8N	0.2	1.45	8	1.5	0.5	105	0.6	0.07	0.2	12	23	35.5	3.5	5	0.03	0.03	38
1037372	416452	7086920	8N	0.1	1.09	6.1	3.9	1	79	0.4	0.06	0.1	9.6	20	26.8	2.5	3	0.02	0.02	33
1037373	416497	7086950	8N	0.1	1.39	10.9	0.25	0.5	125	0.4	0.07	0.1	9	27	26.7	2.71	4	0.02	0.04	26
1037374	416542	7086978	8N	0.2	1.34	10.9	2.9	1	124	0.4	0.09	0.1	8.2	30	25.2	2.7	4	0.03	0.04	28
1037375	416574	7087015	8N	0.1	1.33	10.4	1.2	0.5	149	0.4	0.1	0.1	9.9	29	27.2	2.65	4	0.02	0.03	30
1037376	416650	7087094	8N	0.2	1.07	6.5	3.7	2	104	0.3	0.15	0.3	10.1	19	23.8	2.16	4	0.02	0.03	26
1037377	416726	7087164	8N	0.2	1.22	7.7	8	1	147	0.3	0.1	0.1	7.7	17	23.8	2.3	4	0.04	0.04	25
1037378	416698	7087212	8N	0.2	1.16	6.2	2.4	0.5	93	0.3	0.07	0.3	6.5	18	14.8	2.18	4	0.03	0.03	22
1037379	416745	7087246	8N	0.2	1.14	7.7	1.6	0.5	120	0.3	0.08	0.2	6.4	20	25.8	2.22	3	0.03	0.03	27
1037380	416780	7087292	8N	0.2	1.26	6.7	3.5	0.5	104	0.5	0.08	0.2	8.5	20	33.9	2.89	4	0.005	0.03	36

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1037308	0.43	1196	0.8	0.005	19.7	0.067	19.4	0.025	1	2.1	0.25	22	0.1	3.3	0.013	0.1	1	36	0.3	66
1037336	0.33	375	1.4	0.005	20.3	0.043	84.6	0.025	1.1	1.7	0.7	9	0.1	2.5	0.021	0.1	1.1	40	0.3	65
1037337	0.26	274	1	0.005	15.9	0.044	20.1	0.025	0.7	0.8	0.25	8	0.1	1.2	0.016	0.1	0.8	37	0.2	47
1037338	0.37	235	1	0.005	18.5	0.055	18.8	0.025	0.9	1.5	0.25	13	0.1	2.1	0.023	0.05	1	33	0.2	63
1037339	0.28	184	1	0.004	15.2	0.046	16.2	0.025	0.8	1.3	0.6	8	0.1	0.9	0.022	0.05	0.7	42	0.3	48
1037340	0.36	288	0.9	0.005	18.3	0.047	15.5	0.025	0.6	1.1	0.25	11	0.1	2.3	0.023	0.1	0.8	39	0.1	53
1037341	0.27	292	1.1	0.006	18.1	0.06	25.1	0.025	0.8	0.4	0.25	11	0.1	0.6	0.012	0.1	1	33	0.2	69
1037342	0.32	239	0.8	0.005	16.9	0.033	12.5	0.025	0.7	0.9	0.25	7	0.1	1.3	0.019	0.1	0.6	35	0.2	46
1037343	0.4	354	1.4	0.005	25	0.033	42.2	0.08	1.1	1	0.25	11	0.1	6.4	0.02	0.05	1.3	31	0.1	61
1037344	0.22	129	1	0.007	12.7	0.054	14.4	0.12	0.6	0.3	0.5	8	0.1	0.2	0.015	0.1	0.7	36	0.2	38
1037345	0.4	244	0.8	0.004	17.2	0.047	14.2	0.025	0.6	1.1	0.6	9	0.1	1.1	0.019	0.05	0.7	35	0.2	55
1037346	0.33	258	0.8	0.004	15.8	0.048	13.3	0.025	0.7	1	0.7	8	0.1	0.5	0.021	0.05	0.6	35	0.2	53
1037347	0.26	192	0.9	0.004	12.3	0.045	13.7	0.06	0.7	0.8	0.8	7	0.1	0.3	0.017	0.05	0.5	38	0.2	42
1037348	0.29	286	0.7	0.004	17	0.045	23.7	0.025	0.7	1.1	0.25	8	0.1	0.8	0.02	0.05	0.6	31	0.3	54
1037349	0.24	234	0.8	0.003	13.4	0.038	20.1	0.025	0.7	0.9	0.7	6	0.1	0.6	0.017	0.05	0.5	34	0.3	44
1037350	0.29	373	0.8	0.006	22	0.035	25.2	0.025	1	1.1	0.7	8	0.1	1.8	0.016	0.05	1.1	27	0.2	60
1037351	0.23	293	0.8	0.006	19.6	0.029	17.7	0.025	1.6	1	0.25	7	0.1	1.8	0.013	0.05	0.9	26	0.2	54
1037352	0.34	369	0.9	0.005	22.5	0.038	24.4	0.025	1	1.5	0.6	13	0.1	5.2	0.019	0.05	1.1	25	0.2	68
1037353	0.3	239	1	0.005	13.8	0.045	28.7	0.025	0.9	1.1	0.6	9	0.1	0.9	0.019	0.05	0.8	32	0.3	56
1037354	0.33	295	0.6	0.005	17.8	0.046	9.2	0.025	0.7	1.5	0.25	10	0.1	2.8	0.025	0.05	0.5	25	0.2	49
1037355	0.31	276	1.1	0.004	15.5	0.038	13.4	0.025	0.8	1.4	0.6	8	0.1	1	0.025	0.05	0.8	36	0.2	53
1037356	0.34	216	0.8	0.005	14.3	0.036	11.1	0.025	0.6	1.6	0.6	8	0.1	1	0.026	0.05	0.7	38	0.2	43
1037357	0.42	296	1.2	0.01	18.6	0.066	13.4	0.025	0.8	1.6	1	12	0.1	0.7	0.037	0.05	0.8	45	0.3	68
1037358	0.34	300	0.8	0.005	20.3	0.039	10.2	0.025	0.7	0.9	0.25	9	0.1	1.4	0.023	0.05	0.7	34	0.2	57
1037359	0.29	238	0.7	0.004	14.2	0.027	11.4	0.025	0.6	0.7	0.25	7	0.1	1.2	0.021	0.05	0.5	31	0.1	44
1037360	0.39	290	1.4	0.009	14.6	0.046	11.9	0.025	0.8	0.9	0.25	9	0.1	0.5	0.028	0.2	0.6	55	0.2	57
1037361	0.32	212	0.9	0.008	15.6	0.041	11.3	0.025	0.7	0.7	0.25	8	0.1	0.7	0.021	0.1	0.6	39	0.1	51
1037362	0.2	161	0.9	0.005	14.2	0.037	28.3	0.025	2.6	0.5	0.25	10	0.1	1.2	0.016	0.05	0.6	27	0.1	53
1037363	0.24	192	1.2	0.006	15	0.048	18.9	0.025	1.4	0.3	0.25	7	0.1	0.3	0.013	0.1	0.9	35	0.1	44
1037364	0.28	278	1.3	0.005	20.6	0.054	21.5	0.025	2	0.4	0.25	9	0.1	0.7	0.013	0.1	1.1	33	0.1	54
1037365	0.26	170	1.1	0.005	14	0.047	28.9	0.025	2.4	0.7	0.25	9	0.1	0.7	0.014	0.1	0.7	36	0.1	56
1037366	0.3	261	1	0.004	19.4	0.036	16	0.025	1.3	0.8	0.25	8	0.1	1.3	0.021	0.1	0.8	36	0.2	50
1037367	0.27	268	1	0.004	16.3	0.057	15.2	0.025	0.8	0.5	0.25	9	0.1	0.8	0.019	0.1	0.8	38	0.2	57
1037368	0.28	199	1	0.006	17.1	0.032	15	0.025	0.8	1.1	0.25	8	0.1	5	0.038	0.1	0.6	41	0.3	40
1037369	0.65	767	0.8	0.004	29.9	0.054	31.4	0.025	1.1	1.6	0.25	18	0.1	9.9	0.007	0.05	2.6	17	0.1	80
1037370	0.42	274	1	0.004	22.6	0.03	19.6	0.025	0.8	1.9	0.25	11	0.1	6.5	0.013	0.05	1.5	30	0.2	64
1037371	0.58	349	1.5	0.006	19.1	0.047	26.6	0.05	0.6	1.3	0.25	23	0.1	10	0.011	0.05	2.1	26	0.1	74
1037372	0.5	262	0.8	0.004	22.9	0.032	21.2	0.025	0.7	1.2	0.25	15	0.1	8.9	0.011	0.05	1.6	19	0.05	59
1037373	0.48	229	1	0.005	27.8	0.045	21.8	0.05	0.9	1.8	0.25	14	0.1	4.7	0.014	0.1	1.6	29	0.2	61
1037374	0.54	196	1	0.005	27.7	0.036	31.3	0.05	0.8	1.8	0.25	18	0.1	7	0.011	0.05	1.4	26	0.1	64
1037375	0.55	290	1	0.005	26.3	0.032	23.2	0.025	0.7	2	0.25	17	0.1	7.9	0.012	0.05	1.6	27	0.1	66
1037376	0.43	356	0.7	0.004	18.1	0.046	17.4	0.025	0.6	1.4	0.25	18	0.1	5.9	0.01	0.05	1.5	22	0.1	55
1037377	0.44	221	1	0.004	20.7	0.039	21.6	0.025	0.8	1.7	0.25	15	0.1	4.4	0.011	0.1	1.7	24	0.2	59
1037378	0.41	198	0.6	0.004	15.9	0.033	18.4	0.06	0.6	1.5	0.25	13	0.1	5.4	0.01	0.1	1.5	23	0.2	55
1037379	0.42	171	0.8	0.005	19.1	0.038	21.2	0.025	0.7	1.5	0.25	16	0.1	6.7	0.017	0.05	1.8	26	0.1	56
1037380	0.59	229	1.1	0.005	22.9	0.035	22.6	0.025	0.9	1.3	0.25	21	0.1	12.4	0.012	0.05	1.9	18	0.1	71

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1037381	416818	7087327	8N	0.4	1.29	7.8	2.1	0.5	121	0.4	0.11	0.3	8.1	21	33	2.61	4	0.04	0.04	32
1037382	416866	7087357	8N	0.3	1.13	6.6	2.3	0.5	86	0.3	0.04	0.2	4.7	17	23.9	2.13	4	0.03	0.03	27
1037383	416915	7087387	8N	0.2	1.31	7.7	0.25	1	74	0.5	0.06	0.2	10.5	22	33.6	3.07	4	0.01	0.04	39
1037384	416954	7087428	8N	0.4	1.15	9.3	2.2	1	82	0.3	0.06	0.3	9.4	22	26.1	2.37	4	0.03	0.03	29
1037385	416994	7087461	8N	0.2	1.18	9.9	5.5	2	133	0.4	0.13	0.3	13.7	24	26	2.43	4	0.02	0.05	26
1037386	417047	7087488	8N	0.4	1.43	11.8	2.2	1	175	0.4	0.14	0.3	10.4	31	25.7	2.73	4	0.03	0.06	26
1037387	417100	7087513	8N	0.3	1.23	8.7	2.7	0.5	126	0.3	0.1	0.3	11.3	26	26.6	2.62	4	0.02	0.05	33
1037388	417141	7087551	8N	0.5	1.15	10.1	1.5	2	176	0.4	0.21	0.4	8.3	22	21.4	2.29	4	0.04	0.06	27
1037389	417192	7087574	8N	0.7	1.34	12.8	2.4	1	208	0.3	0.2	0.6	11.8	32	27.9	2.63	4	0.02	0.08	35
1037391	417247	7087594	8N	0.3	1.23	12.8	5.9	0.5	135	0.4	0.16	0.3	11.5	27	25.9	2.71	4	0.02	0.05	37
1037392	417292	7087629	8N	0.2	1.36	9.5	2	0.5	154	0.3	0.13	0.3	11.8	22	25.6	2.68	4	0.03	0.05	36
1037393	417338	7087661	8N	0.2	1.37	9.5	0.7	0.5	150	0.3	0.12	0.2	11.5	22	26.3	2.6	4	0.03	0.04	31
1037394	413484	7086272	8N	0.05	1.24	14.4	8.1	1	88	0.3	0.18	0.3	12.2	23	27.8	2.47	4	0.02	0.07	26
1037395	413538	7086264	8N	0.05	1.38	13	1.8	0.5	111	0.4	0.1	0.2	11.2	18	21.7	2.35	4	0.02	0.1	24
1037396	413592	7086262	8N	0.05	0.8	12.1	1.7	0.5	46	0.3	0.05	0.05	3.5	13	13.1	2.07	4	0.04	0.05	17
1037397	413648	7086261	8N	0.05	0.94	12.7	4.5	0.5	65	0.2	0.09	0.05	6.4	16	16.6	2.09	3	0.03	0.05	16
1037398	413691	7086232	8N	0.05	1.06	5.7	1.8	0.5	41	0.4	0.03	0.05	2.9	12	16.8	2.7	4	0.03	0.04	53
1037399	413741	7086209	8N	0.05	0.93	10.3	2	1	52	0.2	0.06	0.05	3.5	16	8.4	2.3	5	0.02	0.03	20
1037400	413791	7086193	8N	0.05	0.99	7.9	0.6	0.5	40	0.3	0.05	0.05	5.2	15	14.9	1.91	4	0.03	0.03	26
1037401	409296	7089136	8N	0.4	1.47	24.1	1.9	1	211	0.3	0.29	0.2	8.1	25	40.7	2.22	4	0.06	0.06	18
1037402	409296	7089136	8N	0.4	1.54	27	3.7	1	229	0.3	0.32	0.2	8.5	26	44.5	2.3	4	0.05	0.07	19
1037403	409296	7089237	8N	0.3	1.54	41.6	17.9	1	188	0.3	0.19	0.2	6.4	26	31.7	2.22	5	0.04	0.05	14
1037404	409295	7089287	8N	0.7	2.61	15.1	3	2	224	0.2	0.66	1.2	8.3	45	65.4	2.26	9	0.03	0.28	15
1037406	409295	7089336	8N	0.3	1.35	13.7	2.4	1	192	0.3	0.21	0.2	7.2	26	26.4	1.76	5	0.03	0.06	12
1037407	409295	7089387	8N	0.1	1.41	13	2.1	2	150	0.2	0.16	0.05	8.3	24	25.2	2.08	5	0.03	0.05	11
1037408	409295	7089437	8N	0.4	1.63	9.8	5.5	2	243	0.2	0.27	0.2	6.6	37	41.2	1.89	6	0.02	0.11	14
1037409	409295	7089487	8N	0.3	1.34	8.2	2.8	1	169	0.2	0.22	0.3	4.8	30	26.5	1.49	5	0.03	0.09	11
1037410	409294	7089537	8N	0.4	1.71	6.9	6.4	0.5	179	0.1	0.26	0.3	5.9	33	48.5	1.52	6	0.02	0.1	11
1037411	409294	7089585	8N	0.4	1.41	7.6	4.3	2	236	0.2	0.29	0.7	7.9	29	57.3	1.75	4	0.02	0.08	15
1037412	409294	7089636	8N	0.4	1.47	9.6	5.8	2	209	0.2	0.25	0.3	6.3	30	47.6	1.74	4	0.03	0.08	12
1037413	409295	7089685	8N	0.5	1.51	16.3	10.8	2	247	0.2	0.41	0.3	8	29	52.5	1.78	5	0.05	0.08	14
1037414	409295	7089736	8N	0.4	1.62	11.5	3.4	2	234	0.2	0.58	0.7	6.6	28	44.9	1.62	4	0.04	0.08	14
1037415	409296	7089786	8N	0.4	1.55	10.6	6.5	0.5	204	0.2	0.63	1.1	6.6	29	36.9	1.61	5	0.02	0.1	16
1037416	409296	7089836	8N	0.4	1.51	8.5	5	3	245	0.2	0.78	0.7	7.5	30	28.3	1.68	5	0.06	0.09	12
1037417	409296	7089886	8N	0.4	1.36	8.2	6.5	1	218	0.2	0.58	0.4	7.4	28	27.2	1.62	4	0.05	0.07	14
1037418	409296	7089936	8N	0.4	1.26	9.8	6.2	1	217	0.2	0.53	0.3	6.5	28	27.7	1.69	4	0.06	0.07	16
1037419	409297	7090085	8N	0.3	2.11	14.1	7.7	1	216	0.2	0.12	0.1	9.1	32	21.6	3.1	6	0.05	0.07	12
1037420	409297	7090136	8N	0.6	2.52	11.2	2.5	1	216	0.2	0.6	1.3	10.9	39	43.1	3.26	9	0.03	0.24	11
1037421	409297	7090186	8N	0.5	1.72	11.4	6.1	1	627	0.2	0.38	0.3	10.3	31	38.9	3.73	6	0.02	0.39	32
1037422	409298	7090236	8N	0.2	1.72	23.2	37.9	1	319	0.3	0.47	0.5	10.1	29	18.7	2.75	5	0.04	0.1	20
1037423	409298	7090286	8N	0.05	1.38	42.6	11.8	0.5	132	0.8	0.18	0.2	5.4	22	19.5	1.85	5	0.03	0.07	16
1037431	416147	7086692	8N	0.05	1.19	5.6	5.6	0.5	93	0.3	0.1	0.1	7.1	26	18.5	2.26	4	0.02	0.03	24
1037432	416196	7086749	8N	0.1	1.3	5.9	2.3	0.5	160	0.3	0.22	0.2	13.4	25	32	2.88	4	0.02	0.1	33
1037433	416271	7086756	8N	0.1	1.18	9.1	1.8	0.5	257	0.2	0.27	0.3	9.3	23	25	2.26	3	0.03	0.04	14
1037434	411198	7083066	8N	0.4	0.88	7.9	1.9	1	88	0.1	0.07	0.2	6.3	16	27.8	2.33	3	0.09	0.08	24
1037435	411146	7083070	8N	0.05	1.37	8.5	3.7	1	73	0.2	0.08	0.2	9.6	20	24.1	2.69	4	0.04	0.07	22

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1037381	0.45	229	1	0.005	31.1	0.043	38.4	0.025	1	1.5	0.25	24	0.1	8.6	0.01	0.05	3	22	0.05	67
1037382	0.38	140	0.9	0.005	18.3	0.038	27	0.025	0.6	1.2	0.25	15	0.1	5.4	0.009	0.05	2	22	0.05	50
1037383	0.61	319	1.1	0.004	31.5	0.038	29.6	0.06	0.6	1.3	0.6	23	0.1	12.1	0.005	0.05	2.1	17	0.05	79
1037384	0.42	243	1	0.005	21.3	0.034	44.1	0.025	0.8	1.4	0.25	15	0.1	8.3	0.017	0.05	2.2	25	0.2	64
1037385	0.51	419	1	0.005	21.8	0.05	36.3	0.06	1.1	1.6	0.8	18	0.1	5.7	0.022	0.1	1.6	27	0.2	68
1037386	0.57	301	1.3	0.007	22.9	0.046	43	0.025	1	2.6	0.25	22	0.1	9	0.045	0.1	1.8	40	0.2	81
1037387	0.51	289	0.8	0.005	25.7	0.039	30.5	0.025	0.9	2	0.25	18	0.1	11.6	0.038	0.05	2	32	0.2	73
1037388	0.44	1235	1	0.007	22	0.054	33.6	0.07	0.9	1.9	0.25	23	0.1	5.2	0.03	0.1	2.1	32	0.3	86
1037389	0.59	387	1.3	0.009	29.1	0.044	119.6	0.025	1.3	2.6	0.25	28	0.1	11.4	0.055	0.1	2.1	38	0.2	101
1037391	0.57	359	1	0.007	24.8	0.039	43	0.025	1.1	1.9	0.25	25	0.1	14.3	0.045	0.05	2.1	28	0.2	85
1037392	0.52	342	1.2	0.006	25.4	0.034	34.5	0.025	0.9	2.1	0.25	21	0.1	12.9	0.037	0.05	2.2	31	0.2	79
1037393	0.51	273	1.1	0.006	22.5	0.036	28.8	0.025	0.7	1.8	0.25	22	0.1	9.9	0.023	0.05	2.5	29	0.1	68
1037394	0.45	436	1.1	0.007	26.1	0.076	30.7	0.025	3.2	1.6	0.25	19	0.1	2.2	0.036	0.1	1.3	43	0.2	77
1037395	0.4	319	0.8	0.005	19.1	0.05	28.4	0.025	1.4	1.1	0.25	12	0.1	2.1	0.019	0.1	1	34	0.2	69
1037396	0.16	128	1	0.004	9.5	0.035	21.8	0.025	1.1	0.8	0.25	7	0.1	1.8	0.024	0.05	0.6	41	0.2	39
1037397	0.26	198	0.8	0.004	13.4	0.043	21.2	0.025	1	0.9	0.25	10	0.1	1.1	0.018	0.05	0.8	34	0.2	45
1037398	0.3	100	1.1	0.004	7.1	0.041	13.8	0.025	0.5	0.7	0.25	15	0.1	11.5	0.006	0.1	1.3	24	0.05	34
1037399	0.22	112	1	0.006	8.6	0.022	13.4	0.025	0.7	1.1	0.7	9	0.1	4.2	0.03	0.1	0.6	46	0.2	27
1037400	0.26	139	0.8	0.004	11.8	0.029	15.2	0.025	0.5	0.9	0.25	11	0.1	6.1	0.021	0.05	0.9	32	0.1	32
1037401	0.45	253	2.4	0.008	24.7	0.087	19.5	0.025	1.7	2.5	1.5	24	0.1	3.4	0.037	0.2	1.9	53	0.4	82
1037402	0.5	275	2.9	0.009	25.7	0.096	21.3	0.025	1.8	2.6	1	26	0.1	3.3	0.039	0.2	2.2	55	0.5	87
1037403	0.49	212	4.2	0.006	18	0.07	16.2	0.025	1.5	1.9	1.4	18	0.1	1.2	0.027	0.2	1.6	55	0.4	76
1037404	1.82	311	6.2	0.047	37.4	0.108	17.5	0.025	2.5	4.5	1	79	0.1	4.6	0.075	0.5	2.3	205	0.4	181
1037406	0.61	381	3.7	0.006	19.8	0.071	11.4	0.025	1.2	1.9	0.7	20	0.1	1	0.028	0.2	1.3	65	0.4	77
1037407	0.53	325	3.1	0.006	17.9	0.067	11.9	0.025	0.9	1.3	1	14	0.1	0.5	0.024	0.2	1	60	0.2	69
1037408	0.8	227	2.6	0.009	23.5	0.089	12.4	0.025	1.6	2.1	0.25	25	0.1	0.8	0.047	0.3	1.8	93	0.2	90
1037409	0.69	175	2.6	0.008	18.5	0.086	10.4	0.025	1.2	0.8	0.25	20	0.1	0.1	0.027	0.2	1.2	83	0.2	73
1037410	1.02	162	3.3	0.006	29.1	0.1	10	0.025	1.5	2.2	0.6	22	0.1	1.5	0.052	0.2	1.7	112	0.3	110
1037411	0.64	137	2.4	0.009	28.4	0.081	9.4	0.025	1.1	2.8	0.25	24	0.1	3.7	0.049	0.2	2	75	0.4	108
1037412	0.66	271	3.5	0.009	31.9	0.074	11.1	0.025	1.4	2.5	2.2	23	0.1	2.2	0.041	0.2	1.6	77	0.2	148
1037413	0.67	653	5.4	0.01	26.6	0.105	15.5	0.025	1.9	2.7	2.8	35	0.1	2.3	0.037	0.2	2.7	79	0.4	125
1037414	0.76	326	3.5	0.012	29.1	0.093	12	0.025	1.7	2.4	1.8	38	0.1	1.8	0.038	0.2	3	78	0.3	156
1037415	0.91	266	3.6	0.012	28.4	0.086	13.9	0.025	2.1	2.6	1.1	38	0.1	2.2	0.045	0.2	2.9	99	0.3	157
1037416	0.9	465	1.9	0.009	23.1	0.079	13.3	0.025	1.5	2.8	0.7	41	0.1	2.3	0.039	0.2	1.8	97	0.2	126
1037417	0.67	274	2.7	0.008	20	0.085	15.7	0.025	1.6	2.5	0.7	37	0.1	2.6	0.031	0.4	1.8	77	0.3	92
1037418	0.56	201	3.2	0.008	18.2	0.096	14.8	0.025	2.7	2.8	0.6	36	0.1	3.6	0.042	0.4	1.6	73	0.3	87
1037419	0.45	223	1.5	0.008	18.8	0.035	10.2	0.025	1.3	2.7	0.25	16	0.1	3.4	0.052	0.1	0.5	63	0.2	56
1037420	1.41	515	2.6	0.011	35.2	0.111	25.5	0.025	3.4	4	0.9	49	0.1	3.5	0.067	0.4	1	74	0.1	185
1037421	0.73	204	1.2	0.012	24.8	0.099	16.9	0.2	3.2	4	1	43	0.1	3.6	0.061	0.4	1	53	0.2	93
1037422	0.77	628	0.9	0.008	22.5	0.092	16.8	0.025	2.1	3.8	0.7	25	0.1	3.3	0.034	0.2	0.7	41	0.3	100
1037423	0.29	188	0.8	0.007	14.2	0.05	9.4	0.025	2.5	2	0.25	14	0.1	1.8	0.042	0.2	0.9	41	0.6	43
1037431	0.46	211	0.7	0.004	17.6	0.04	18.1	0.025	0.4	1.3	0.25	13	0.1	5.9	0.011	0.05	1.2	22	0.1	55
1037432	0.53	269	0.7	0.01	29.2	0.056	26.6	0.025	1	3.1	0.25	19	0.1	12.7	0.031	0.05	1.7	28	0.2	80
1037433	0.48	322	1.1	0.009	23.4	0.071	10.8	0.025	0.8	2.9	0.25	24	0.1	3.6	0.032	0.05	0.9	39	0.2	70
1037434	0.2	224	1	0.005	21.8	0.109	11.3	0.07	2.4	0.8	0.9	9	0.1	0.7	0.006	0.05	0.9	17	0.05	46
1037435	0.35	225	0.6	0.004	19.8	0.054	13.7	0.025	1.8	1.5	0.25	10	0.1	1.9	0.01	0.1	0.9	30	0.1	52

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1037436	411098	7083077	8N	0.1	1.4	10.1	3.8	1	122	0.2	0.1	0.1	9.7	29	34.1	2.79	4	0.03	0.08	31
1037437	411048	7083091	8N	0.1	1.4	11.8	1.9	0.5	110	0.2	0.1	0.2	9.3	20	17.3	2.43	4	0.03	0.05	21
1037438	410997	7083099	8N	0.05	1.04	9.4	4.2	0.5	60	0.2	0.08	0.1	7	17	15.2	2.22	4	0.04	0.06	20
1037439	410947	7083113	8N	0.05	1.27	9.3	1.6	0.5	68	0.3	0.09	0.1	9.4	20	26.2	2.66	3	0.02	0.07	30
1037440	410899	7083124	8N	0.05	0.96	8.3	3.6	1	63	0.2	0.09	0.05	6	16	20.9	2.3	3	0.03	0.07	32
1037441	410852	7083141	8N	0.05	1.07	7.2	1.9	0.5	60	0.2	0.09	0.05	3.6	18	11.7	1.82	4	0.02	0.04	14
1037442	410807	7083155	8N	0.05	0.87	18.7	1	1	76	0.2	0.1	0.05	13	18	32.6	3.03	2	0.03	0.09	35
1037443	410762	7083170	8N	0.05	0.8	14.8	4.8	0.5	88	0.2	0.16	0.2	17.3	21	32	3.4	2	0.01	0.09	34
1037444	410711	7083169	8N	0.05	1.2	33.4	5.2	1	89	0.2	0.11	0.3	8.3	20	26.5	2.53	3	0.03	0.06	25
1037446	410662	7083172	8N	0.05	1.11	39.3	5	1	84	0.2	0.16	0.3	6.9	19	24.2	2.35	3	0.03	0.07	20
1037447	403821	7075027	8N	0.05	1.14	280.7	8.6	0.5	74	0.3	0.06	0.05	9.7	19	18.8	2.45	4	0.03	0.04	12
1037448	403768	7075049	8N	0.1	1.02	158.7	5.5	2	80	0.7	0.1	0.2	6.3	19	19.5	2.16	4	0.06	0.05	12
1037449	403722	7075070	8N	0.2	1.22	125.6	12.2	0.5	67	0.7	0.09	0.1	8.4	20	24.6	2.53	4	0.04	0.05	17
1037450	403687	7075103	8N	0.05	1.06	118.6	22.6	0.5	63	0.2	0.1	0.05	4.5	18	17.7	2.19	4	0.05	0.04	14
1037475	417264	7080720	8N	0.05	1.23	11.6	2.2	1	70	0.2	0.06	0.1	6.6	18	18.8	2.31	4	0.02	0.03	13
1037476	417315	7080710	8N	0.05	1.3	11.6	3	2	61	0.2	0.05	0.2	6.8	21	22.3	2.94	4	0.04	0.03	20
1037477	417364	7080704	8N	0.05	1.41	12.6	3.8	1	75	0.3	0.07	0.2	7.9	22	26.3	2.92	4	0.03	0.04	26
1037478	417414	7080701	8N	0.05	1.23	14	16.1	0.5	78	0.2	0.07	0.3	10.3	20	26.4	2.65	4	0.03	0.04	24
1037479	417465	7080693	8N	0.2	1.28	21.4	8.2	2	71	0.3	0.05	0.2	11	21	25.3	2.89	4	0.03	0.04	21
1037480	417516	7080688	8N	0.2	1.15	16.5	18.9	0.5	81	0.2	0.06	0.2	6.4	18	20.7	2.45	3	0.03	0.03	21
1037481	417567	7080691	8N	0.2	1.32	16.1	9.3	2	68	0.2	0.07	0.4	9.8	20	24.7	2.54	4	0.05	0.04	17
1037482	417618	7080686	8N	0.2	1.04	11.7	4.3	2	51	0.4	0.05	0.3	7.8	22	19	2.55	4	0.04	0.04	21
1037483	417668	7080694	8N	0.1	1.18	10.5	3.4	1	58	0.3	0.07	0.3	6.6	21	20.6	2.43	4	0.03	0.04	18
1037484	417719	7080693	8N	0.1	1.27	13.5	5.9	2	69	0.3	0.05	0.3	9.3	24	21.2	3.04	4	0.03	0.04	20
1037485	417770	7080694	8N	0.2	1.31	11.4	2.2	2	80	0.2	0.05	0.3	8	24	21.7	2.52	4	0.03	0.04	19
1037486	417820	7080704	8N	0.1	1.3	11	6.5	1	67	0.3	0.05	0.2	10	23	23.7	2.7	4	0.03	0.04	23
1037487	417872	7080713	8N	0.3	1.27	13.4	1.4	0.5	116	0.2	0.08	0.3	8.5	21	26.5	2.55	4	0.03	0.03	25
1037488	417919	7080731	8N	0.2	1.3	14.1	6.1	0.5	59	0.2	0.04	0.2	7.4	19	22.4	2.74	4	0.02	0.03	30
1037489	417967	7080747	8N	0.1	1.21	11.4	4.9	0.5	76	0.2	0.06	0.2	8.1	22	16.8	2.38	4	0.04	0.03	16
1037490	418014	7080766	8N	0.05	1.12	11.5	6.9	0.5	60	0.2	0.06	0.1	5.4	18	13.1	2.05	4	0.03	0.03	16
1037491	418680	7081200	8N	0.5	1.41	34	4.4	2	87	0.5	0.07	0.5	13.2	20	27.1	2.77	4	0.06	0.04	15
1037492	418728	7081216	8N	0.3	1.34	40.4	3.9	2	108	0.3	0.07	0.3	11.2	21	21.4	2.59	4	0.05	0.04	17
1037493	415386	7087829	8N	0.05	1.04	10	1	0.5	87	0.4	0.04	0.1	6.5	17	24.8	2.48	3	0.03	0.03	20
1037494	415434	7087811	8N	0.05	1.23	10.5	5.4	1	84	0.2	0.08	0.2	8.3	21	16.1	2.3	3	0.02	0.04	15
1037495	415483	7087797	8N	0.05	1.34	10.5	2.7	0.5	81	0.4	0.04	0.1	7	20	29.9	2.77	4	0.03	0.03	24
1037496	415533	7087788	8N	0.05	1.31	6.6	3.1	0.5	45	0.6	0.03	0.05	6	20	32.2	3.21	5	0.03	0.04	35
1037497	415584	7087780	8N	0.05	1.18	9	2.2	0.5	54	0.2	0.04	0.1	4.9	0.5	14.7	2.3	4	0.01	0.03	19
1037498	415631	7087760	8N	0.05	1.22	47.5	2.6	0.5	108	0.2	0.16	0.5	28.1	154	32.6	2.86	3	0.03	0.03	19
1037499	415678	7087741	8N	0.05	1.65	247.4	2.1	1	168	0.2	0.16	0.6	43.2	379	38.6	5	5	0.03	0.03	20
1037500	415728	7087732	8N	0.05	2.02	98.6	2.1	1	136	0.3	0.21	0.4	38	395	56.3	5.04	5	0.03	0.04	36
1043388	412101	7087937	8N	0.9	2.06	2330.2	19.2	1	173	3.9	0.05	0.6	30.5	39	158.5	8.66	6	0.02	0.5	13
1043389	412096	7087888	8N	0.1	1.94	44.1	10.2	2	119	0.5	0.1	0.2	28.3	31	49.8	4.01	6	0.09	0.14	19
1043390	412097	7087838	8N	0.1	0.73	57.9	20.1	0.5	115	0.8	0.12	0.2	25.9	15	69.8	4.87	2	0.04	0.12	22
1043391	412098	7087787	8N	0.4	1.64	552.3	24.4	1	111	1.5	0.04	0.3	13	28	77.3	4.4	5	0.05	0.21	17
1043392	412095	7087736	8N	0.2	1.55	27.4	22.6	0.5	113	0.6	0.07	0.2	39.5	26	106	4.57	4	0.03	0.19	15
1043393	412089	7087682	8N	0.05	1.42	45	22.2	1	83	0.4	0.09	0.2	30.7	23	79.4	3.82	4	0.03	0.09	17

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1037436	0.49	309	0.9	0.004	30.3	0.049	15.8	0.025	1.8	2.7	0.25	11	0.1	5.2	0.014	0.1	1.2	31	0.1	65
1037437	0.36	248	1	0.005	19	0.047	15.7	0.025	0.8	2.3	0.25	10	0.1	4.3	0.021	0.1	1	39	0.2	52
1037438	0.28	298	1	0.004	15.4	0.033	21.2	0.025	0.8	1.7	0.25	8	0.1	3.5	0.024	0.05	0.8	39	0.2	47
1037439	0.36	352	0.9	0.005	21.8	0.042	19.8	0.025	0.9	2	0.25	10	0.1	6.5	0.017	0.1	1.1	32	0.2	66
1037440	0.26	175	0.6	0.005	17.4	0.044	16.6	0.025	2.1	1.5	0.25	10	0.1	5.8	0.017	0.05	0.8	26	0.1	53
1037441	0.27	99	0.7	0.004	11.9	0.04	11.9	0.025	1	1.7	0.5	8	0.1	1.3	0.018	0.1	0.5	35	0.1	34
1037442	0.27	378	0.8	0.004	32.1	0.055	21.8	0.025	10.3	2	0.25	17	0.1	6	0.011	0.1	1.1	25	0.1	80
1037443	0.3	586	0.8	0.004	41.3	0.074	22.1	0.025	7.6	2.8	0.25	15	0.1	6	0.013	0.05	1.1	27	0.05	78
1037444	0.31	281	0.8	0.004	22.1	0.049	57	0.025	11.7	2.6	0.25	10	0.1	4.7	0.016	0.1	0.8	33	0.1	89
1037446	0.33	231	0.8	0.006	22	0.058	40.5	0.025	11.4	2.1	0.25	13	0.1	4.5	0.023	0.1	0.7	30	0.2	72
1037447	0.32	271	0.8	0.004	21	0.033	11.1	0.025	0.7	1.3	0.6	8	0.1	2.2	0.022	0.1	0.6	36	0.3	47
1037448	0.3	232	0.9	0.006	18.1	0.063	12.5	0.07	0.7	1	0.8	11	0.1	0.6	0.018	0.1	0.7	32	0.2	51
1037449	0.37	338	0.9	0.005	21.4	0.045	11.6	0.025	0.8	1.3	0.25	10	0.1	2.6	0.024	0.1	0.8	32	0.2	58
1037450	0.29	175	0.8	0.005	12.5	0.048	8.8	0.025	1	1.2	0.7	10	0.1	1.4	0.025	0.1	0.7	32	0.2	42
1037475	0.34	236	0.9	0.004	16.6	0.044	12.5	0.025	0.8	1.3	0.6	8	0.1	1.9	0.015	0.05	0.6	31	0.2	52
1037476	0.36	222	1	0.004	16.2	0.052	16.3	0.025	0.8	1.2	0.5	10	0.1	2	0.017	0.05	0.9	35	0.2	61
1037477	0.43	249	1.2	0.006	17.7	0.067	18.1	0.025	0.8	1.1	0.25	13	0.1	1.4	0.019	0.05	1.3	36	0.2	62
1037478	0.41	332	0.9	0.004	22.3	0.049	18	0.025	0.9	1.6	0.25	10	0.1	4.1	0.024	0.05	1.4	31	0.3	69
1037479	0.4	388	1.1	0.004	20.8	0.048	19.2	0.025	1.1	1.5	0.6	9	0.1	2.4	0.02	0.05	1.4	33	0.2	76
1037480	0.32	194	0.8	0.004	16.7	0.045	27.5	0.025	0.9	1	0.25	8	0.1	1.5	0.014	0.1	1.2	28	0.2	55
1037481	0.38	389	1.1	0.004	22.6	0.053	76.7	0.025	1	1.4	0.25	8	0.1	2.1	0.019	0.05	1	33	0.3	85
1037482	0.32	350	1.1	0.005	18.4	0.05	25.1	0.11	0.7	0.5	0.25	6	0.1	1	0.018	0.05	0.8	33	0.2	67
1037483	0.3	281	0.9	0.004	17.6	0.058	31.9	0.025	0.6	0.3	0.25	7	0.1	0.3	0.011	0.05	0.9	35	0.2	51
1037484	0.37	524	1	0.004	20.3	0.065	20.5	0.025	0.6	0.5	0.25	7	0.1	0.7	0.017	0.05	1	37	0.1	59
1037485	0.38	350	0.8	0.004	21	0.042	19.8	0.025	0.7	0.9	0.25	6	0.1	1.9	0.02	0.05	1	36	0.1	62
1037486	0.37	482	1	0.004	20.8	0.044	20.7	0.025	0.7	0.9	0.25	7	0.1	2.2	0.021	0.05	1.1	36	0.2	63
1037487	0.45	338	0.6	0.004	22.9	0.045	37.8	0.025	0.8	1.9	0.25	8	0.1	5.1	0.022	0.05	1.6	27	0.1	75
1037488	0.41	341	0.5	0.003	20.5	0.037	29.4	0.025	0.7	1.1	0.25	6	0.1	4.5	0.013	0.05	0.8	22	0.05	74
1037489	0.37	345	0.8	0.004	16.5	0.051	17.7	0.025	0.6	1.2	0.25	8	0.1	1.2	0.021	0.05	0.9	34	0.2	49
1037490	0.3	181	0.8	0.004	12.6	0.029	13.6	0.025	0.7	1.3	0.6	7	0.1	1.7	0.024	0.05	0.6	37	0.2	43
1037491	0.31	310	1.3	0.005	27.8	0.044	45.5	0.025	1.5	2.1	0.9	11	0.1	4.4	0.026	0.05	0.8	34	0.2	80
1037492	0.31	332	1.1	0.004	21	0.036	29.9	0.025	1.2	2	0.25	9	0.1	4.8	0.02	0.1	0.7	35	0.2	60
1037493	0.35	213	1	0.003	15	0.041	24.6	0.025	1.1	1.2	0.25	8	0.1	2.3	0.017	0.05	1.5	27	0.1	50
1037494	0.38	297	0.8	0.005	18.3	0.038	13	0.025	0.7	1	0.25	8	0.1	2.4	0.024	0.05	0.8	33	0.2	52
1037495	0.39	214	0.9	0.004	15.5	0.036	20.4	0.025	0.8	1.5	0.7	9	0.1	8.6	0.02	0.05	1.2	29	0.1	51
1037496	0.5	379	3.5	0.005	9.8	0.062	35.4	0.025	0.8	0.6	0.25	12	0.1	4.5	0.013	0.05	1.5	26	0.1	57
1037497	0.3	172	1	0.004	12.8	0.035	12.6	0.025	0.6	0.6	0.25	7	0.1	1.2	0.017	0.05	1	32	0.2	46
1037498	0.59	722	0.8	0.004	151.8	0.069	12	0.025	0.7	2.6	0.25	20	0.1	6	0.022	0.05	1.5	33	0.1	80
1037499	0.98	2577	1.1	0.004	347.8	0.083	15.8	0.025	0.8	4.5	0.25	29	0.1	2.1	0.018	0.1	1	65	0.1	84
1037500	1.36	984	0.9	0.004	235.4	0.069	20.9	0.025	0.9	4.8	0.25	39	0.1	6.9	0.016	0.05	1.9	59	0.1	85
1043388	0.67	600	3.9	0.043	40.6	0.077	52.6	0.33	24.1	4.8	2.9	56	0.1	10.5	0.068	0.6	3.2	46	0.3	90
1043389	0.46	779	1.2	0.007	41.5	0.078	22.3	0.05	3.8	2.4	0.6	13	0.1	4.2	0.047	0.2	2.7	46	0.4	94
1043390	0.25	630	0.9	0.005	61.4	0.065	21.5	0.025	39.8	4.3	0.25	28	0.1	11.8	0.008	0.5	3.8	24	0.2	94
1043391	0.4	308	1.3	0.011	23.9	0.063	21.9	0.14	10.1	2.3	1	11	0.1	6.4	0.044	0.4	2.1	39	0.2	56
1043392	0.43	495	1.1	0.01	56.9	0.055	15.2	0.1	8.3	2.8	0.25	17	0.1	7.6	0.047	0.3	2	38	0.4	94
1043393	0.37	598	1.3	0.006	50.5	0.066	16.5	0.025	6.2	2.5	0.5	12	0.1	6.5	0.035	0.2	2.1	35	0.3	93

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1043394	412098	7087637	8N	0.1	1.26	42	2.6	0.5	67	0.5	0.05	0.1	5.3	21	35	3.23	5	0.06	0.1	14
1043395	412098	7087586	8N	0.05	1.27	61.1	3.3	0.5	107	0.4	0.11	0.2	11.6	26	30.5	2.56	4	0.03	0.11	13
1043396	412098	7087536	8N	0.05	1.75	22.7	9	0.5	121	0.5	0.06	0.2	8.5	32	25.4	3.26	7	0.05	0.12	18
1043397	412098	7087486	8N	0.05	1.56	41.4	11.7	1	107	0.7	0.07	0.2	8.9	27	27.8	3.12	6	0.06	0.12	19
1043398	412099	7087436	8N	0.05	1.45	20.2	8.1	0.5	110	0.4	0.07	0.2	9.6	25	21.2	2.69	4	0.04	0.08	17
1043400	412099	7087385	8N	0.05	1.75	26.1	3.9	0.5	172	0.9	0.13	0.2	14.1	27	34.7	2.82	5	0.02	0.2	19
1043437	409999	7088035	8N	0.2	1.51	66.8	13.3	1	210	0.8	0.23	0.4	7.9	29	47.9	2.43	5	0.01	0.11	17
1043438	409998	7087988	8N	0.2	1.67	56.9	6	1	149	0.5	0.21	0.3	8.5	31	31.3	2.37	6	0.04	0.09	12
1043439	409998	7087935	8N	0.1	1.75	340.4	12.7	1	220	0.8	0.44	0.2	9.2	33	36.7	2.24	5	0.02	0.09	18
1043440	409999	7087886	8N	0.2	1.42	233.1	3	1	180	0.4	0.54	0.2	9.4	25	28	1.99	4	0.05	0.04	19
1043441	410000	7087838	8N	0.2	1.36	137.9	5.2	1	159	0.8	0.49	0.2	7.5	31	19.2	2.15	5	0.05	0.08	20
1043442	409998	7087786	8N	0.8	1.65	156	8.6	1	311	0.7	0.52	0.3	16.3	50	38.6	2.11	5	0.1	0.06	15
1043443	409999	7087737	8N	0.1	1.04	29.7	13.9	0.5	130	0.4	0.21	0.2	6.4	27	19.3	2.22	4	0.04	0.05	15
1043444	409999	7087686	8N	0.2	1.2	35.3	14.8	0.5	142	0.5	0.19	0.2	8.5	32	19.9	2.29	4	0.03	0.08	13
1043445	410000	7087637	8N	0.3	1.43	31.7	28.2	0.5	170	0.6	0.15	0.2	8.5	35	19.8	2.24	5	0.03	0.07	13
1043446	409999	7087587	8N	0.1	1.35	23	7.2	0.5	132	0.6	0.17	0.2	11.3	28	20.2	2.51	4	0.05	0.08	14
1043447	409998	7087537	8N	0.4	1.79	27	18.7	0.5	212	1	0.17	0.3	12.3	35	24.2	2.66	6	0.05	0.12	14
1043448	409998	7087485	8N	0.4	2.01	29.6	5.3	0.5	268	1.4	0.19	0.3	13.9	37	28.2	2.84	7	0.05	0.14	15
1043449	409998	7087436	8N	0.2	1.97	17.9	8	0.5	290	1.2	0.11	0.2	9.8	33	26.4	2.63	6	0.03	0.19	16
1046041	409201	7087986	8N	0.05	1.39	19.9	2.3	2	232	0.4	0.3	0.2	10.2	29	20.2	2.52	5	0.03	0.12	25
1046042	409199	7087939	8N	0.1	1.24	16.2	2.2	3	248	0.3	0.27	0.3	7.4	27	17.4	2.22	4	0.03	0.09	23
1046044	409197	7087886	8N	0.05	1.21	14.8	13.3	0.5	182	0.2	0.21	0.2	8.3	21	17.6	2	3	0.03	0.07	20
1046045	409194	7087836	8N	0.2	1.25	15.7	3.7	0.5	259	0.3	0.25	0.2	7.3	26	21.4	2.1	4	0.02	0.08	19
1046046	409200	7087788	8N	0.1	1.47	25.1	3.3	2	197	0.4	0.2	0.2	6.5	27	19	2.19	5	0.02	0.08	19
1046047	409200	7087738	8N	0.2	1.41	28.9	6.6	1	292	0.4	0.29	0.2	8.1	31	23	2.42	5	0.02	0.11	23
1046048	409197	7087687	8N	0.2	1.25	22.7	58.1	0.5	214	0.4	0.21	0.2	6.4	25	19.9	2.07	4	0.03	0.07	15
1046049	409197	7087637	8N	0.3	1.46	30.6	7.9	0.5	507	0.4	0.33	0.3	8.3	34	33	2.54	5	0.02	0.11	15
1046050	409197	7087587	8N	0.3	1.64	40.3	4.8	2	383	0.4	0.23	0.2	9.6	32	27.5	2.56	5	0.03	0.08	16
1046488	409598	7088237	8N	0.3	2.39	43.5	1.4	5	235	0.5	1.94	0.3	10	29	32.7	2.54	7	0.06	0.08	14
1046489	409600	7088186	8N	0.2	1.65	23.4	4.6	5	127	0.4	3.23	0.4	9.8	19	42.6	1.46	5	0.04	0.08	7
1046491	409599	7087936	8N	0.2	1.28	18.8	14.4	1	279	0.4	0.68	0.3	7.1	25	17	1.83	4	0.05	0.06	23
1046492	409598	7087886	8N	0.1	0.96	16.1	4.4	3	343	0.3	1.12	0.6	6.2	20	17.1	1.56	3	0.07	0.06	21
1046493	409599	7087836	8N	0.2	1.1	18.2	25.3	2	270	0.3	0.54	0.5	7.4	24	20.1	1.86	4	0.04	0.09	21
1046494	409597	7087788	8N	0.05	1.01	16.1	19	0.5	189	0.3	0.43	0.3	6.5	19	15.9	1.69	4	0.02	0.06	15
1046495	409599	7087736	8N	0.05	0.98	14.8	15.3	0.5	179	0.2	0.51	0.3	6.6	19	16.9	1.65	3	0.03	0.04	13
1046496	409599	7087688	8N	0.05	1.18	16	2.3	1	147	0.3	0.43	0.2	7.3	19	16.5	1.92	4	0.03	0.04	13
1046497	409600	7087638	8N	0.1	1.38	19.2	4.7	1	215	0.2	0.56	0.2	8.6	22	20.1	2.05	4	0.03	0.04	12
1046498	409599	7087586	8N	0.2	1.26	61.1	5.9	3	209	0.5	1.66	0.3	7.9	28	31.1	1.69	4	0.05	0.05	10
1046499	409599	7087536	8N	0.2	1.58	73.8	15.3	3	194	0.6	1.35	0.3	9.4	23	33	2.14	5	0.04	0.06	11
1047385	411599	7088536	8N	0.6	1.45	890.2	13.4	1	310	4.4	0.48	0.3	11.9	29	150.5	2.86	5	0.02	0.14	39
1047386	411599	7088586	8N	1.4	1.74	1542.9	28.7	3	241	9.1	0.39	0.4	21.1	35	471	4.26	6	0.03	0.3	68
1047387	411598	7088637	8N	1.3	1.65	1497.9	29.6	0.5	232	9.6	0.41	0.3	18.3	35	440.3	4.43	6	0.02	0.3	69
1047388	411598	7088686	8N	4.7	1.86	3816.3	129.6	2	227	44.7	0.56	2	19.3	34	342.3	4.49	6	0.04	0.18	61
1047389	411598	7088737	8N	0.8	2.09	1851.1	80.1	1	407	17.6	0.47	1.8	13.7	32	245.3	3.19	7	0.03	0.14	64
1047390	411599	7088786	8N	0.7	0.38	1546.6	57.1	4	134	12.6	0.54	0.5	12.8	6	117.1	3.16	0.5	0.04	0.1	35
1047391	411598	7088484	8N	0.5	1.59	345.2	6	3	206	2.3	0.38	0.2	9.2	38	112.6	2.73	5	0.04	0.14	29

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1043394	0.29	184	1.2	0.006	16.9	0.041	10.9	0.025	1.4	1.6	0.25	9	0.1	2.3	0.044	0.3	1	45	0.3	46
1043395	0.46	357	1.1	0.008	24.4	0.04	9.9	0.025	1.9	2.2	0.25	16	0.1	4.1	0.062	0.2	1.1	41	0.3	62
1043396	0.41	394	1.6	0.007	24.5	0.042	16.8	0.025	1	2	0.7	12	0.1	3.8	0.067	0.3	1.1	55	0.3	76
1043397	0.36	383	1.4	0.007	21.9	0.052	12.2	0.06	1.1	1.8	0.25	12	0.1	3	0.058	0.3	1.2	56	0.3	67
1043398	0.4	324	1	0.006	22.4	0.033	10.4	0.025	0.7	2	0.25	11	0.1	3.9	0.055	0.2	0.9	42	0.4	62
1043400	0.51	326	1.2	0.008	30.7	0.049	10.8	0.025	0.8	2.7	0.25	24	0.1	6.5	0.074	0.3	1.6	44	0.5	66
1043437	0.65	243	1.5	0.006	22.7	0.081	8.5	0.025	2.5	2.6	0.25	19	0.1	4.7	0.059	0.2	1.6	51	1.2	74
1043438	0.68	313	2.7	0.007	19.1	0.074	10.3	0.06	1.4	2.1	0.6	19	0.1	1.2	0.051	0.1	1.9	65	0.5	84
1043439	0.64	458	1.4	0.012	24.4	0.083	9.4	0.025	2.1	2.6	0.25	30	0.1	3	0.045	0.2	5	54	0.9	82
1043440	0.46	363	1	0.012	18	0.065	8.8	0.025	1.8	2.2	0.25	32	0.1	2.6	0.029	0.1	9.3	36	1.2	62
1043441	0.46	237	1.3	0.006	17.1	0.067	10.1	0.025	2.6	2.4	0.25	28	0.1	3.2	0.044	0.2	5.8	39	1.1	60
1043442	0.26	1431	1.7	0.007	27.1	0.126	13.3	0.05	1.3	1.9	1	39	0.1	0.9	0.015	0.3	5.4	35	0.9	51
1043443	0.34	233	0.8	0.004	18.9	0.077	8	0.025	0.9	2	0.25	14	0.1	2.9	0.04	0.1	1	41	0.8	56
1043444	0.41	313	0.9	0.005	21.3	0.068	9.4	0.025	1.1	2.2	0.25	16	0.1	3	0.047	0.1	0.9	39	0.4	62
1043445	0.43	358	1.1	0.005	20.7	0.069	9.5	0.025	1	2.2	0.25	15	0.1	1.5	0.04	0.2	1.1	41	0.4	58
1043446	0.43	399	0.9	0.004	21.2	0.069	9.5	0.025	1	2.3	0.25	14	0.1	3.5	0.048	0.2	0.9	39	0.5	64
1043447	0.5	456	1.1	0.006	25.2	0.069	9.6	0.025	1	3.1	0.25	18	0.1	2.8	0.052	0.2	1.2	45	0.4	77
1043448	0.55	516	1.1	0.007	30	0.068	9.7	0.025	1.2	3.7	0.6	20	0.1	3.1	0.061	0.2	1.2	48	0.4	83
1043449	0.53	290	0.8	0.005	27.4	0.049	8.9	0.025	1.4	3.5	0.25	12	0.1	5.7	0.066	0.3	1.1	43	0.4	64
1046041	0.57	424	1	0.01	19.8	0.088	10.8	0.025	1.5	2.5	0.25	27	0.1	8.7	0.087	0.2	2.6	48	1.2	74
1046042	0.49	349	1	0.008	17.6	0.075	8.9	0.025	1.4	2.4	0.25	24	0.1	6.7	0.072	0.2	2.7	47	0.7	65
1046044	0.41	311	1	0.006	16.9	0.072	8.8	0.025	1.1	2.5	0.9	18	0.1	4.4	0.044	0.2	2.2	36	0.5	58
1046045	0.46	257	1.2	0.007	18.5	0.079	9.2	0.025	1.2	3.3	0.25	23	0.1	4.8	0.057	0.2	2.8	42	0.5	65
1046046	0.46	196	1.1	0.007	17.1	0.076	9.1	0.025	1.6	2	0.25	21	0.1	2.9	0.053	0.2	2.9	44	0.6	61
1046047	0.54	289	1.2	0.011	19.1	0.087	10.1	0.025	1.8	3.2	0.25	28	0.1	7.5	0.08	0.3	3.5	50	0.6	70
1046048	0.42	218	1.1	0.006	15.9	0.069	9.5	0.025	1.6	2.8	0.7	20	0.1	3.5	0.05	0.2	1.5	42	0.4	60
1046049	0.64	262	1.8	0.014	21.5	0.085	16.8	0.025	5.8	4.2	0.6	55	0.1	5	0.078	0.3	1.6	60	0.3	77
1046050	0.56	247	1.6	0.008	24.4	0.08	12.4	0.025	3.1	2.5	0.25	32	0.1	1.7	0.043	0.2	1.3	57	0.3	75
1046488	1.22	343	0.5	0.066	21.8	0.06	12.3	0.025	0.9	3	1.2	92	0.1	3.3	0.058	0.2	1.9	34	0.6	52
1046489	0.78	271	0.6	0.044	17.6	0.037	11	0.06	1.3	1.5	0.6	85	0.1	1.6	0.044	0.2	0.6	24	0.2	41
1046491	0.43	347	1.5	0.011	17.7	0.074	7.8	0.025	1.1	2.3	0.25	33	0.1	3.9	0.039	0.2	4.7	37	0.5	66
1046492	0.32	438	0.8	0.011	15.1	0.074	7.7	0.025	0.8	1.6	0.25	47	0.1	2.7	0.033	0.2	4	31	0.5	57
1046493	0.41	350	1	0.015	18.5	0.08	8.2	0.025	1.1	2.5	0.25	31	0.1	5.8	0.052	0.2	2.4	39	0.9	61
1046494	0.36	303	0.5	0.009	15.7	0.069	7.5	0.025	0.9	1.8	0.25	25	0.1	4.2	0.038	0.1	1.1	32	0.5	55
1046495	0.35	279	0.4	0.014	16.4	0.064	7	0.025	1	1.8	0.25	29	0.1	3.1	0.031	0.1	1.1	30	0.6	46
1046496	0.37	318	0.5	0.009	17.2	0.059	7.9	0.025	0.8	1.9	0.25	22	0.1	2.6	0.023	0.1	0.9	32	0.6	52
1046497	0.43	248	0.5	0.021	19.3	0.058	9.7	0.025	1.3	2.4	0.25	36	0.1	2.9	0.025	0.1	0.9	35	0.3	47
1046498	0.47	382	0.4	0.04	17.5	0.068	8.7	0.1	1.6	2	0.6	82	0.1	1.7	0.029	0.1	0.9	31	0.4	55
1046499	0.56	330	0.6	0.05	20.7	0.066	10.5	0.06	1.6	2.1	0.25	85	0.1	2.2	0.03	0.1	0.9	35	0.3	64
1047385	0.55	643	1.2	0.005	18.1	0.093	13.5	0.16	129.2	5	0.25	52	0.1	16	0.049	0.4	8.5	43	1.8	59
1047386	0.54	518	2.6	0.022	13.1	0.116	18.1	0.29	50.1	6.5	3.2	80	0.1	26.5	0.047	0.5	22	45	5.2	55
1047387	0.5	490	2.2	0.018	13.8	0.126	16.2	0.25	41.1	6.9	3.6	83	0.1	27.4	0.049	0.5	20.8	47	3.9	52
1047388	0.75	625	2.4	0.005	21.2	0.107	129.2	0.025	37.6	6.1	1.7	77	0.6	22.4	0.044	0.4	28.6	47	2.4	93
1047389	0.75	1492	1	0.006	22.2	0.093	45	0.025	80.9	5.2	0.25	57	0.5	18	0.026	0.3	8.4	42	5.1	118
1047390	0.06	671	1.6	0.002	11.8	0.084	45	0.24	318.3	5.8	0.6	23	0.2	18.8	5E-04	0.5	6.6	9	1	54
1047391	0.62	372	1.6	0.007	20.6	0.091	10.1	0.025	10.7	4.5	0.8	38	0.1	12.1	0.08	0.3	6.5	54	1.7	64

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1047392	411598	7088436	8N	1.6	1.2	275.6	7.4	2	183	5.5	0.42	0.7	7.1	29	179	3.32	4	0.03	0.07	23
1047393	411598	7088386	8N	0.1	1.17	58.9	4.7	3	81	0.6	0.19	0.1	5.8	26	43.3	2.05	4	0.05	0.06	15
1047394	411599	7088336	8N	0.05	1.44	15.8	2.1	0.5	64	0.7	0.07	0.1	7.2	24	17.7	2.48	4	0.06	0.05	12
1047395	411599	7088286	8N	0.2	1.46	273.5	18.9	3	157	1.7	0.15	0.2	9.6	32	69.9	2.63	5	0.03	0.09	22
1047397	411599	7088235	8N	0.1	1.75	137.7	29.3	1	184	0.8	0.18	0.2	8.9	32	42	2.67	5	0.04	0.07	28
1047398	411599	7088186	8N	0.3	1.58	110.7	8.8	2	137	1.2	0.14	0.1	10.1	32	48.4	2.6	5	0.05	0.11	17
1047399	411599	7088135	8N	0.1	1.3	40.7	1.7	1	70	0.4	0.06	0.2	6	26	24.2	2.37	5	0.06	0.07	14
1047400	411598	7088086	8N	0.2	1.44	45.1	6.4	1	142	0.7	0.1	0.4	10.8	29	52.8	2.96	4	0.04	0.08	20
1047401	411599	7088036	8N	0.2	1.77	103.4	11.2	2	170	0.5	0.09	0.3	11.3	37	54.5	3.29	6	0.05	0.1	17
1047402	411599	7087987	8N	0.2	1.42	151.9	9.6	0.5	128	0.6	0.11	0.3	10.5	73	61.8	2.66	4	0.04	0.16	17
1047403	411599	7087937	8N	0.1	1.54	88.6	9.4	2	116	1	0.09	0.2	9.1	33	55.5	2.65	5	0.04	0.08	17
1047404	411599	7087886	8N	0.3	1.43	83	7.8	2	183	0.8	0.11	0.3	9.8	36	60.2	2.93	5	0.05	0.09	20
1047405	411599	7087836	8N	0.4	1.38	61.2	4.1	2	117	0.7	0.07	0.2	5.9	22	37.5	2.95	5	0.08	0.07	13
1047406	411599	7087786	8N	0.3	2.64	59.3	33.8	2	282	1.6	0.43	0.2	14	52	63.9	3.19	7	0.03	0.39	27
1047407	411598	7087737	8N	0.05	1.65	21.6	4.4	3	93	0.3	0.07	0.1	9.3	28	21.4	2.96	5	0.04	0.05	15
1047409	411599	7087686	8N	0.2	1.78	46.5	6.9	0.5	175	0.4	0.09	0.2	14.1	32	38.7	3.07	5	0.05	0.11	19
1047410	411599	7087636	8N	0.1	1.26	99	19.3	0.5	147	1.5	0.18	0.2	10.7	27	37.8	2.44	4	0.04	0.09	20
1047411	411599	7087586	8N	0.2	1.25	47.8	12.5	2	158	0.5	0.15	0.3	9.8	28	33.9	2.78	4	0.05	0.11	22
1047412	411599	7087537	8N	0.3	1.61	84.1	8.3	2	256	0.8	0.14	0.2	10.1	26	68.9	3.09	5	0.03	0.16	19
1047413	411599	7087487	8N	0.5	1.54	70.8	3	2	138	0.6	0.06	0.1	6.2	26	28.2	2.72	6	0.07	0.09	14
1047414	411598	7087436	8N	0.2	1.2	50.2	7.2	0.5	146	0.4	0.14	0.3	10.1	26	39.2	2.8	4	0.04	0.1	17
1047415	411598	7087386	8N	0.2	1.27	43.8	4.7	0.5	140	0.5	0.13	0.3	9.2	26	37.3	2.56	4	0.04	0.1	18
1047416	411598	7087336	8N	0.1	1.28	37.8	13.1	0.5	122	0.3	0.11	0.2	8.9	26	28.7	2.46	4	0.04	0.08	18
1047417	411599	7087286	8N	0.2	1.44	52	3.6	0.5	128	0.5	0.09	0.1	7.6	25	26.5	2.53	5	0.04	0.07	15
1047418	410499	7088037	8N	0.05	1.15	86	2.6	0.5	134	0.7	0.18	0.2	6.7	26	18.4	2.26	4	0.03	0.08	18
1047419	410499	7087987	8N	0.2	0.74	107.9	2.1	1	97	1	0.14	0.2	3.8	17	11.8	1.51	4	0.04	0.05	12
1047420	410499	7087936	8N	0.2	0.94	139.7	1.6	1	162	1.3	0.2	0.1	4.9	22	15.1	1.89	5	0.03	0.07	18
1047421	410499	7087887	8N	0.3	1.53	187.3	3.6	2	125	1.6	0.11	0.3	10.7	29	14.6	2.73	6	0.06	0.08	17
1047422	410499	7087837	8N	0.2	1.32	370	6.6	0.5	212	1.8	0.2	0.2	7.5	27	25.6	2.37	5	0.03	0.07	23
1047423	410499	7087787	8N	0.1	1.13	171.3	5.2	2	138	1.6	0.21	0.3	8.2	26	22	2.2	4	0.02	0.06	21
1047424	410499	7087737	8N	0.2	1.23	275	5.1	0.5	173	1	0.19	0.2	8.4	25	19.9	1.88	4	0.03	0.05	20
1047425	410499	7087687	8N	0.2	1.6	80.7	6.5	2	191	1.1	0.22	0.1	7.5	34	19.3	2.25	5	0.03	0.08	23
1047426	410499	7087637	8N	0.4	1.53	146.3	11.1	1	270	1.2	0.35	0.1	12.3	34	26	3.12	5	0.06	0.07	31
1047427	409899	7088037	8N	0.3	1.78	30.8	4.9	3	248	0.5	1.31	0.4	9.2	32	66.9	2.1	5	0.06	0.07	17
1047428	409898	7087986	8N	0.3	1.61	47.4	3.6	2	320	0.7	0.74	0.5	11.4	35	36.4	2.57	5	0.05	0.08	19
1047429	409898	7087937	8N	0.2	1.58	119.2	4.4	3	322	0.7	0.84	0.9	8.1	30	33.5	2.17	5	0.04	0.07	19
1047430	410499	7087287	8N	0.2	1.66	60	7.6	1	175	0.7	0.16	0.1	8.2	36	21.2	2.54	6	0.04	0.06	21
1047431	410498	7087336	8N	0.2	1.5	58.1	5.7	1	169	0.8	0.19	0.1	8.3	31	18.2	2.42	5	0.03	0.06	18
1047432	410499	7087386	8N	0.2	1.79	88.3	16.2	1	298	1.1	0.41	0.5	9.3	35	23	2.44	6	0.04	0.09	38
1047433	410499	7087436	8N	0.1	1.22	76.1	14.5	1	166	0.8	0.28	0.2	8.7	31	23.7	2.25	4	0.02	0.11	26
1047434	410499	7087486	8N	0.1	1.38	54.4	29.9	0.5	259	0.6	0.38	0.2	9.6	34	24.1	2.38	5	0.03	0.17	33
1047435	410498	7087536	8N	0.2	1.43	46.2	8.4	2	131	0.7	0.24	0.2	8.8	34	21.1	2.08	5	0.03	0.1	25
1047436	410499	7087587	8N	0.3	1.44	67.6	20.1	1	167	1	0.25	0.2	8.4	34	26.3	2.22	5	0.03	0.1	30
1047437	409899	7087887	8N	0.2	1.57	117.4	5.8	2	168	1.3	0.17	0.4	8.9	33	18.9	2.46	5	0.04	0.08	25
1047438	409899	7087836	8N	0.1	1.35	18.4	5.2	0.5	152	0.3	0.15	0.05	5.1	27	13	1.63	4	0.04	0.04	15
1047439	409899	7087787	8N	0.2	1.39	75.8	6.2	1	170	0.3	0.22	0.05	6.7	28	18.7	2.19	4	0.02	0.05	17

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1047392	0.4	555	1.4	0.005	18.4	0.119	16.2	0.025	45.3	4.5	0.25	30	0.1	8.8	0.044	0.2	4.6	44	1.4	61
1047393	0.39	149	0.9	0.005	15.9	0.06	7	0.025	1.3	1.7	0.25	13	0.1	2.8	0.048	0.2	1.5	42	1.7	48
1047394	0.31	260	1	0.004	15.6	0.029	11.9	0.025	1	1.6	0.5	7	0.1	5.1	0.048	0.2	0.9	39	1	44
1047395	0.48	399	1.4	0.005	20.5	0.053	11.7	0.025	7	2.6	0.25	22	0.1	6.9	0.061	0.2	3	55	2.2	66
1047397	0.51	346	1	0.005	18.4	0.062	11.7	0.025	12.4	2.7	0.25	17	0.1	9.4	0.053	0.3	4.3	51	1.2	55
1047398	0.48	529	1.3	0.006	18.6	0.066	11	0.025	9.1	2.6	0.25	15	0.1	4	0.053	0.3	3.3	46	1.4	58
1047399	0.25	287	1.5	0.008	14.3	0.054	11.1	0.025	16.6	0.9	0.25	8	0.1	0.6	0.024	0.2	1.1	50	0.5	49
1047400	0.37	323	1.2	0.005	27.4	0.054	12.9	0.025	98.8	2.2	0.25	12	0.1	2.4	0.034	0.2	2.2	46	0.7	66
1047401	0.44	372	1.3	0.006	33.5	0.062	12.6	0.025	19	2.5	0.7	14	0.1	1.6	0.033	0.3	2.1	50	0.7	68
1047402	0.53	290	1	0.005	47.9	0.056	9.7	0.025	35	2.9	0.25	12	0.1	6	0.056	0.3	1.9	41	0.9	60
1047403	0.39	289	1.3	0.007	30.1	0.058	10	0.025	7.7	2.2	0.25	11	0.1	3.2	0.048	0.2	2.1	44	1.1	57
1047404	0.41	250	1.2	0.005	31.7	0.057	12.2	0.025	10.9	2.5	0.6	14	0.1	4.5	0.042	0.3	2.1	45	0.7	61
1047405	0.17	161	1.5	0.005	22.1	0.077	14.2	0.025	10.5	1.4	1	9	0.1	0.8	0.013	0.3	1.8	43	0.5	44
1047406	0.96	649	0.6	0.007	24.1	0.106	14.8	0.025	6.6	6.3	0.6	61	0.1	8.5	0.089	0.5	2.4	59	1.4	67
1047407	0.33	258	1.3	0.004	20.8	0.026	13.8	0.025	2.1	2.2	0.25	9	0.1	5	0.042	0.2	0.8	53	0.4	48
1047409	0.46	406	1.3	0.005	32.2	0.049	15.5	0.025	4.4	2.4	0.25	18	0.1	2.9	0.039	0.2	1.6	50	0.5	59
1047410	0.4	333	0.9	0.005	21.9	0.065	11.5	0.025	3.4	2.7	0.25	17	0.1	6.9	0.044	0.2	1.7	43	0.7	54
1047411	0.4	326	1	0.006	23.7	0.06	12	0.025	4.6	3.2	0.25	14	0.1	6.2	0.046	0.2	1.8	41	0.7	63
1047412	0.5	264	1	0.005	25.4	0.06	13.2	0.025	8.7	4.9	0.25	13	0.1	6.1	0.05	0.3	2.3	50	1.3	57
1047413	0.22	152	1.7	0.005	21.2	0.058	16.9	0.025	5.3	1.6	0.25	8	0.1	1.4	0.019	0.2	1.3	45	0.6	38
1047414	0.39	293	1	0.005	27.4	0.058	11.2	0.025	4.3	2.6	0.8	14	0.1	5.6	0.044	0.2	1.4	42	0.4	57
1047415	0.34	279	1.3	0.005	24.9	0.059	11.9	0.025	3.3	2.4	0.25	15	0.1	4.1	0.042	0.2	1.6	43	0.5	53
1047416	0.34	291	1.1	0.005	21.8	0.053	10.7	0.025	2.3	2.4	0.25	12	0.1	3.2	0.041	0.2	1.5	42	0.6	59
1047417	0.37	301	1.2	0.005	18.7	0.054	11.4	0.025	2.1	1.6	0.25	12	0.1	1.2	0.027	0.2	1.6	41	0.4	51
1047418	0.43	282	1.7	0.006	16.2	0.056	9.8	0.025	1.6	2.2	0.25	15	0.1	5.1	0.059	0.2	2.5	47	1.6	56
1047419	0.26	134	1.4	0.006	9.1	0.04	9	0.025	1.3	1.2	0.25	14	0.1	2.4	0.054	0.1	1.5	40	1	40
1047420	0.33	210	1.9	0.006	11.3	0.043	10.7	0.025	1.7	1.7	0.25	19	0.1	3.3	0.064	0.2	2.1	50	1	45
1047421	0.37	421	2.3	0.005	13.4	0.046	14.7	0.025	1.7	2.4	0.25	12	0.1	6.1	0.072	0.3	2.1	60	1.4	57
1047422	0.39	318	2.2	0.006	14.3	0.051	14.6	0.025	1.8	2.2	0.25	19	0.1	3.5	0.043	0.2	4.8	51	0.8	54
1047423	0.41	319	1.5	0.005	17.6	0.07	10.8	0.025	2	2.2	0.25	17	0.1	5.7	0.046	0.2	3.8	44	0.9	54
1047424	0.38	311	2.2	0.005	12.9	0.059	11.4	0.025	2.3	1.8	0.25	17	0.1	2.3	0.035	0.2	5.2	44	0.7	50
1047425	0.51	200	1.6	0.007	17.3	0.063	12.8	0.025	3.1	2.8	0.25	25	0.1	3.9	0.051	0.3	7	48	0.9	62
1047426	0.44	1310	2.8	0.007	18.4	0.095	17.7	0.08	3.6	3.7	0.25	33	0.1	4.3	0.041	0.4	11.4	51	0.6	57
1047427	0.78	393	0.9	0.045	26.2	0.075	11.1	0.025	2.7	3.6	1.2	71	0.1	3.4	0.067	0.2	4	74	0.3	79
1047428	0.64	266	1.6	0.021	27.2	0.087	13.9	0.025	3.9	3.7	0.7	41	0.1	4.4	0.057	0.1	2.1	59	0.4	97
1047429	0.55	322	1.8	0.014	22.7	0.08	11	0.05	3.2	2.7	1.1	39	0.1	1.7	0.051	0.2	5.8	50	0.5	105
1047430	0.48	423	1.3	0.006	19.6	0.061	13.6	0.025	2.4	2.7	0.25	18	0.1	2.1	0.042	0.2	4.2	53	1	59
1047431	0.46	429	1.3	0.006	17.2	0.061	13.6	0.025	2.5	2.3	0.25	21	0.1	1.8	0.035	0.2	4.1	51	0.7	57
1047432	0.57	623	0.9	0.008	15	0.083	15.2	0.05	2.9	3.7	0.25	60	0.1	5.7	0.05	0.3	7	49	0.5	66
1047433	0.5	372	1	0.007	20.2	0.078	10.1	0.025	3.1	2.9	0.25	23	0.1	9	0.081	0.2	4.1	47	1	59
1047434	0.6	420	0.7	0.009	18.9	0.092	12	0.025	2	3.4	0.25	46	0.1	15.2	0.097	0.4	5.6	50	3.5	68
1047435	0.51	203	1.1	0.007	16.2	0.068	10.9	0.025	3.4	3.2	0.25	21	0.1	8.1	0.076	0.2	6.6	44	0.7	62
1047436	0.52	205	1.1	0.006	17.2	0.079	13.2	0.025	3	4.2	0.25	21	0.1	9.7	0.057	0.3	10.7	51	0.6	59
1047437	0.48	278	1.7	0.007	17.6	0.064	12.1	0.025	3.1	2.6	0.6	21	0.1	4.2	0.056	0.3	4.8	43	1	59
1047438	0.42	126	1	0.006	15.1	0.059	9.5	0.025	0.8	1.5	0.8	14	0.1	0.9	0.023	0.2	1.8	36	0.4	48
1047439	0.46	351	2	0.007	17.2	0.077	8.8	0.025	0.9	2.2	0.8	19	0.1	1.6	0.032	0.2	1.7	42	0.4	58

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1047440	409899	7087736	8N	0.3	1.24	62.3	8.8	0.5	158	0.3	0.23	0.2	7.8	29	25	2.17	4	0.03	0.06	20
1047441	409898	7087687	8N	0.05	0.94	26.5	3.1	2	127	0.3	0.22	0.4	8.1	23	26	2.11	3	0.02	0.07	15
1047442	409898	7088786	8N	0.1	1.93	11.4	1.5	4	273	0.3	1.39	0.6	8.7	23	15.6	2.07	5	0.04	0.05	16
1047443	409898	7088737	8N	0.1	1.54	24	6.1	1	220	0.7	0.26	0.3	8.9	25	20	2.42	5	0.04	0.05	15
1047444	409898	7088687	8N	0.2	1.94	27.3	4.9	3	255	0.4	2.06	0.5	8.9	29	32.2	2.06	6	0.05	0.05	18
1047445	409898	7088638	8N	0.2	1.87	14.6	11.5	2	312	0.3	0.91	0.3	9.9	30	29.6	2.31	5	0.04	0.08	20
1047446	409899	7088587	8N	0.3	1.96	39.5	9.9	3	333	1.3	0.7	0.6	9.7	34	45.2	2.55	6	0.04	0.09	19
1047447	409899	7088538	8N	0.3	1.73	50.4	12.1	2	313	1.9	0.5	0.3	9	31	63.1	2.08	5	0.05	0.08	21
1047448	409899	7088488	8N	0.5	1.64	30.7	7.3	3	214	1	0.78	1.6	8.7	25	34.5	1.99	5	0.04	0.05	23
1047449	409899	7088438	8N	0.2	1.87	17.3	2.8	3	300	0.2	1.02	0.3	8.3	28	29.7	2.35	5	0.03	0.05	21
1047450	409898	7088387	8N	0.2	1.94	12.2	3.6	2	223	0.2	1.19	0.5	9	26	23.6	2.16	5	0.03	0.06	18
1047451	409898	7088337	8N	0.3	2.13	96.4	12.1	3	207	0.3	0.99	0.2	9.2	32	24.9	2.63	6	0.05	0.06	20
1047452	409898	7088287	8N	0.1	1.55	9.1	2.5	3	167	0.2	1.98	0.3	7.5	19	16	1.62	4	0.05	0.04	14
1047453	409899	7088237	8N	1.8	1.68	118.8	7.8	3	273	8.1	1.87	0.4	11.1	24	464.1	2.18	5	0.05	0.06	21
1047454	409899	7088187	8N	0.2	1.92	26.4	5.4	3	286	0.6	4.18	0.4	7.3	28	43	1.91	6	0.04	0.07	18
1047455	409899	7088138	8N	0.5	1.97	34.2	6.4	3	204	1.4	1.8	0.5	9.3	30	104.1	2.26	6	0.04	0.1	16
1047456	409898	7088087	8N	0.6	1.74	21.9	8.6	5	209	1	2.54	0.5	6.4	31	138.1	1.65	5	0.07	0.08	12
1047457	410399	7088086	8N	0.3	1.4	203.6	1.4	0.5	172	1.1	0.18	0.2	9.1	28	29.2	2.49	5	0.04	0.06	28
1047458	410400	7088136	8N	0.1	1.29	93.3	0.25	0.5	135	0.5	0.17	0.05	6.8	25	17.6	2.24	5	0.03	0.06	20
1047459	410398	7088186	8N	0.05	1.03	59.2	6.8	0.5	130	0.4	0.15	0.2	7.7	20	35.1	1.95	3	0.01	0.06	20
1047460	410398	7088236	8N	0.2	1.23	211.5	3.6	0.5	126	0.9	0.12	0.05	6.3	25	23.6	2.16	5	0.03	0.06	19
1047461	410400	7088285	8N	0.2	0.88	178.9	3.7	0.5	109	0.9	0.22	0.3	7.1	21	26.8	1.88	3	0.02	0.06	20
1047462	410400	7088336	8N	0.1	1.15	215.5	4.1	2	141	1.5	0.19	0.2	7.4	22	36.8	2	3	0.01	0.06	22
1047463	410397	7088386	8N	0.4	1.16	192.2	8.7	0.5	221	2.9	0.29	0.3	8.4	26	60.9	2.14	4	0.03	0.09	25
1047464	410398	7088435	8N	0.2	1.31	31.7	3.1	0.5	163	1	0.19	0.1	7.5	27	40.5	2.01	4	0.03	0.07	25
1047465	410399	7088486	8N	0.5	1.33	190	5.4	0.5	152	1.8	0.16	0.05	6.8	27	102.7	2.42	5	0.03	0.06	22
1047466	410399	7088536	8N	0.9	1.36	180.5	5.9	0.5	193	3.8	0.25	0.6	9.6	31	98.5	3.62	4	0.08	0.07	33
1047467	410398	7088586	8N	0.7	1.6	553.6	137.2	0.5	306	6.9	0.56	0.3	8.3	28	128.5	2.8	6	0.05	0.07	17
1047468	410399	7088636	8N	2	1.49	457.3	391.3	2	401	18.3	0.6	0.6	7.3	25	200.1	2.31	4	0.04	0.07	23
1047469	410398	7088687	8N	1.7	1.53	484	1021.7	1	307	36.9	0.61	0.4	7.2	30	171.9	2.48	5	0.05	0.09	19
1047470	410398	7088737	8N	0.6	1.32	251	624.5	0.5	208	21.1	0.38	0.4	7	28	77.8	2.16	4	0.02	0.09	21
1047471	410398	7088785	8N	0.1	1.24	504.4	12.6	0.5	133	2.1	0.22	0.2	9.1	29	37	2.24	4	0.02	0.07	20
1047475	410299	7088235	8N	0.2	1.32	167	4	1	120	1.3	0.18	0.2	5.5	23	27.2	2.05	5	0.04	0.05	16
1047476	410299	7088184	8N	0.1	1.53	252.7	5.9	1	149	1.2	0.21	0.2	7.2	28	22	2.23	5	0.03	0.09	20
1047477	410299	7088136	8N	0.2	1.33	324.3	4	2	145	1.2	0.4	0.2	7.3	31	49.1	2.29	5	0.02	0.13	28
1047479	412197	7088838	8N	0.2	1.67	35	3	1	133	0.9	0.06	0.2	12	24	47.2	3.79	5	0.03	0.23	23
1047480	412199	7088886	8N	0.05	1.17	132.2	11.7	1	71	3.9	0.07	0.2	14.3	22	28.7	2.69	3	0.04	0.06	19
1047481	412195	7088937	8N	0.05	2.53	508.2	5.8	1	173	7.6	0.15	0.2	33	162	58.5	3.35	6	0.06	0.14	11
1047482	412196	7088986	8N	0.4	0.6	1485.2	22	2	81	15	0.31	0.3	32	11	69	3.62	1	0.02	0.09	36
1047483	412197	7089037	8N	2.1	0.98	3357.2	62.4	3	234	52.1	0.2	0.3	6.7	23	167.8	5.24	3	0.07	0.33	42
1047484	412199	7089086	8N	0.3	2.33	151.6	149.5	11	99	14.8	11.1	0.5	13.4	16	44.3	3.1	6	0.02	0.08	17
1047485	412195	7089138	8N	0.3	2.05	72.7	11.1	4	272	3.3	1.46	0.7	7.5	16	34	3.15	7	0.04	0.06	53
1047486	412197	7089191	8N	0.7	1.7	100.2	26.1	5	396	5.3	1.99	1	11.9	18	155.3	5.01	5	0.1	0.08	53
1047487	412200	7089237	8N	0.6	2.14	17.5	69.6	22	109	15.2	4.13	1.4	5.9	19	26	1.08	5	0.05	0.07	18
1047488	412197	7089287	8N	0.2	1.33	80.1	8.2	2	189	0.9	0.7	0.5	9	20	37.8	2.27	4	0.05	0.06	27
1047490	412200	7089339	8N	0.3	1.72	65.8	14.9	7	259	5.5	0.95	0.9	8.8	22	34	2.26	5	0.04	0.07	28

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1047440	0.42	350	1.9	0.007	20.8	0.073	10	0.025	1.1	2.5	1	19	0.1	2.5	0.036	0.2	1.8	39	0.5	54
1047441	0.4	335	0.9	0.007	22.8	0.077	8.6	0.025	1	2.2	0.25	18	0.1	5.1	0.049	0.05	1.1	35	0.4	58
1047442	0.37	502	1	0.04	18.7	0.092	13.9	0.08	0.8	1.6	1	60	0.1	1	0.029	0.1	0.9	42	0.2	58
1047443	0.41	274	1	0.011	23.2	0.028	15.8	0.025	0.8	2.4	0.6	22	0.1	3.5	0.048	0.1	0.6	48	0.3	59
1047444	0.53	387	0.7	0.073	24.1	0.078	13.7	0.025	1.5	2.8	0.6	86	0.1	3.2	0.039	0.1	1.2	39	0.5	64
1047445	0.51	287	0.7	0.068	26.4	0.088	13.1	0.025	1.2	3.6	0.6	58	0.1	7.1	0.063	0.1	1	48	0.5	63
1047446	0.54	360	0.8	0.028	29.8	0.087	16	0.025	4.3	4.4	0.25	43	0.1	5.3	0.058	0.1	0.9	56	0.3	78
1047447	0.59	142	2.2	0.026	34.6	0.099	19.4	0.025	2.2	3.3	1.1	38	0.1	6	0.071	0.2	1.8	60	0.9	77
1047448	0.44	225	0.7	0.044	22.5	0.093	39.8	0.025	2.5	2.7	0.5	55	0.1	5.1	0.043	0.05	1.2	43	1.2	102
1047449	0.59	300	0.5	0.043	25.1	0.081	14.9	0.025	1.8	3.7	0.5	64	0.1	4.9	0.033	0.1	0.7	41	0.3	67
1047450	0.64	327	0.7	0.044	22.9	0.074	15.4	0.025	1.8	3.5	0.7	85	0.1	4.8	0.043	0.05	0.6	40	0.2	60
1047451	0.6	327	0.7	0.048	25	0.065	22.8	0.025	14.2	3.7	0.8	74	0.1	5	0.037	0.2	0.8	44	0.2	61
1047452	0.42	350	0.5	0.067	17.3	0.068	10.5	0.06	1.5	1.8	0.25	87	0.1	1.9	0.023	0.05	0.6	26	0.3	49
1047453	0.54	321	0.8	0.075	22.6	0.068	13.4	0.025	6.1	2.8	0.8	98	0.1	4.2	0.041	0.1	0.7	36	1.8	59
1047454	0.9	196	0.5	0.059	18.8	0.058	14.5	0.025	4.6	3.1	0.8	158	0.1	4.5	0.051	0.1	0.7	35	0.6	53
1047455	0.96	266	0.8	0.069	24	0.053	10.5	0.06	2.5	3.2	1.1	106	0.1	3.2	0.07	0.2	2.3	53	0.9	79
1047456	0.89	261	0.7	0.05	22.8	0.088	7.5	0.1	3.1	2.8	2.5	112	0.1	2	0.068	0.2	4.5	84	0.3	82
1047457	0.49	492	2.9	0.006	15.8	0.061	12.8	0.025	4.7	2.9	0.25	17	0.1	4	0.034	0.3	6.6	48	1.6	56
1047458	0.47	350	1.5	0.007	13.1	0.055	10.2	0.025	2.4	2.3	0.25	15	0.1	2.8	0.04	0.2	3.7	43	0.9	49
1047459	0.43	317	1	0.008	17.6	0.055	8.5	0.025	3	2.3	0.7	14	0.1	4.6	0.038	0.2	3.4	34	0.7	48
1047460	0.43	342	1.5	0.008	12.3	0.059	10.3	0.05	3.3	1.6	0.25	15	0.1	1.6	0.035	0.3	4.3	43	0.8	50
1047461	0.42	316	0.9	0.007	16.8	0.078	7.9	0.025	1.6	1.7	0.25	19	0.1	7.1	0.05	0.2	1.9	35	1.4	51
1047462	0.4	299	0.8	0.007	16.3	0.062	9.5	0.025	2.1	1.9	0.25	26	0.1	5.5	0.047	0.2	2.9	37	1.6	56
1047463	0.55	415	1.3	0.01	18.4	0.08	11.1	0.025	2.5	2.3	0.25	54	0.1	8.4	0.071	0.2	3.3	40	3.4	63
1047464	0.5	239	1.2	0.009	16.4	0.068	10.7	0.025	1.5	2.9	0.25	18	0.1	7	0.056	0.2	4.9	42	1.3	60
1047465	0.48	296	1.4	0.006	15.3	0.07	12.9	0.025	7.6	2.9	0.25	12	0.1	4	0.034	0.2	3.9	45	0.9	53
1047466	0.51	588	1.8	0.006	22.4	0.11	26.2	0.025	24.6	4.4	0.9	20	0.1	8.5	0.045	0.2	6.5	55	2.2	78
1047467	0.7	295	0.8	0.022	19.7	0.064	13.8	0.025	6.9	3.3	0.6	28	0.1	6	0.033	0.2	1.5	44	0.3	75
1047468	0.62	520	0.7	0.014	19.7	0.067	14.6	0.025	11.6	3.4	0.7	32	0.6	6.1	0.024	0.2	2	35	0.5	82
1047469	0.71	370	0.9	0.014	21.4	0.072	13.9	0.06	7.6	3.3	0.6	36	0.8	3.9	0.035	0.2	1.9	47	0.5	76
1047470	0.64	343	0.8	0.012	19.6	0.082	12.3	0.025	6.2	2.9	0.25	27	0.4	5.7	0.055	0.2	2.5	45	1.4	67
1047471	0.5	467	1.1	0.006	16.4	0.075	11.4	0.025	15.7	2.9	0.25	17	0.1	5.2	0.048	0.2	3.2	41	2.2	60
1047475	0.39	232	1.1	0.007	12.4	0.054	10.2	0.025	3.8	1.4	0.25	15	0.1	1	0.029	0.2	2.6	39	0.5	50
1047476	0.49	287	1.4	0.005	14.7	0.062	10.1	0.025	5	2.3	0.25	32	0.1	5.2	0.049	0.3	4.4	44	0.7	52
1047477	0.58	299	1.6	0.007	18.3	0.088	9	0.025	8.3	3.2	0.6	35	0.1	9.9	0.067	0.3	8.3	45	1.5	62
1047479	0.5	252	1.1	0.02	21.3	0.057	18.2	0.12	2.5	1.9	0.25	28	0.1	8.8	0.046	0.5	2.2	34	0.1	61
1047480	0.39	370	0.8	0.006	26	0.034	12.8	0.025	4.1	1.5	0.25	12	0.1	3.8	0.032	0.2	1.2	36	0.4	57
1047481	1.29	287	0.6	0.01	120.1	0.031	7.9	0.025	6.2	2.9	0.25	27	0.1	3	0.077	0.8	0.6	63	0.3	53
1047482	0.1	585	0.8	0.002	25.9	0.099	31.8	0.025	36.6	4.9	0.25	24	0.2	11.4	0.002	0.6	4.6	13	0.1	47
1047483	0.13	101	5.4	0.015	18.2	0.207	57.6	0.68	132.2	8.9	3.7	75	0.5	15.5	0.006	1.4	4.9	48	0.3	30
1047484	0.45	708	0.2	0.033	22.3	0.095	14.5	0.12	16.3	2.7	0.7	242	0.1	4.9	0.004	0.1	0.6	17	0.2	83
1047485	0.66	757	0.6	0.02	12.5	0.087	41.5	0.06	9.6	3.9	0.9	83	0.1	12.1	0.006	0.2	6.3	31	0.7	87
1047486	0.49	775	0.6	0.033	16.7	0.1	39.2	0.08	19.8	4	0.9	72	0.1	9.3	0.005	0.3	3.3	27	1.2	74
1047487	0.36	626	1	0.088	13.9	0.114	54.6	0.14	2.2	1	0.25	180	0.3	3.1	0.024	0.05	1.1	13	0.6	56
1047488	0.54	424	0.6	0.035	21.8	0.091	14.7	0.025	3.2	3.1	0.25	90	0.1	7.3	0.04	0.1	2.2	36	0.6	74
1047490	0.43	416	0.6	0.035	21.9	0.091	22.9	0.025	4.3	3.1	0.25	79	0.2	6.4	0.04	0.2	2.2	34	0.7	95

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1047491	409899	7087637	8N	0.05	1.33	29.9	11	0.5	140	0.3	0.14	0.1	7.6	29	15.4	2.28	4	0.04	0.06	17
1047492	409899	7087587	8N	0.05	1.45	27.7	5.5	1	132	0.3	0.13	0.2	5.9	31	16.2	2.37	5	0.04	0.05	16
1047493	409899	7087536	8N	0.1	1.49	36.9	5.7	2	160	0.5	0.14	0.3	9.8	41	22.3	2.76	5	0.04	0.08	17
1047494	409897	7087487	8N	0.1	1.31	20.5	30.6	1	194	0.4	0.17	0.3	9.5	34	20.1	2.48	4	0.06	0.1	18
1047495	409899	7087436	8N	0.2	1.61	40.1	7.2	1	231	0.7	0.17	0.6	14	46	25.8	2.93	6	0.04	0.15	16
1047496	409898	7087387	8N	0.2	1.51	30.6	13.3	0.5	216	0.8	0.18	0.4	12.6	27	27.3	2.73	5	0.07	0.11	21
1047497	409898	7087336	8N	0.05	1.32	14.3	33.6	2	118	0.3	0.17	0.3	10.4	26	21.7	2.49	4	0.03	0.07	17
1047498	409898	7087287	8N	0.1	1.34	16.6	3.3	1	218	0.4	0.29	0.4	11.9	28	29.8	2.43	4	0.03	0.1	21
1047499	411799	7088836	8N	0.1	2.28	249.1	22.7	0.5	132	5.8	0.13	0.2	12.1	39	84	3.15	8	0.02	0.25	21
1047500	411799	7088886	8N	0.2	2	106.2	3.5	2	136	1.2	0.08	0.2	14.5	35	41.6	3.34	6	0.04	0.13	18
1050736	410497	7088385	8N	0.1	1.4	50.8	10.9	2	162	1.3	0.19	0.1	7.9	30	31.9	2.28	5	0.02	0.12	31
1050737	410497	7088335	8N	0.05	1.52	60	2.8	0.5	128	0.5	0.19	0.3	8.4	29	17.3	2.48	5	0.03	0.1	20
1050738	410498	7088285	8N	0.2	1.18	81.7	3.7	0.5	128	0.8	0.22	0.2	7.3	26	24.5	2.26	4	0.02	0.11	19
1050739	410498	7088235	8N	0.1	1.29	110.5	0.6	0.5	128	0.7	0.18	0.2	8	27	21.3	2.3	5	0.03	0.1	18
1050740	410498	7088185	8N	0.1	1.25	68.4	0.9	2	211	0.9	0.21	0.1	7	25	18	2.06	4	0.04	0.06	22
1050741	410499	7088135	8N	0.2	1.15	125	16.7	1	131	1.3	0.19	0.05	6.4	23	18.5	2.15	4	0.04	0.06	19
1050743	410500	7088085	8N	0.2	1.07	271.6	5.1	0.5	151	2	0.2	0.2	7.8	25	24.4	2.22	4	0.03	0.08	22
1050853	410401	7088037	8N	0.3	1.24	368.1	8.4	0.5	238	1.2	0.33	0.1	9.4	26	23.6	2.26	4	0.04	0.05	20
1050854	410399	7087988	8N	0.4	1.36	344	6.7	1	192	1.2	0.36	0.3	8.3	26	31.9	2.31	5	0.03	0.07	26
1050855	410399	7087937	8N	0.2	1.33	326.3	2.7	0.5	184	1.3	0.33	0.3	10	31	32.5	2.31	5	0.02	0.12	25
1050856	410398	7087887	8N	0.3	1.2	465.6	2.6	1	170	1.2	0.3	0.2	7.7	26	36.9	1.97	4	0.04	0.06	23
1050857	410400	7087837	8N	0.5	1.43	516.2	4.6	0.5	185	1.6	0.28	0.2	8.2	27	40.6	2.21	5	0.05	0.07	26
1050858	410400	7087787	8N	0.2	1.54	481.8	5.5	0.5	174	1.4	0.2	0.05	7.2	31	35.9	2.28	5	0.04	0.07	28
1050859	410396	7087736	8N	0.3	1.31	455.6	5.1	0.5	166	1.5	0.25	0.2	7	28	33.9	2.22	5	0.04	0.06	25
1050860	410399	7087687	8N	0.2	1.46	131	16.2	1	171	0.7	0.2	0.05	7.8	28	23	2.25	5	0.03	0.06	21
1050861	410399	7087638	8N	0.1	1.4	86.1	13.7	0.5	164	0.8	0.17	0.1	6.9	29	18.3	2.14	5	0.04	0.05	19
1050862	410397	7087586	8N	0.3	1.59	77.6	12.8	1	161	1	0.19	0.1	8.3	31	24.8	2.39	5	0.04	0.07	22
1050863	410398	7087537	8N	0.4	1.38	56.7	253.1	0.5	155	0.9	0.24	0.1	6.7	30	19.2	2.12	5	0.03	0.08	19
1050864	410397	7087286	8N	0.5	1.6	155.4	21.4	1	160	0.7	0.13	0.1	10.2	34	27.2	2.72	5	0.03	0.07	17
1050865	410399	7087336	8N	0.3	1.63	121.3	52.5	0.5	171	1.5	0.29	0.1	7.8	39	26.4	2.52	5	0.03	0.14	27
1050866	410393	7087386	8N	0.4	1.83	115.3	27.4	0.5	189	1.1	0.2	0.2	10.3	36	28.6	2.63	6	0.05	0.1	25
1050867	410399	7087437	8N	0.4	1.47	95.2	114.2	4	204	1.4	0.36	0.2	10.8	32	28.4	2.27	5	0.05	0.12	30
1050868	410398	7087487	8N	0.2	1.21	77.6	66	4	146	1.2	0.24	0.2	7.2	29	21.3	2.12	4	0.03	0.1	19
1050869	411987	7089536	8N	0.2	1.58	217.7	29.4	2	214	4.5	0.33	0.6	11.1	25	87.3	2.51	5	0.03	0.07	24
1050870	411799	7089086	8N	0.2	2.15	107.8	11	3	204	1.8	0.78	0.4	12.2	30	30.7	2.71	6	0.05	0.09	20
1050871	411996	7089588	8N	0.2	1.57	222.4	24.6	3	196	5.4	0.33	0.3	9.7	20	53.1	2.24	4	0.06	0.05	23
1050872	411990	7089634	8N	0.1	1.51	127.4	7.5	2	189	2.6	0.29	0.5	8.9	24	35.4	2.26	5	0.05	0.07	23
1050873	412001	7089686	8N	0.1	1.3	77.5	13.6	2	126	2.4	0.24	0.3	8.3	22	36.3	2.27	4	0.04	0.04	20
1050874	411999	7089736	8N	0.1	1.38	83.5	6.4	0.5	123	2.6	0.15	0.2	8.1	24	34.2	2.31	5	0.07	0.04	21
1050875	411998	7089787	8N	0.05	1.53	39.2	13	3	115	1.4	0.2	0.2	6.1	21	21.8	2.01	4	0.04	0.03	15
1050876	411997	7089836	8N	0.2	1.81	22.7	9	1	253	5	0.36	0.3	7.7	27	39.6	2.37	6	0.03	0.05	18
1050878	412000	7089887	8N	0.6	1.57	27.4	8.8	2	229	6.1	0.6	0.8	8.3	23	76.2	2.15	5	0.04	0.06	20
1050880	411999	7089937	8N	1.1	1.88	19.8	16.8	2	185	18.8	1.23	1.2	7.7	24	104.6	2.03	5	0.06	0.05	21
1050881	411999	7089986	8N	0.5	1.94	13.5	11.5	9	232	3.9	1.11	0.7	9.2	22	39.4	2.18	5	0.06	0.05	20
1050883	412000	7090036	8N	0.1	2.08	13.1	10.2	1	271	0.4	0.34	0.5	8.1	25	22.1	2.55	6	0.04	0.06	33
1050885	411998	7090085	8N	0.9	1.74	12.7	9.2	30	155	3.5	1.53	2	12.9	27	121.8	2.45	6	0.07	0.08	34

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1047491	0.43	283	1.2	0.006	17.8	0.055	9.8	0.025	1.2	2.4	0.5	14	0.1	2.6	0.042	0.1	0.9	45	0.4	54
1047492	0.43	192	1	0.006	17.8	0.055	10.5	0.025	1	2.1	0.25	14	0.1	1.5	0.042	0.1	1.1	48	0.3	53
1047493	0.45	389	1.1	0.007	25.7	0.061	12.1	0.025	2.3	2.6	0.6	16	0.1	2.4	0.05	0.2	1.1	52	0.4	67
1047494	0.45	388	0.8	0.007	21.6	0.061	10.4	0.025	2.2	2.6	0.25	17	0.1	4.5	0.061	0.2	1	47	0.5	73
1047495	0.45	656	1.6	0.009	25.2	0.08	17.4	0.025	3.6	3.4	0.25	20	0.1	2.5	0.065	0.2	1.3	55	0.3	112
1047496	0.49	452	0.9	0.008	24.8	0.063	9.2	0.025	0.9	3.5	0.7	20	0.1	5.5	0.075	0.2	1.5	51	0.6	70
1047497	0.41	304	0.9	0.006	23.4	0.064	9.8	0.025	1.1	2.2	0.5	17	0.1	4.4	0.055	0.1	0.9	44	0.4	73
1047498	0.48	564	1.1	0.009	28.6	0.079	9.7	0.025	1.3	3.7	0.25	24	0.1	6.7	0.079	0.1	1.3	45	0.4	72
1047499	0.69	351	0.8	0.008	23.6	0.066	13.5	0.025	14.8	3.2	0.25	26	0.2	7	0.069	0.4	2.9	48	4.4	63
1047500	0.52	466	1.3	0.006	27.6	0.057	14.6	0.025	4.9	2.9	0.5	13	0.1	4.3	0.054	0.3	2.3	46	0.4	77
1050736	0.55	343	1.2	0.007	16.7	0.064	10.9	0.025	1.9	2.9	0.25	16	0.1	8.9	0.069	0.3	3.3	45	2.5	56
1050737	0.44	316	1.1	0.006	18.4	0.054	11.9	0.025	1.2	2.5	0.25	21	0.1	9.8	0.065	0.2	1.3	47	2.7	52
1050738	0.46	329	1.3	0.006	18.2	0.066	11	0.025	1.9	2.3	0.25	21	0.1	8	0.057	0.2	2.5	41	2.4	64
1050739	0.5	435	1.4	0.006	14.8	0.049	11.6	0.025	2.1	2.3	0.25	19	0.1	8.3	0.068	0.2	2.3	46	1.7	65
1050740	0.45	341	2.6	0.007	14	0.061	10.6	0.025	1.7	2.4	0.25	20	0.1	3.4	0.043	0.2	3.4	42	2.3	48
1050741	0.43	266	1.8	0.006	14.1	0.053	10.9	0.025	2.6	2	0.6	17	0.1	5.3	0.047	0.2	2.7	41	1.8	50
1050743	0.47	434	1.4	0.007	15.9	0.061	11.5	0.025	4.5	2.3	0.25	17	0.1	6.8	0.054	0.2	3.7	39	2.3	56
1050853	0.35	455	2.8	0.005	13.7	0.048	10.9	0.025	6.1	1.7	0.25	27	0.1	1.3	0.023	0.3	4	44	0.6	44
1050854	0.42	383	2.3	0.006	15	0.054	11	0.025	6.6	2.4	0.25	29	0.1	2.5	0.035	0.2	5.9	42	0.6	53
1050855	0.5	469	1.8	0.007	18.3	0.076	10.1	0.025	4.9	2.7	0.5	27	0.1	7.3	0.07	0.3	3.8	44	1.9	63
1050856	0.4	342	1.7	0.005	14.9	0.053	9.5	0.025	5.4	2.6	0.5	26	0.1	3.5	0.038	0.2	6.1	38	0.5	51
1050857	0.45	365	2.1	0.006	15.5	0.058	10.6	0.025	5.6	2.7	0.6	27	0.1	3	0.032	0.2	7.2	39	0.6	60
1050858	0.48	292	2.2	0.007	16.1	0.052	10.3	0.025	3.5	3.2	0.25	22	0.1	4.9	0.047	0.3	7	46	0.7	55
1050859	0.43	266	1.7	0.007	15.5	0.051	9.6	0.025	2.9	2.6	0.25	25	0.1	3.8	0.042	0.2	5.9	43	0.7	55
1050860	0.44	234	1.5	0.008	16.3	0.057	9.7	0.025	2.3	2.7	0.25	17	0.1	3.8	0.036	0.2	6.8	41	0.6	52
1050861	0.46	281	1.4	0.006	14.8	0.054	9.5	0.025	3.2	2.3	0.25	16	0.1	3	0.035	0.2	4.1	44	0.6	51
1050862	0.48	411	1.3	0.009	17.4	0.067	11	0.025	5.2	3.1	0.7	16	0.1	4.2	0.045	0.2	5.3	46	0.5	56
1050863	0.44	211	1.1	0.006	15.3	0.071	9.5	0.025	6.2	2.6	0.25	23	0.1	3.9	0.054	0.2	2.7	43	0.8	52
1050864	0.44	513	1.3	0.005	18	0.062	16.2	0.025	23.7	3	0.25	13	0.1	1.9	0.028	0.3	3.6	44	0.8	57
1050865	0.57	331	1	0.007	17.5	0.082	10.9	0.025	12	4.1	0.25	26	0.1	10	0.08	0.3	4.7	46	1	57
1050866	0.51	476	1.2	0.006	19.1	0.064	12.3	0.025	13.1	4	0.25	24	0.1	5	0.052	0.3	6.3	45	0.7	60
1050867	0.54	476	1.2	0.007	16.4	0.077	12.5	0.06	10.5	3.7	0.25	36	0.1	9.6	0.056	0.3	6.2	44	1.5	61
1050868	0.46	321	0.9	0.007	14.2	0.069	10.5	0.05	9.3	2.8	0.25	23	0.1	7.3	0.051	0.2	3.7	42	1	58
1050869	0.42	397	1.7	0.013	30.3	0.109	12.2	0.025	2.1	2.5	1	36	0.1	6.7	0.055	0.2	4.4	54	1.6	84
1050870	0.53	389	0.8	0.07	29.1	0.091	15.6	0.025	2.6	3	0.5	57	0.1	6.5	0.073	0.2	1.3	47	1.4	72
1050871	0.34	372	1.1	0.014	24.5	0.09	12.3	0.025	1.7	2.3	0.25	30	0.1	6.4	0.038	0.05	4.1	36	1.1	80
1050872	0.43	361	1.2	0.012	23.5	0.095	10.5	0.025	2	2.3	0.7	25	0.1	5.7	0.059	0.2	2.6	42	1	81
1050873	0.35	345	1.1	0.007	22.1	0.092	10.6	0.025	2.3	2.1	0.7	19	0.1	6.5	0.046	0.1	2.3	40	1.4	69
1050874	0.37	302	1.3	0.006	17.7	0.072	11.9	0.025	3.9	2.4	0.6	13	0.1	3.5	0.034	0.1	3	43	0.6	66
1050875	0.34	293	0.8	0.006	15.3	0.071	10.3	0.025	4.2	1.9	0.25	16	0.1	3.1	0.029	0.1	1.5	34	0.3	62
1050876	0.48	333	0.8	0.01	21.1	0.071	16	0.025	1.8	2.6	0.25	28	0.1	2.9	0.031	0.2	1	42	0.3	72
1050878	0.46	360	0.8	0.029	23.9	0.076	28.7	0.025	1.4	3.1	0.25	36	0.2	4.5	0.038	0.1	0.8	37	0.4	80
1050880	0.62	368	0.7	0.06	20.8	0.078	42.1	0.06	1.1	2.8	0.25	76	0.3	3.9	0.03	0.05	1.1	32	0.4	79
1050881	0.43	369	0.7	0.055	23.1	0.059	36.6	0.06	1.8	2.2	0.25	45	0.1	3	0.022	0.05	0.9	32	0.3	64
1050883	0.58	314	0.9	0.01	20.1	0.087	16.4	0.025	1	3.1	0.25	33	0.1	9.3	0.049	0.2	2.6	43	0.6	78
1050885	0.9	501	0.9	0.02	25.8	0.099	84.5	0.025	1	2.8	0.25	77	0.1	7.8	0.051	0.2	3.5	31	0.7	147

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1050886	409698	7087289	8N	0.1	1.37	16.2	0.25	1	105	0.4	0.07	0.1	7.1	25	19.4	2.26	4	0.06	0.05	9
1050888	409559	7080756	8N	0.05	0.88	6.8	2	0.5	84	0.2	0.05	0.05	5.3	16	17.1	2.13	3	0.03	0.03	28
1050891	408625	7079190	8N	0.05	1.28	12.6	1.3	1	87	0.2	0.08	0.05	5.8	23	13.1	2.76	5	0.04	0.04	16
1050892	408576	7079212	8N	0.05	1.36	18.4	4.3	0.5	107	0.2	0.08	0.2	6	24	14.9	2.55	4	0.04	0.03	17
1050893	408529	7079234	8N	0.6	0.39	43	10	0.5	61	0.6	0.03	0.05	33.2	8	43.9	5.3	1	0.03	0.06	43
1050894	408478	7079229	8N	0.1	1.5	14.7	0.5	0.5	97	0.3	0.06	0.1	7.2	24	22	3.35	5	0.03	0.04	24
1050895	408426	7079232	8N	0.1	1.75	19.5	0.8	2	95	0.2	0.07	0.1	11.1	25	25.3	3.12	4	0.03	0.04	18
1050896	408373	7079226	8N	0.1	1.64	12.3	3.3	0.5	107	0.2	0.05	0.05	6.5	23	23.6	3.18	5	0.03	0.03	14
1050897	408321	7079216	8N	0.1	1.69	19	1.7	2	120	0.3	0.06	0.1	7.9	26	31.5	3.39	5	0.03	0.04	18
1050898	408269	7079210	8N	0.05	1.46	18.7	1.1	1	146	0.3	0.08	0.2	12.4	28	35.1	3.44	4	0.02	0.04	17
1050900	408231	7079241	8N	0.1	0.44	11.6	3.3	0.5	32	0.5	0.01	0.05	14.3	12	48.2	3.85	2	0.02	0.03	36
1058728	410200	7088039	8N	0.05	1.35	154.7	1.9	2	146	0.8	0.19	0.1	6.8	27	24.2	2.15	5	0.02	0.07	15
1058729	410198	7087987	8N	0.2	1.47	252.8	2.4	2	196	0.9	0.26	0.1	8.1	30	26.6	2.27	5	0.03	0.07	18
1058730	410198	7087937	8N	0.3	1.04	421.6	6.4	0.5	127	2	0.17	0.4	5.8	27	32.6	1.99	5	0.03	0.08	16
1058731	410199	7087887	8N	0.3	0.9	243.7	4.8	1	150	0.8	0.25	0.3	6.7	25	26.4	1.86	4	0.04	0.1	13
1058732	410199	7087835	8N	0.2	1.17	323.4	3.3	2	202	0.9	0.3	0.2	7.8	30	67.6	2.22	4	0.04	0.11	28
1058733	410199	7087787	8N	0.2	1.2	201.6	4.2	2	129	0.9	0.24	0.4	7.9	30	28.5	2.34	5	0.05	0.1	19
1058734	410198	7087737	8N	0.2	1.7	137.5	10.1	3	233	1.1	0.32	0.2	8.9	34	28.8	2.39	5	0.05	0.1	26
1058735	410199	7087687	8N	0.3	1.98	132.1	5.7	2	281	0.5	0.4	0.3	12	39	26.5	2.77	6	0.04	0.08	19
1058736	410199	7087636	8N	0.1	1.82	78.8	4.1	2	85	0.4	0.13	0.2	5.7	31	17	2.55	6	0.03	0.06	16
1058737	410199	7087586	8N	0.1	1.31	64.1	7.6	0.5	132	0.2	0.19	0.1	7.5	29	18.4	2.27	4	0.05	0.08	17
1058738	410197	7087486	8N	0.1	1.53	28.5	11.7	2	177	0.3	0.17	0.1	7.5	28	24.3	2.45	5	0.04	0.09	17
1058739	410199	7087436	8N	0.1	1.45	30.3	12.7	3	205	0.2	0.23	0.3	9.7	28	29.4	2.66	4	0.03	0.11	22
1058740	410198	7087387	8N	0.05	1.13	16.8	3.2	2	96	0.1	0.14	0.2	6	21	17.5	2.07	4	0.03	0.06	14
1058741	410198	7087336	8N	0.1	1.6	26.4	6.2	2	134	0.2	0.14	0.05	7.6	31	30.3	2.44	5	0.03	0.1	18
1058742	410200	7087286	8N	0.2	1.5	20.1	87.3	2	115	0.2	0.16	0.2	7.6	29	31.2	2.57	5	0.04	0.08	18
1058743	410497	7088786	8N	0.4	1.52	199.1	3.3	2	209	2.4	0.24	0.3	9.4	31	44.9	2.6	5	0.04	0.08	26
1058744	410498	7088736	8N	0.3	1.38	121	6.2	0.5	183	1.6	0.2	0.1	6.7	26	27	2.33	5	0.02	0.05	22
1058745	410498	7088686	8N	0.2	1.32	84.7	2.8	2	175	1.5	0.2	0.5	8	30	28.7	2.25	5	0.04	0.09	22
1058746	410498	7088636	8N	0.2	1.24	77.2	3.6	0.5	140	1.3	0.2	0.2	6.9	28	28.2	2.04	4	0.03	0.07	23
1058747	410498	7088585	8N	0.3	1.16	94	2.3	1	184	1.3	0.24	0.2	7	26	30	2.05	4	0.03	0.08	23
1058748	410498	7088536	8N	0.1	1.13	53.7	8.2	2	125	1.8	0.17	0.2	6.3	26	28.2	1.94	4	0.03	0.09	19
1058749	410498	7088486	8N	0.4	1.21	179	3.9	2	167	2.7	0.32	0.2	4.9	28	44.9	2.04	4	0.04	0.1	24
1058750	410499	7088435	8N	0.5	1.35	93.6	1.4	0.5	189	3.5	0.18	0.7	9.1	37	69.5	3.01	5	0.04	0.1	29
1068272	405396	7080446	8N	0.05	1.27	9.9	0.25	0.5	70	0.2	0.07	0.1	6.2	20	20.4	2.47	4	0.03	0.03	26
1068273	405352	7080446	8N	0.05	1.44	8.3	1.9	1	82	0.2	0.09	0.1	5.5	21	19.8	2.44	4	0.02	0.03	24
1068274	405302	7080451	8N	0.05	1.48	6.3	1.6	0.5	69	0.3	0.05	0.05	4.4	21	25.2	2.82	4	0.02	0.03	31
1068275	405251	7080453	8N	0.05	1.36	8.8	3.6	1	96	0.2	0.1	0.1	6.2	21	26.1	2.46	4	0.03	0.04	29
1068276	405201	7080456	8N	0.05	1.08	11.8	1.8	0.5	62	0.2	0.07	0.05	5.6	16	21.3	2.19	3	0.03	0.04	34
1068277	405149	7080459	8N	0.05	0.88	11	1.3	0.5	55	0.3	0.05	0.05	3.9	13	17.7	1.7	3	0.03	0.04	36
1068278	405099	7080465	8N	0.05	1.07	13.5	2.7	0.5	61	0.3	0.06	0.1	6.6	16	22.7	2.21	3	0.03	0.05	42
1068279	405048	7080466	8N	0.1	1.17	15.6	4	0.5	64	0.3	0.09	0.2	9.5	18	26.5	2.63	4	0.02	0.04	40
1068280	404988	7080455	8N	0.2	1.27	24.6	3.3	0.5	61	0.3	0.06	0.2	9.4	20	27.2	2.77	4	0.03	0.04	33
1068281	404945	7080476	8N	0.1	1.39	25.5	5.6	1	82	0.3	0.1	0.2	8.5	22	26.9	2.67	4	0.04	0.05	31
1068282	404894	7080478	8N	0.2	1.38	15.8	3.6	1	77	0.2	0.13	0.3	10.7	22	27.9	2.54	4	0.03	0.05	23
1068284	404844	7080485	8N	0.2	1.47	13.4	2.4	0.5	75	0.2	0.08	0.1	7.3	26	19.7	2.6	5	0.04	0.05	17

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1050886	0.41	237	0.8	0.005	16.7	0.046	9.6	0.025	1.1	1.7	0.25	8	0.1	1.4	0.032	0.1	0.9	36	0.3	59
1050888	0.24	126	0.8	0.004	14.5	0.031	12.6	0.025	0.8	1	0.25	8	0.1	2.5	0.014	0.1	0.9	25	0.1	42
1050891	0.29	184	0.9	0.004	14.7	0.043	12.7	0.025	0.5	1.8	0.25	8	0.1	4.1	0.03	0.05	0.8	41	0.2	45
1050892	0.32	159	1	0.005	15	0.038	12.1	0.025	0.6	2.1	0.6	8	0.1	4.2	0.032	0.05	0.9	42	0.2	46
1050893	0.04	1189	1.1	0.003	69.9	0.034	23.6	0.025	6.4	2.3	0.6	30	0.1	17.1	5E-04	0.2	2.3	9	0.05	72
1050894	0.35	186	1.2	0.004	15.5	0.029	16.4	0.025	0.7	1.7	1.1	7	0.1	8.8	0.031	0.05	0.8	39	0.2	49
1050895	0.37	189	1.3	0.005	25.9	0.031	15.7	0.025	0.7	1.7	0.25	11	0.1	6.8	0.029	0.05	0.8	38	0.2	54
1050896	0.31	167	1.1	0.004	14	0.023	12.4	0.025	0.6	1.9	0.25	8	0.1	5.1	0.022	0.05	1	44	0.2	43
1050897	0.39	175	1.1	0.005	19.2	0.023	14.9	0.025	0.7	2.1	0.25	11	0.1	6.2	0.029	0.05	1.3	44	0.2	52
1050898	0.43	266	1.1	0.007	26.6	0.028	14.9	0.025	0.7	2.3	0.25	11	0.1	5.9	0.03	0.05	1.8	40	0.2	67
1050900	0.02	106	1.2	0.003	30.1	0.034	24.2	0.025	0.6	0.8	0.25	6	0.1	9.7	0.001	0.05	1.5	12	0.05	89
1058728	0.46	303	1.4	0.007	14.8	0.057	9.5	0.025	3	2.3	0.25	18	0.1	2.8	0.05	0.2	2.8	44	1.1	55
1058729	0.49	424	1.9	0.007	16	0.062	11.3	0.025	5.1	2.3	0.25	25	0.1	2.2	0.042	0.2	5.5	45	0.9	64
1058730	0.4	204	1.4	0.007	14.2	0.054	12	0.025	2.5	2.4	0.25	16	0.1	5.3	0.068	0.2	3.1	43	1.3	52
1058731	0.39	363	1.9	0.008	12.6	0.053	9	0.025	1.6	1.8	0.25	26	0.1	2.4	0.069	0.2	2.1	44	1	57
1058732	0.51	308	1.1	0.01	18.2	0.077	9	0.025	2	2.5	0.5	23	0.1	8.6	0.085	0.2	6.1	46	1.8	56
1058733	0.44	259	1.6	0.008	16.6	0.066	11.3	0.025	2.1	2	0.25	19	0.1	7.4	0.087	0.2	1.7	50	1.6	52
1058734	0.54	257	1.5	0.008	19.7	0.075	14.3	0.025	3.4	3.1	1	33	0.1	4.1	0.05	0.3	7.1	44	1.6	68
1058735	0.54	620	2.6	0.009	27.2	0.093	15.7	0.09	2.3	3.3	1	37	0.1	2.1	0.035	0.2	7.2	51	0.5	92
1058736	0.45	143	1.4	0.006	17.2	0.048	12.4	0.05	1.4	2.2	0.25	14	0.1	3.6	0.043	0.2	1.5	50	0.5	56
1058737	0.44	318	1.3	0.006	20.9	0.058	9.5	0.025	1.6	2.1	0.25	18	0.1	3.9	0.047	0.1	1.8	41	0.5	61
1058738	0.44	270	0.9	0.007	21.7	0.066	10.1	0.06	1.4	2.1	0.7	20	0.1	1.6	0.043	0.2	1.6	47	0.6	61
1058739	0.46	295	1.1	0.007	25.7	0.069	9.1	0.025	1.9	2.7	0.9	22	0.1	5	0.061	0.1	1.8	47	0.6	63
1058740	0.35	189	0.9	0.005	17.1	0.055	7.8	0.06	1	1.3	0.25	14	0.1	1.4	0.031	0.1	0.8	37	0.4	51
1058741	0.48	251	0.8	0.006	22	0.056	9	0.025	2	2.6	0.5	14	0.1	3.7	0.05	0.2	1.3	44	0.4	57
1058742	0.46	245	1	0.005	21.7	0.068	9.8	0.025	2.2	2.4	0.7	14	0.1	2.3	0.043	0.2	1.4	48	0.4	60
1058743	0.53	452	1.6	0.01	18.5	0.076	16.8	0.025	7.7	3.5	0.7	26	0.1	6.1	0.052	0.3	5.2	49	2.8	65
1058744	0.45	317	1.3	0.007	13.4	0.062	13.6	0.025	5.9	2.3	0.25	22	0.1	2.4	0.036	0.3	3.2	45	1.4	51
1058745	0.49	427	1.4	0.008	16.3	0.075	12.9	0.025	3.5	2.2	0.25	22	0.1	7.2	0.069	0.3	2.5	44	3.7	63
1058746	0.51	295	1.2	0.011	14.6	0.066	11.6	0.025	2.6	2.4	0.5	23	0.1	5.1	0.061	0.2	2.5	43	2	51
1058747	0.49	356	1.2	0.01	14.8	0.067	13.9	0.025	3.9	2.4	0.25	26	0.1	7.5	0.061	0.2	2.6	41	3	56
1058748	0.5	284	0.8	0.008	14.3	0.054	10.5	0.025	1.6	1.9	0.25	16	0.1	6.4	0.075	0.2	1.6	40	2.3	51
1058749	0.53	297	1.5	0.008	12.7	0.061	11.9	0.07	5.5	3	0.25	28	0.1	3.4	0.044	0.2	4.1	38	2.1	54
1058750	0.51	450	2.5	0.007	20.4	0.071	29.9	0.025	6	4.4	0.25	15	0.1	9.2	0.044	0.3	5.3	43	1.5	63
1068272	0.36	181	0.9	0.003	15.1	0.047	10.8	0.025	0.5	1.2	0.25	8	0.1	1.5	0.018	0.1	1	35	0.1	49
1068273	0.47	177	0.8	0.004	13.5	0.046	10.6	0.025	0.5	1.3	0.25	10	0.1	2.9	0.019	0.1	0.9	33	0.1	49
1068274	0.6	142	0.8	0.003	11.3	0.047	9	0.025	0.4	1.2	0.25	8	0.1	5.7	0.01	0.05	1	26	0.05	48
1068275	0.49	194	0.8	0.004	15	0.051	10.4	0.025	0.6	1.8	0.25	13	0.1	5.1	0.023	0.05	1.1	32	0.1	54
1068276	0.32	130	0.8	0.003	11.9	0.04	13.2	0.025	0.4	1.3	0.25	9	0.1	4.6	0.019	0.1	1.1	27	0.1	44
1068277	0.23	82	0.7	0.003	8.5	0.038	15.2	0.025	0.6	1.1	0.25	7	0.1	4.1	0.012	0.1	1	22	0.1	31
1068278	0.33	161	0.9	0.003	14.2	0.041	13.2	0.025	0.7	1.4	0.25	8	0.1	5	0.014	0.1	1.2	26	0.05	45
1068279	0.4	235	1.2	0.004	19.8	0.055	13.4	0.025	0.6	1.5	0.25	11	0.1	8.6	0.022	0.05	1.4	28	0.1	60
1068280	0.38	220	1	0.004	17.4	0.055	13.5	0.025	0.6	1.3	0.25	9	0.1	4.9	0.015	0.1	1.4	30	0.1	59
1068281	0.44	227	1	0.006	19	0.057	13.3	0.025	0.6	1.8	0.25	12	0.1	3.9	0.023	0.1	1.3	34	0.1	62
1068282	0.44	221	0.9	0.004	21.6	0.077	12.5	0.025	0.7	2.3	0.8	12	0.1	4.3	0.032	0.1	1.6	39	0.2	80
1068284	0.41	273	1.3	0.005	16.1	0.069	11.8	0.025	0.6	1.2	0.7	10	0.1	0.6	0.026	0.1	1.2	46	0.1	66

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1068285	404794	7080483	8N	0.1	1.14	24.2	5.5	0.5	72	0.3	0.07	0.1	10.4	23	19.1	2.43	4	0.04	0.04	26
1068286	404743	7080489	8N	0.05	1.03	9.6	2.5	0.5	60	0.2	0.07	0.1	4.7	19	13.2	2.08	4	0.03	0.03	23
1068287	404693	7080494	8N	0.1	1.48	11.6	2.5	0.5	109	0.2	0.09	0.1	5.9	25	16.8	2.51	5	0.04	0.04	21
1068288	404641	7080495	8N	0.05	1.3	10.7	4.5	0.5	65	0.2	0.11	0.1	6.1	22	19.2	2.33	4	0.03	0.04	22
1068289	404589	7080492	8N	0.1	1.41	10.5	1.9	1	99	0.2	0.11	0.1	7.3	23	22	2.37	4	0.04	0.04	26
1068290	404541	7080476	8N	0.05	1.25	8.5	2.3	1	125	0.2	0.11	0.2	7.7	20	21.9	2.11	4	0.03	0.04	23
1068291	404493	7080458	8N	0.05	1.45	9.1	4.5	1	120	0.3	0.14	0.1	6.4	24	19.2	2.13	4	0.03	0.04	19
1068292	404445	7080442	8N	0.05	1.46	9.3	2.4	1	120	0.2	0.14	0.1	8.2	25	27	2.38	4	0.02	0.05	22
1068293	404398	7080423	8N	0.05	1.6	7.5	1.4	0.5	93	0.2	0.13	0.05	6.6	23	19.4	2.07	5	0.03	0.07	17
1068294	404367	7080384	8N	0.1	1.43	9.8	1.3	1	109	0.2	0.12	0.1	7.7	23	25	2.2	4	0.04	0.05	21
1071001	411698	7088786	8N	1.2	1.66	2168.1	63.7	2	250	17.3	0.44	0.7	12.5	33	220.4	3.67	6	0.04	0.16	55
1071002	411719	7088734	8N	0.8	1.64	1895.6	93.8	3	134	26.2	0.44	0.7	13.5	33	304.1	4.53	6	0.07	0.11	48
1071003	411698	7088687	8N	2.2	2.24	1846.5	59.3	3	188	20.3	0.48	3.3	18.5	46	400.5	5.51	8	0.04	0.17	70
1071004	411710	7088633	8N	1.4	1.39	1262.6	68.9	3	263	13.8	0.43	1.4	14.1	32	213.4	3.91	5	0.03	0.18	53
1071005	411697	7088588	8N	1.8	1.36	5279.8	54.8	1	285	19.5	0.49	1.4	17.1	29	161.4	4.45	5	0.01	0.17	51
1071006	411690	7088534	8N	1.4	1.3	2779.7	44.6	2	229	14.6	0.54	1.4	23.2	33	209.1	5.22	5	0.04	0.19	60
1071007	411698	7088486	8N	0.5	1.68	332.7	34.6	3	216	5.4	0.44	0.2	11.4	41	131.6	3.34	6	0.04	0.16	43
1071008	411698	7088435	8N	0.6	1.24	688.9	31.7	2	178	2.4	0.3	0.2	8.9	29	110.3	2.36	4	0.01	0.11	26
1071009	411698	7088385	8N	0.2	1.54	108	17.3	2	213	2.3	0.42	0.2	9.3	42	74.1	2.61	6	0.01	0.22	31
1071010	411698	7088335	8N	0.4	2.01	265.4	21.3	2	209	3.7	0.18	0.2	12.2	57	104.4	3.11	7	0.04	0.18	18
1071011	411699	7088286	8N	0.1	1.45	50.8	1.8	1	110	0.3	0.07	0.2	7.1	26	35.3	2.81	5	0.04	0.07	16
1071012	411699	7088236	8N	0.05	1.78	50.5	2.2	0.5	110	0.2	0.08	0.2	12.3	31	41	3.4	5	0.05	0.08	18
1071013	411699	7088188	8N	0.1	1.18	52.4	4.3	1	144	0.3	0.13	0.3	11.6	26	44	3	4	0.03	0.07	19
1071014	411700	7088137	8N	0.1	2.2	29.1	6.7	0.5	176	0.5	0.11	0.4	11.3	36	29.4	3.13	6	0.03	0.08	13
1071015	411699	7088086	8N	0.2	1.7	98.1	3.2	0.5	119	0.8	0.08	0.2	8.9	32	43.9	3.2	6	0.05	0.1	18
1071016	411699	7088037	8N	0.05	1.37	76.4	10.2	0.5	110	0.3	0.07	0.4	10.5	25	36.3	2.72	4	0.04	0.08	15
1071017	411701	7087986	8N	0.1	1.22	142.7	12.1	0.5	69	0.6	0.06	0.1	6.6	34	35.8	2.66	5	0.06	0.07	15
1071018	411698	7087937	8N	0.05	1.62	120.3	2.4	2	99	0.6	0.07	0.2	8.3	29	38.7	3.37	7	0.05	0.1	17
1071019	411700	7087886	8N	0.2	2.72	109.1	7.3	2	227	0.9	0.06	0.3	36.9	66	121.3	6.05	7	0.03	0.2	33
1071020	411700	7087837	8N	0.4	1.17	232	14.2	0.5	193	1.4	0.11	0.6	22.1	21	118.5	5.94	3	0.04	0.1	28
1071021	411701	7087785	8N	0.6	1.2	454.7	5.7	2	215	1.8	0.11	0.6	16.9	20	78.2	5.42	4	0.05	0.15	31
1071022	411701	7087736	8N	0.1	1.86	53.2	13	0.5	128	1.5	0.1	0.4	17.1	30	39.5	3.16	5	0.06	0.09	20
1071023	411700	7087686	8N	0.3	1.65	123.3	2.4	1	117	0.6	0.08	0.3	8.9	28	36	3.07	6	0.08	0.1	14
1071024	411697	7087639	8N	0.4	1.76	118.2	3.6	0.5	152	0.7	0.08	0.2	13.6	34	60.2	3.82	6	0.04	0.12	23
1071025	411698	7087584	8N	0.3	1	75.7	4	1	80	0.4	0.09	0.3	7.1	21	29.1	2.75	4	0.05	0.08	16
1071026	411699	7087535	8N	0.2	2.26	127	8.7	0.5	317	1.7	0.11	0.3	16.1	29	60.2	3.48	7	0.03	0.22	24
1071027	411698	7087487	8N	0.1	1.97	145.6	7.3	2	213	1.6	0.1	0.3	17.4	30	68.1	4.06	6	0.03	0.16	21
1071029	411698	7087436	8N	0.2	1.79	81.5	3.8	1	145	0.5	0.09	0.3	9.3	29	56.4	3.37	5	0.04	0.15	17
1071030	411698	7087388	8N	0.4	1.56	100.7	4.6	0.5	287	0.8	0.2	0.3	11.2	23	46.3	2.81	5	0.05	0.12	20
1071031	411698	7087336	8N	0.3	1.95	123.4	6.1	0.5	151	0.8	0.12	0.3	11.9	34	42.5	3.47	6	0.07	0.14	18
1071033	410598	7090286	8N	0.4	1.63	26.7	3.9	0.5	330	0.8	1.06	0.6	9.4	25	30.6	2.16	5	0.04	0.05	20
1071034	414227	7089042	8N	0.05	0.87	9.7	2.9	0.5	169	0.2	0.13	0.2	8.2	16	25.6	1.94	2	0.03	0.04	18
1071051	410798	7088336	8N	0.1	1.04	81	11.8	1	157	1	0.26	0.5	9.6	25	37.8	2.32	3	0.04	0.08	24
1071052	410799	7088285	8N	0.3	1.56	94	18.8	1	215	2.2	0.29	0.1	8.3	31	38.5	2.73	5	0.05	0.09	31
1071053	410799	7088236	8N	0.05	1.11	27.3	3.1	2	123	0.8	0.25	0.2	5.8	24	16	2.13	4	0.05	0.08	19
1071054	410799	7088187	8N	0.2	1.45	58.5	6.1	1	168	1.1	0.22	0.3	9	27	20.3	2.38	5	0.04	0.11	22

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1068285	0.3	473	1	0.003	14.8	0.058	15.9	0.025	0.5	1.4	0.25	9	0.1	2.6	0.024	0.1	1.1	37	0.2	53
1068286	0.25	124	1	0.003	11.7	0.045	11.8	0.025	0.4	0.9	0.25	8	0.1	1.1	0.016	0.1	0.9	36	0.2	42
1068287	0.37	154	1	0.005	14.7	0.055	11.7	0.025	0.5	1.6	0.25	10	0.1	1.2	0.024	0.2	1	45	0.2	50
1068288	0.4	144	0.7	0.004	16.8	0.057	11.1	0.025	0.5	1.4	0.25	10	0.1	2.2	0.026	0.1	0.9	36	0.2	53
1068289	0.44	161	0.8	0.004	17.1	0.05	10.9	0.025	0.5	2.4	0.25	10	0.1	4	0.033	0.1	1.4	36	0.2	54
1068290	0.37	233	0.7	0.004	17.3	0.051	9.6	0.025	0.6	2.3	0.25	10	0.1	4.1	0.041	0.05	1.1	35	0.1	56
1068291	0.42	156	0.7	0.005	16.3	0.057	10	0.025	0.5	2.5	0.25	12	0.1	2.3	0.035	0.1	1	42	0.2	52
1068292	0.47	222	0.7	0.005	22.1	0.053	10.7	0.025	0.5	2.7	0.6	12	0.1	3.5	0.041	0.1	0.9	42	0.2	61
1068293	0.63	202	0.5	0.004	17.3	0.045	10.3	0.025	0.4	1.9	0.25	11	0.1	1.8	0.046	0.2	0.7	41	0.1	49
1068294	0.49	213	0.5	0.004	18.6	0.058	10.8	0.025	0.6	2.5	0.25	10	0.1	2.7	0.037	0.2	1	40	0.2	53
1071001	0.58	505	1.2	0.01	18.5	0.113	31.7	0.025	104	5.4	1.2	53	0.2	17.9	0.057	0.3	15.2	45	2.3	70
1071002	0.5	452	1.8	0.013	21.8	0.109	27.7	0.025	61.9	5.3	2.1	32	0.3	9.8	0.026	0.4	22.2	47	1.7	66
1071003	0.78	709	1.6	0.01	25.5	0.117	59.9	0.025	88.7	9.2	2.3	46	0.3	18.1	0.046	0.4	23	60	1.7	134
1071004	0.55	716	1.2	0.012	19.5	0.126	45	0.025	131.3	7.4	0.8	34	0.2	20.5	0.052	0.5	11.7	42	2.3	87
1071005	0.52	791	1.2	0.008	18.8	0.117	57.8	0.025	152.8	7.5	1.7	41	0.3	21.7	0.037	0.5	11	41	2.2	92
1071006	0.45	934	1.2	0.008	19.6	0.127	35.4	0.025	91	10.7	1.3	40	0.3	26.8	0.019	0.6	13.6	45	2.2	89
1071007	0.66	418	1.2	0.012	21.9	0.136	11.3	0.025	24.7	5	1.1	36	0.1	15.3	0.103	0.4	6.1	60	4.1	79
1071008	0.47	231	1	0.01	17.6	0.088	7.1	0.025	2.8	2.8	0.8	26	0.1	8.5	0.081	0.2	3.8	44	2.2	54
1071009	0.66	287	0.9	0.009	20.6	0.098	9	0.09	5.2	3.7	0.7	45	0.1	11.5	0.114	0.4	3.4	56	1	67
1071010	0.67	355	1.3	0.01	25.1	0.083	12.3	0.025	10.8	3.3	1.2	24	0.1	3.4	0.075	0.4	2.9	56	1.5	46
1071011	0.3	192	1.5	0.006	21.6	0.043	9.7	0.1	7.8	1.6	0.25	10	0.1	2.7	0.031	0.2	1.1	50	0.5	52
1071012	0.44	335	1.3	0.006	26.5	0.044	12.2	0.025	15.7	2.3	1	11	0.1	4	0.034	0.3	1.1	45	0.7	57
1071013	0.34	294	0.9	0.006	25.5	0.064	9.3	0.06	14.8	2.2	0.25	13	0.1	5.2	0.034	0.2	1.4	45	0.7	58
1071014	0.51	389	1.7	0.006	23.6	0.055	14	0.025	8.9	2.2	0.25	12	0.1	2	0.033	0.2	1	56	0.3	84
1071015	0.33	263	1.6	0.006	24.6	0.064	13.5	0.025	43.4	1.7	0.25	12	0.1	1.5	0.029	0.3	1.3	49	0.4	60
1071016	0.32	253	1	0.005	25.7	0.043	8.5	0.025	17.6	2	0.7	11	0.1	4	0.035	0.2	1	36	0.6	58
1071017	0.25	198	1.2	0.005	28.2	0.051	10.9	0.025	18.2	1.6	0.25	10	0.1	2.1	0.033	0.1	1.3	42	0.5	46
1071018	0.3	271	1.6	0.009	21.7	0.054	12	0.025	5.8	2.1	0.5	11	0.1	2.9	0.041	0.2	1	54	0.4	56
1071019	0.53	513	1.5	0.004	57	0.082	25.6	0.025	27.5	9.2	0.6	9	0.1	14.1	0.053	0.6	4.5	65	0.2	125
1071020	0.26	815	0.9	0.006	61.9	0.062	24.9	0.025	23.2	4.1	0.25	15	0.1	7.4	0.01	0.3	2.3	30	0.8	107
1071021	0.22	480	0.9	0.005	51.8	0.071	23.4	0.025	34.6	3.4	0.6	12	0.1	5.2	0.007	0.5	2.5	31	0.5	79
1071022	0.5	495	1.1	0.007	30.6	0.059	14.5	0.025	5.6	2.3	0.25	12	0.1	4.5	0.049	0.3	1.4	48	1	75
1071023	0.31	291	1.5	0.006	21.1	0.068	16.4	0.07	5.3	1.6	0.25	12	0.1	1.1	0.023	0.3	1.3	48	0.5	54
1071024	0.45	355	1.3	0.006	33.9	0.057	21.6	0.025	9.1	3	0.25	11	0.1	5.6	0.029	0.3	2.1	49	0.5	65
1071025	0.19	189	1.1	0.004	21.7	0.044	14.9	0.025	9.1	1.6	0.6	11	0.1	2	0.016	0.2	1.1	34	0.4	49
1071026	0.52	417	0.8	0.006	33.9	0.055	18.3	0.025	9	4.2	0.25	10	0.1	7.2	0.076	0.4	2.3	52	1	58
1071027	0.47	417	1.6	0.007	39.2	0.056	19	0.025	7	3.5	0.25	17	0.1	7.4	0.05	0.3	2.1	51	0.7	69
1071029	0.42	211	1.6	0.006	35.7	0.055	12.4	0.025	3.3	2.5	0.8	19	0.1	4.7	0.04	0.2	1.5	42	0.4	54
1071030	0.34	280	1.2	0.005	28.3	0.064	11.6	0.025	5.4	2.6	0.25	24	0.1	3.7	0.041	0.3	1.8	39	0.7	53
1071031	0.44	389	1.5	0.007	33.6	0.068	16.7	0.025	4.7	2.6	0.6	13	0.1	3.9	0.042	0.2	1.4	49	0.5	65
1071033	0.45	337	0.7	0.042	24.6	0.074	43.6	0.025	2.3	2.5	0.5	53	0.1	3.1	0.028	0.2	1.7	39	0.3	64
1071034	0.32	232	0.6	0.003	20.8	0.06	7.2	0.025	0.7	2.2	0.25	12	0.1	5.9	0.028	0.05	1.3	24	0.2	52
1071051	0.43	409	2.4	0.01	22.2	0.094	11.8	0.025	1.4	2.5	0.25	20	0.1	8.2	0.069	0.1	2.6	47	4.7	63
1071052	0.51	183	6.6	0.008	20.7	0.083	12.9	0.025	3.4	4	0.6	21	0.1	9.5	0.08	0.3	9	54	3.8	70
1071053	0.43	172	2.9	0.008	15.6	0.077	10.1	0.025	1.7	2.1	0.25	20	0.1	4.9	0.069	0.2	1.7	41	2.3	49
1071054	0.45	352	2.4	0.007	19	0.068	11.4	0.025	3	2.6	0.25	28	0.1	8.9	0.086	0.2	1.9	47	4.3	58

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1071055	410799	7088136	8N	0.1	1.2	31.1	5.2	2	193	0.5	0.23	0.3	8.5	25	25.8	2.26	4	0.05	0.08	30
1071057	410800	7088086	8N	0.05	1.22	49.2	1.6	3	148	0.5	0.28	0.3	9.5	26	19.2	2.25	4	0.02	0.09	21
1071059	411399	7090137	8N	0.1	1.73	14.9	2.8	1	187	0.3	0.4	0.2	7.4	23	15.6	2.14	5	0.01	0.04	12
1071060	411399	7090186	8N	0.3	1.78	26.5	2.5	3	322	0.4	0.57	0.4	8.7	24	26.4	2.01	5	0.01	0.05	17
1071061	411399	7090237	8N	0.3	1.92	12.2	3.4	2	344	0.3	0.68	0.6	9.7	28	25.7	2.33	6	0.01	0.07	16
1071062	411399	7090286	8N	0.3	1.75	18.2	5.5	3	288	0.3	0.6	0.5	8.6	25	28.9	2.14	5	0.01	0.07	16
1071065	409299	7088736	8N	0.1	1.96	26.6	6.7	1	280	1	1.04	0.3	8.5	28	28.7	2.04	6	0.02	0.14	14
1071066	409299	7088686	8N	0.3	1.43	53	5.9	0.5	205	0.5	0.92	0.8	8.4	21	41.6	1.7	4	0.03	0.1	13
1071067	409299	7088635	8N	0.3	1.69	54.8	4.8	1	261	0.3	1.18	0.4	8.3	27	39.1	1.87	5	0.03	0.13	11
1071068	409298	7088585	8N	0.4	1.45	11.7	3.6	1	227	0.2	0.99	0.8	6.9	27	67.4	1.74	4	0.03	0.12	11
1071069	409299	7088535	8N	0.5	1.7	13.6	3.8	1	270	0.2	1.35	0.3	7.8	30	55.9	2	5	0.03	0.15	11
1071070	409300	7088285	8N	0.2	1.31	106.3	2.6	1	250	0.7	1.15	0.3	8.3	22	32.3	1.73	4	0.04	0.05	11
1071071	409298	7088138	8N	0.05	0.89	14.2	4.6	0.5	113	0.3	0.13	0.5	5.2	21	9.4	1.8	4	0.04	0.05	12
1071072	409298	7088087	8N	0.1	1.21	22.6	4.8	0.5	232	0.4	0.22	0.3	7.5	25	15.1	2.06	4	0.03	0.08	20
1071073	409299	7088037	8N	0.1	1.08	17.6	12	0.5	216	0.7	0.28	0.2	7.6	27	15	1.95	4	0.02	0.11	22
1071074	409299	7087987	8N	0.1	1.2	33.5	8.2	0.5	220	0.4	0.26	0.2	8.2	29	18.5	2.18	4	0.01	0.15	24
1071075	409299	7087937	8N	0.05	1.17	24.6	5.8	0.5	162	0.4	0.21	0.3	8.9	27	16	2.26	5	0.02	0.12	19
1071076	411426	7089686	8N	0.1	1.84	41.6	13.3	2	188	2.4	0.39	0.2	9.2	25	17.6	2.18	6	0.04	0.04	14
1071077	411397	7089735	8N	0.1	1.29	27	3.6	1	160	1.2	0.27	0.2	5.7	17	20	1.61	3	0.005	0.05	14
1071078	411399	7089788	8N	0.1	1.32	28.4	7.3	2	206	2.4	0.37	0.3	6.3	20	24.9	1.75	4	0.02	0.05	18
1071079	411398	7089836	8N	0.2	1.44	35	4.4	0.5	203	5.3	0.38	0.4	7.8	20	24.8	2.02	4	0.005	0.04	20
1071080	411399	7089886	8N	0.05	1.33	34.7	3.4	2	171	1.3	0.23	0.2	6.7	19	23.9	1.88	4	0.005	0.05	18
1071081	411398	7089937	8N	0.05	1.53	39.7	2	2	145	1	0.25	0.3	6.8	19	16.5	1.97	4	0.005	0.05	15
1071082	411399	7089988	8N	0.1	1.71	18.4	2.3	2	195	1	0.3	0.2	6.4	22	17.1	2.05	5	0.005	0.04	16
1071083	411398	7090036	8N	0.05	1.29	16.1	8.6	2	160	1.2	0.28	0.2	5.7	20	20.7	1.72	4	0.01	0.04	17
1071084	411399	7090086	8N	0.2	1.56	13.7	25.9	2	303	0.8	0.57	0.5	9.1	22	20	1.79	5	0.02	0.04	19
1071085	411656	7086281	8N	0.1	1.56	19	11.3	1	151	0.8	0.27	0.4	14.1	99	31.6	2.39	5	0.02	0.33	22
1071086	411606	7086288	8N	0.05	2.31	20.9	2.8	0.5	148	0.8	0.27	0.2	17	295	32.4	2.68	6	0.02	0.51	23
1071087	411560	7086308	8N	0.2	1.47	12.7	3.6	2	133	0.3	0.17	0.2	10.2	41	24.1	2.54	4	0.03	0.13	16
1071088	411513	7086326	8N	0.2	1.73	16.8	8.2	0.5	124	0.8	0.18	0.3	12.1	36	27.5	2.51	5	0.02	0.26	23
1071089	411464	7086336	8N	0.05	1.32	12.1	5.1	1	103	0.2	0.1	0.2	7.5	23	17.3	2.35	4	0.04	0.09	16
1071090	411414	7086333	8N	0.1	1.81	11.7	3.6	1	162	0.5	0.12	0.3	10.4	56	25.5	2.68	5	0.03	0.22	19
1071091	411366	7086337	8N	0.3	1.98	16.9	2	1	210	0.7	0.2	0.9	15.6	123	36.3	3.08	6	0.03	0.3	23
1071092	411314	7086336	8N	0.2	1.6	13.4	9.1	0.5	159	1	0.21	0.6	11.2	75	26.9	2.66	5	0.04	0.25	21
1071093	411266	7086351	8N	0.2	1.76	12.9	4.7	1	247	0.7	0.15	0.7	8.8	82	30.7	2.45	5	0.02	0.29	21
1071094	411215	7086338	8N	0.1	1.82	15.1	3.2	2	147	0.3	0.16	0.2	12.3	61	30.4	2.79	6	0.02	0.19	20
1071095	411166	7086329	8N	0.2	1.88	16.9	6.2	1	204	0.5	0.21	0.2	13	43	40.3	2.53	6	0.04	0.12	20
1071096	411117	7086319	8N	0.3	1.72	10.5	4.3	0.5	227	0.2	0.21	0.4	9.6	30	26.8	2.64	5	0.02	0.13	20
1071097	411068	7086332	8N	0.2	1.3	49.5	3.1	1	390	0.4	0.44	1.9	11.4	10	11.1	4.43	4	0.02	0.19	51
1071099	411021	7086348	8N	0.2	2.12	33.3	10.3	2	421	0.5	0.42	0.4	9.9	33	33.9	3.39	6	0.05	0.28	28
1071100	410972	7086364	8N	0.1	1.19	24.2	4.6	3	232	0.5	0.38	0.1	7.1	21	11.9	2.6	4	0.03	0.17	31
1071101	410598	7087737	8N	0.2	1.71	298.4	5	2	259	1.4	0.29	0.1	8.2	30	21.6	2.56	6	0.05	0.07	27
1071102	410599	7087687	8N	0.2	1.28	144.6	5.2	2	211	0.9	0.22	0.2	6	24	16	1.91	5	0.04	0.05	25
1071103	410599	7087637	8N	0.1	1.55	43.2	4.8	3	186	0.7	0.22	0.2	7.3	26	14.3	2.13	4	0.03	0.08	22
1071104	410599	7087287	8N	0.05	1.38	65.2	10.4	1	123	0.4	0.17	0.2	8.1	25	12.8	2.37	4	0.03	0.08	19
1071105	410599	7087336	8N	0.05	1.3	66.2	77.8	3	132	0.7	0.21	0.4	8	28	17.6	2.31	4	0.03	0.1	21

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1071055	0.43	308	2.3	0.008	19.1	0.075	9.9	0.025	2	2.9	0.25	19	0.1	9.1	0.075	0.2	5.3	44	2.4	60
1071057	0.46	390	1.4	0.009	21.4	0.088	9.8	0.025	1.5	2.4	0.25	23	0.1	8	0.074	0.2	1.9	44	2.6	64
1071059	0.44	358	0.8	0.011	16.8	0.068	25.2	0.025	1.3	1.4	0.6	22	0.1	0.9	0.021	0.2	1	38	0.2	62
1071060	0.47	307	0.7	0.019	23.3	0.068	34.4	0.025	1.7	2.3	0.6	34	0.1	2.4	0.032	0.2	1.1	38	0.3	69
1071061	0.59	363	0.9	0.017	23.8	0.065	36.5	0.025	2.4	3.2	0.6	39	0.1	2.4	0.049	0.2	1	54	0.2	83
1071062	0.61	249	0.9	0.029	22.8	0.058	23.5	0.025	1.9	3.4	0.25	42	0.1	4.3	0.066	0.2	1.1	48	0.3	73
1071065	0.73	281	0.6	0.104	22.2	0.053	9.3	0.025	0.9	2.9	0.25	46	0.1	4.6	0.055	0.2	0.9	39	0.4	59
1071066	0.55	215	0.2	0.057	19.8	0.057	10.7	0.08	0.8	2.4	0.9	46	0.1	4.4	0.035	0.1	1	40	0.2	65
1071067	0.78	272	0.5	0.049	21.3	0.065	12.6	0.07	1.6	2.5	1.3	58	0.1	3.3	0.045	0.2	1.8	39	0.2	67
1071068	0.72	196	0.6	0.029	23.5	0.063	13.3	0.11	2.3	2.6	0.9	46	0.1	3.7	0.043	0.2	2.7	47	0.2	72
1071069	0.85	439	1.3	0.023	22.1	0.08	11.5	0.09	2.8	2.4	1.5	63	0.1	3	0.05	0.2	2	56	0.2	82
1071070	0.56	682	0.5	0.042	18	0.053	8.5	0.05	0.8	2.3	1	51	0.1	3.1	0.033	0.1	1.5	27	0.3	59
1071071	0.27	209	1	0.006	11	0.051	9.3	0.06	0.8	1.3	0.7	12	0.1	4	0.043	0.1	1.2	36	0.8	51
1071072	0.41	282	1.1	0.009	15	0.063	9.9	0.025	1.2	2.3	0.25	20	0.1	7.4	0.046	0.2	3.3	40	0.8	57
1071073	0.48	267	0.8	0.01	16.9	0.074	7.8	0.025	1.1	2	0.7	21	0.1	9.6	0.071	0.2	3	37	1.3	62
1071074	0.51	353	0.9	0.009	16.9	0.07	9.5	0.025	1.7	2.4	0.25	23	0.1	11.3	0.075	0.3	2.6	40	0.8	64
1071075	0.45	421	1.2	0.008	16.5	0.065	10.5	0.025	1.5	1.9	0.8	19	0.1	8.5	0.066	0.2	1.9	44	1.1	66
1071076	0.42	426	0.9	0.008	17.2	0.088	15.3	0.025	2.7	1.4	0.25	23	0.1	1.1	0.03	0.2	1.5	41	0.5	59
1071077	0.39	201	0.5	0.01	16.6	0.067	10.6	0.025	1.6	1.9	0.25	21	0.1	5.1	0.035	0.05	0.8	27	0.4	52
1071078	0.41	229	0.8	0.014	18.1	0.072	13.9	0.025	1.5	1.9	0.8	33	0.1	3.9	0.037	0.1	1.3	32	0.5	61
1071079	0.4	341	0.7	0.017	19.9	0.063	15.8	0.025	1.2	2.1	0.6	33	0.1	4.6	0.032	0.1	1.5	32	0.5	67
1071080	0.41	245	0.8	0.009	17.1	0.059	11.3	0.025	1	1.9	0.6	33	0.1	5.7	0.041	0.1	1.5	32	0.4	53
1071081	0.42	242	0.5	0.008	16.2	0.064	11.7	0.025	1.1	1.9	0.7	25	0.1	5.6	0.038	0.1	1.1	32	0.5	54
1071082	0.39	289	0.6	0.01	16.6	0.07	15.6	0.025	1.2	2	0.7	25	0.1	3	0.032	0.05	1.1	34	0.4	62
1071083	0.41	213	0.5	0.007	14.3	0.08	13.9	0.025	1.2	1.6	0.25	22	0.1	3.6	0.04	0.1	1.3	34	0.4	57
1071084	0.44	285	0.5	0.026	21.4	0.081	35	0.025	1.3	2.2	0.7	37	0.1	3.3	0.033	0.1	1	36	0.4	68
1071085	0.61	257	0.6	0.009	47.8	0.071	10	0.025	0.8	3.1	0.25	34	0.1	6.2	0.097	0.2	0.9	46	0.2	68
1071086	1.27	369	0.4	0.012	125.7	0.057	7	0.025	0.6	3.9	0.25	48	0.1	7.5	0.14	0.6	0.8	57	0.1	59
1071087	0.52	322	0.9	0.007	32	0.059	9	0.06	0.8	2.4	0.8	17	0.1	4.4	0.067	0.2	0.7	47	0.2	66
1071088	0.57	354	0.6	0.007	25.6	0.057	18	0.025	0.9	2.7	0.25	31	0.1	6.4	0.088	0.3	1	48	0.2	72
1071089	0.36	278	0.8	0.006	18.2	0.033	11.6	0.025	0.8	1.7	0.25	11	0.1	2.4	0.048	0.1	0.6	43	0.2	52
1071090	0.55	288	0.7	0.006	33.7	0.039	11.8	0.025	0.7	2.8	0.6	14	0.1	4.2	0.088	0.3	0.9	51	0.3	60
1071091	0.77	506	0.7	0.007	69	0.065	36.7	0.025	1.1	3.8	0.25	22	0.1	8.6	0.1	0.4	1.8	59	1	96
1071092	0.62	353	0.8	0.007	41.9	0.068	13	0.025	0.7	2.9	0.8	17	0.1	6.2	0.092	0.3	1.4	55	0.8	69
1071093	0.62	330	0.6	0.006	37.9	0.038	48.1	0.025	2.5	3.6	0.25	18	0.1	8.5	0.071	0.4	2.8	35	0.8	79
1071094	0.64	200	0.7	0.007	33	0.058	12.5	0.025	1.1	4.1	0.6	14	0.1	5.6	0.094	0.3	1.2	50	0.4	70
1071095	0.59	313	0.6	0.008	30.4	0.057	13	0.025	0.8	4.5	0.25	19	0.1	6	0.099	0.2	1.3	57	0.3	74
1071096	0.52	336	1.1	0.009	24	0.08	41.5	0.025	0.8	3.4	0.5	18	0.1	4.9	0.081	0.2	1.8	52	0.6	83
1071097	0.24	1469	1.2	0.004	9.5	0.164	54.7	0.025	3	10.6	0.25	33	0.1	16.2	0.006	0.2	17.3	33	3.9	163
1071099	0.64	493	1.2	0.009	23.7	0.093	15.1	0.025	1.1	5.6	0.5	44	0.1	9.5	0.11	0.4	2.5	62	1.3	99
1071100	0.45	377	0.7	0.01	12.8	0.123	10.4	0.025	1.8	3.9	0.6	26	0.1	8.9	0.101	0.3	1.8	44	0.7	70
1071101	0.41	362	3	0.009	16.4	0.064	12.6	0.025	2.3	2.8	0.25	27	0.1	2.4	0.043	0.3	7.2	52	1.2	58
1071102	0.38	238	2.4	0.008	13.1	0.064	8.7	0.08	2.5	2.2	0.25	22	0.1	2	0.037	0.3	7.4	37	0.7	50
1071103	0.44	233	1.4	0.006	15.6	0.059	10.4	0.025	2.7	2.6	0.6	23	0.1	3.4	0.042	0.2	5.6	38	0.7	55
1071104	0.4	435	1	0.006	14.8	0.074	9.8	0.025	1.4	2.3	0.25	15	0.1	5.6	0.056	0.2	2.3	43	1.6	61
1071105	0.41	312	1	0.008	18.1	0.077	10.2	0.025	1.7	2.6	0.25	16	0.1	7.3	0.069	0.2	2.6	42	2.3	61

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1071106	410599	7087386	8N	0.2	1.43	66.6	6	2	177	0.7	0.18	0.3	7.2	29	15.8	2.37	5	0.03	0.07	18
1071107	410599	7087437	8N	0.1	1.45	77	13.1	3	168	0.8	0.18	0.9	7.5	29	14	2.33	5	0.03	0.06	18
1071108	410598	7087486	8N	0.1	1.4	36.3	10.8	3	133	0.6	0.17	0.4	6	26	13.8	1.87	5	0.02	0.06	18
1071109	410599	7087537	8N	0.1	1.22	52.9	26.4	3	127	0.6	0.2	0.3	6.6	26	15.2	2.56	4	0.05	0.08	21
1071110	410598	7087587	8N	0.1	1.04	21.3	8.6	2	104	0.4	0.23	0.3	5.3	24	16.6	1.77	4	0.03	0.08	20
1071111	410698	7088786	8N	0.3	1.5	219.2	12.3	1	239	5	0.21	0.3	7.3	27	44.9	2.1	5	0.06	0.06	27
1071112	410698	7088736	8N	0.4	1.72	163.1	12.3	0.5	253	2.4	0.44	0.3	10.5	40	73.7	2.51	7	0.04	0.17	44
1071113	410698	7088686	8N	0.2	1.37	107.3	22.2	1	223	2.7	0.29	0.3	9.3	30	36.6	2.36	5	0.04	0.09	33
1071114	410709	7088627	8N	0.2	1.59	105.4	13.4	2	201	2	0.2	0.4	8.8	33	40.4	2.57	6	0.04	0.11	28
1071115	410698	7088586	8N	0.2	1.21	159.3	3	0.5	166	2.5	0.16	0.4	6	26	36.8	2.11	5	0.05	0.07	19
1071116	410699	7088535	8N	0.2	1.1	39.3	7	0.5	211	1.1	0.21	0.4	8.3	27	37	2.17	4	0.04	0.09	25
1071117	410698	7088486	8N	0.3	1.41	52	14.3	2	232	1.9	0.27	0.3	7.8	30	30.5	2.41	5	0.05	0.08	27
1071118	410698	7088436	8N	0.8	1.89	252.4	5.9	1	292	4.3	0.39	0.3	11.3	37	86.9	2.98	6	0.08	0.1	37
1071119	410699	7088385	8N	0.3	1.32	79.1	4.8	0.5	255	1.8	0.37	0.1	8.5	28	36	2.28	5	0.07	0.07	25
1071120	410698	7088336	8N	0.1	1.35	43.5	15.5	2	164	0.9	0.17	0.4	8	25	22.3	2.26	4	0.04	0.07	25
1071121	410698	7088285	8N	0.1	1.29	90.1	6.4	1	164	1.1	0.23	0.3	8.4	28	24	2.25	4	0.03	0.09	23
1071122	410699	7088235	8N	0.2	1.61	68	4	1	124	1.4	0.21	0.3	8.2	32	20.8	2.72	5	0.05	0.11	21
1071123	410698	7088186	8N	0.05	2.01	126.5	10.5	0.5	337	3.8	0.5	0.4	9.6	39	31.1	2.67	7	0.02	0.16	31
1071124	410699	7088136	8N	0.4	1.97	251.1	10.8	1	372	2.8	0.44	0.3	11.7	35	45.4	3.11	6	0.06	0.13	41
1071125	410684	7088089	8N	0.2	1.18	50.4	2.1	1	90	0.8	0.1	0.3	5.5	26	12.5	2.69	5	0.07	0.06	16
1071126	410599	7088787	8N	0.3	0.95	88.2	17.9	0.5	202	1.4	0.22	0.4	7.6	24	31.5	2.11	3	0.04	0.08	24
1071127	410598	7088736	8N	0.2	1.46	98.7	6.8	0.5	195	1.8	0.23	0.4	9.1	31	41.5	2.39	5	0.03	0.11	31
1071128	410598	7088687	8N	0.5	1.68	150.9	6.1	0.5	269	3.8	0.34	0.6	9.5	36	52.6	2.48	6	0.02	0.13	33
1071129	410598	7088638	8N	0.1	1.22	54.5	5	2	181	1.2	0.22	0.4	8.4	27	32.8	2.31	4	0.03	0.08	21
1071130	410598	7088586	8N	0.3	1.39	98.8	7.4	1	266	1.8	0.32	0.3	8.2	31	42.8	2.28	5	0.06	0.11	29
1071131	410598	7088536	8N	0.4	1.45	110	6.8	2	218	2.1	0.22	0.1	6.9	29	37.1	2.2	5	0.04	0.07	24
1071132	410598	7088487	8N	0.7	1.44	267.6	21.4	2	169	2.7	0.26	0.3	6.2	30	56.3	2.34	5	0.05	0.07	26
1071133	413146	7087460	8N	0.05	0.9	9.8	1.1	0.5	48	0.2	0.09	0.1	13.5	15	25.1	2.04	3	0.02	0.04	16
1071134	413185	7087991	8N	0.05	1.08	8.7	0.25	0.5	54	0.2	0.05	0.2	7	17	19.1	2.35	4	0.02	0.04	15
1071135	413149	7087509	8N	0.05	1.19	10.1	2.2	1	62	0.1	0.13	0.2	9.4	20	17.2	2.47	4	0.06	0.05	13
1071136	413144	7087559	8N	0.05	1.24	10	0.25	0.5	68	0.3	0.07	0.1	7.5	19	21.3	2.68	4	0.04	0.09	20
1071137	413149	7087609	8N	0.1	1.67	9.7	0.25	0.5	82	0.4	0.07	0.2	15.4	25	43.7	3.45	5	0.03	0.18	33
1071138	413140	7087659	8N	0.05	1.16	8.3	6.2	0.5	67	0.2	0.08	0.2	14.3	17	30.7	2.69	4	0.03	0.09	26
1071139	413151	7087707	8N	0.1	2.21	15	0.6	0.5	82	0.3	0.35	0.1	48	34	39.9	3.1	6	0.03	0.25	27
1071140	413130	7087753	8N	0.05	0.93	10	2.9	0.5	84	0.2	0.11	0.2	9.5	16	28.3	2.3	3	0.04	0.05	24
1071141	413154	7087796	8N	0.05	1.19	10.7	2.7	1	82	0.2	0.13	0.2	51.5	17	27.8	2.43	3	0.03	0.06	17
1071142	413173	7087843	8N	0.5	1.23	15.4	0.25	0.5	62	0.7	0.05	0.2	5.8	18	23.7	2.63	4	0.06	0.04	12
1071143	413178	7087893	8N	0.05	0.91	9.5	5.7	0.5	56	0.1	0.12	0.2	13.5	16	14.5	2	3	0.04	0.03	14
1071144	413191	7087941	8N	0.05	0.92	8.7	4.1	0.5	51	0.3	0.06	0.2	6.6	18	21.3	2.42	3	0.05	0.04	22
1071145	413200	7088040	8N	0.05	1.3	8.1	7.3	0.5	53	0.2	0.05	0.2	6.5	21	22.8	3.11	5	0.03	0.05	21
1071146	413216	7088088	8N	0.1	1.07	13.2	3.3	0.5	67	0.4	0.05	0.1	5.4	19	20.9	2.59	4	0.07	0.04	18
1071147	413213	7088137	8N	0.05	1.3	13.2	1.3	0.5	69	0.2	0.05	0.2	35	18	25.4	2.66	4	0.02	0.06	20
1071148	413226	7088186	8N	0.05	1.24	12.8	0.25	0.5	58	0.3	0.05	0.2	5.4	19	17.9	2.62	4	0.02	0.05	21
1071149	413216	7088234	8N	0.05	0.97	12.7	4.8	0.5	61	0.2	0.09	0.1	7.1	17	21.1	2.29	3	0.04	0.04	16
1071150	413226	7088283	8N	0.05	1.22	8.4	2.8	0.5	58	0.2	0.05	0.05	5.9	18	19.1	2.44	4	0.06	0.07	13
1071151	411098	7087587	8N	0.1	1.09	29.5	3.9	1	101	0.3	0.2	0.1	7.8	21	22.6	2.21	3	0.03	0.06	16

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1071106	0.42	348	1.1	0.008	18.5	0.063	11.4	0.025	1.6	2.6	0.25	20	0.1	2.7	0.041	0.2	3.1	44	0.9	57
1071107	0.43	427	1.4	0.008	16.4	0.064	10.5	0.07	2.1	2.6	0.25	19	0.1	1.9	0.037	0.2	3.9	45	0.7	57
1071108	0.41	167	1.2	0.006	14.8	0.062	10.6	0.07	1.7	2.3	0.25	16	0.1	2.3	0.036	0.2	3.5	40	0.7	54
1071109	0.38	219	1	0.007	14.2	0.076	9.9	0.025	1.7	3	0.25	15	0.1	5.1	0.046	0.2	3.9	39	1	49
1071110	0.4	165	1.1	0.006	15.9	0.075	7.2	0.025	1.3	2.4	0.25	17	0.1	6.5	0.065	0.2	4	35	0.9	51
1071111	0.41	264	1.3	0.014	17.2	0.08	12.6	0.025	5.5	2.7	0.5	29	0.1	4.3	0.066	0.2	4.8	45	1.5	63
1071112	0.68	514	1	0.016	17.5	0.112	14.4	0.025	3.4	5.5	0.5	57	0.1	13	0.137	0.3	5.7	56	2.7	73
1071113	0.47	458	1	0.01	19.5	0.092	10.7	0.025	2.6	3.2	0.25	34	0.1	9.5	0.082	0.3	4.1	47	3.8	69
1071114	0.53	395	1.4	0.015	20	0.084	13.2	0.025	3.2	3.4	0.6	21	0.1	7.9	0.099	0.3	5.1	53	4	73
1071115	0.36	218	1.2	0.011	15.8	0.073	11.5	0.025	1.7	1.9	0.25	19	0.1	3.7	0.062	0.2	2.9	41	3.2	56
1071116	0.43	376	0.9	0.011	18.8	0.074	9.2	0.025	1.5	2.4	0.25	21	0.1	8.9	0.076	0.2	2.3	42	5.9	62
1071117	0.44	323	2.1	0.011	17	0.079	15	0.025	2.6	2.8	0.25	28	0.1	4.3	0.064	0.2	5.4	52	4.5	61
1071118	0.55	653	4.2	0.014	21.4	0.105	17.5	0.025	4.2	3.9	0.8	40	0.1	6.1	0.076	0.4	12	59	5.6	78
1071119	0.45	420	2.5	0.01	14.8	0.075	11.7	0.025	2.1	3.1	0.25	34	0.1	6.4	0.065	0.3	5.4	45	2.8	54
1071120	0.38	332	1.5	0.007	17.1	0.06	11.4	0.025	1.2	2.5	0.25	19	0.1	7.4	0.06	0.2	3.1	42	3.8	58
1071121	0.45	361	1.4	0.008	18.5	0.075	11.3	0.025	1.6	2.6	0.25	46	0.1	10.6	0.088	0.2	2.7	44	5.7	60
1071122	0.49	243	1.7	0.008	17.4	0.069	12.9	0.025	4.2	2.7	0.25	49	0.1	10.4	0.112	0.3	2.1	50	5.5	62
1071123	0.74	459	1.3	0.008	18.2	0.113	14.9	0.025	4.1	5.6	0.25	58	0.1	16.6	0.054	0.3	2.9	52	3.3	72
1071124	0.6	653	3.5	0.013	23.5	0.093	19.3	0.025	3.9	5.6	0.6	47	0.1	11	0.075	0.3	10.9	56	3.4	86
1071125	0.35	201	2.1	0.006	13.3	0.04	12.9	0.025	1.3	2	0.25	14	0.1	5.8	0.077	0.1	1.3	54	3.1	46
1071126	0.39	367	0.9	0.008	17.4	0.084	12.8	0.025	3.9	2.9	0.25	19	0.1	7.7	0.066	0.2	2.5	41	3.1	63
1071127	0.48	453	1.1	0.011	19.8	0.095	13.1	0.025	2.1	3	0.25	25	0.1	10.9	0.086	0.3	3.5	47	3.2	70
1071128	0.62	453	1	0.01	17.8	0.091	21.3	0.025	3.3	3.7	0.25	43	0.1	11.6	0.084	0.3	3.3	49	2.3	76
1071129	0.44	366	1.3	0.01	19.2	0.081	12	0.025	1.7	2.3	0.6	19	0.1	7.1	0.07	0.2	2.7	44	6.8	68
1071130	0.46	442	1.3	0.012	16.6	0.08	19.3	0.025	2.7	2.9	0.5	52	0.1	8.5	0.078	0.3	3.7	48	6	68
1071131	0.47	335	2.3	0.008	15	0.074	14.3	0.025	2.9	3	0.5	56	0.1	5	0.052	0.2	3.7	44	2.6	54
1071132	0.47	204	2.7	0.007	16	0.077	20.5	0.025	7.7	3	0.25	25	0.1	5.5	0.046	0.3	5	45	3.7	59
1071133	0.26	190	0.7	0.004	21.9	0.055	9.6	0.025	0.9	1	0.25	12	0.1	2.1	0.018	0.1	1	29	0.2	45
1071134	0.3	191	0.9	0.003	14.2	0.024	9.9	0.025	0.6	1.3	0.25	8	0.1	3.8	0.021	0.05	0.8	33	0.1	43
1071135	0.36	285	0.9	0.005	18.8	0.07	10.7	0.025	0.8	1.4	0.25	14	0.1	2.2	0.024	0.1	0.7	35	0.2	62
1071136	0.35	191	0.9	0.01	18.7	0.052	12.1	0.08	1.7	1.3	0.25	19	0.1	2.9	0.024	0.1	1.1	29	0.3	54
1071137	0.56	293	1.4	0.031	28.9	0.078	32.7	0.17	1.3	1.6	0.25	36	0.1	6.9	0.025	0.2	2.6	25	0.2	75
1071138	0.42	221	0.9	0.015	26.8	0.046	16.6	0.1	1	1.4	0.25	25	0.1	6.7	0.028	0.1	1.4	25	0.3	67
1071139	0.75	533	1.7	0.015	58	0.056	26.3	0.06	1.8	2.3	0.25	185	0.1	12.2	0.044	0.2	2.7	24	0.2	75
1071140	0.33	233	0.7	0.008	18.8	0.055	9.3	0.025	0.8	1	0.25	17	0.1	3.2	0.019	0.05	1.2	24	0.1	51
1071141	0.38	659	1.7	0.006	53.2	0.059	10.1	0.025	0.9	1.5	0.25	25	0.1	5.4	0.03	0.2	1.7	29	0.3	66
1071142	0.27	193	1.1	0.007	14.6	0.03	10.6	0.025	0.9	1.7	0.25	8	0.1	3.9	0.025	0.1	0.6	40	0.1	46
1071143	0.25	354	0.7	0.003	21.8	0.059	15.4	0.025	0.6	1.1	0.25	9	0.1	2.3	0.025	0.05	0.6	29	0.2	51
1071144	0.29	185	1.2	0.006	14.3	0.044	12.4	0.05	1.1	1.2	0.25	12	0.1	3.3	0.018	0.05	1	27	0.1	48
1071145	0.39	187	0.8	0.006	17.2	0.033	10.4	0.05	1.1	1.4	0.25	12	0.1	4.5	0.023	0.1	1.2	34	0.1	56
1071146	0.28	177	1	0.007	14.6	0.05	10.1	0.08	1	1.2	0.25	10	0.1	2.2	0.019	0.1	1	32	0.2	45
1071147	0.4	427	0.5	0.003	37	0.028	12.5	0.06	0.9	1.6	0.25	8	0.1	5.7	0.022	0.1	1.3	28	0.2	61
1071148	0.31	181	0.9	0.008	14.4	0.027	10.2	0.025	0.7	1.4	0.25	16	0.1	5.2	0.023	0.1	1.1	35	0.2	45
1071149	0.29	184	0.8	0.007	16.9	0.045	8.1	0.025	0.7	1.1	0.25	15	0.1	2.5	0.025	0.1	1	30	0.3	48
1071150	0.3	137	0.9	0.006	15.7	0.032	8.8	0.06	0.6	1.4	0.25	12	0.1	3.2	0.035	0.1	0.8	34	0.2	38
1071151	0.39	273	1.1	0.004	18.4	0.075	8.6	0.025	2.9	1.9	0.5	16	0.1	4.8	0.044	0.1	2.1	34	1.1	55

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1071152	411097	7087536	8N	0.05	1.21	26.8	1.8	0.5	110	0.4	0.12	0.05	6	21	11.7	2.01	4	0.03	0.05	14
1071153	411098	7087486	8N	0.1	1.22	29.6	3.7	1	113	0.3	0.12	0.05	5	22	12.5	1.77	4	0.03	0.05	17
1071154	409399	7087637	8N	0.2	1.43	21.4	9.4	1	278	0.4	0.3	0.2	7.8	28	20.8	2.18	5	0.02	0.06	12
1071155	409400	7087587	8N	0.2	1.62	45	17.9	2	274	0.8	0.32	0.3	9.4	33	37.1	2.53	5	0.03	0.12	21
1071156	409398	7087537	8N	0.2	2.07	67.6	3	0.5	217	1.2	0.29	0.2	9.1	33	40.7	2.48	6	0.03	0.09	14
1071157	409400	7087487	8N	0.4	2.08	43.2	8	0.5	333	0.3	0.69	0.4	9.7	37	88.8	2.49	6	0.03	0.15	13
1071158	409399	7087437	8N	0.4	2.52	68.3	8.6	0.5	491	0.4	0.82	0.9	13.1	39	101.1	3.1	7	0.03	0.34	17
1071159	409398	7087386	8N	0.2	1.74	61.4	6.9	1	266	0.5	0.58	0.4	10.8	30	44.1	2.58	5	0.02	0.15	18
1071160	409397	7087386	8N	0.2	1.74	76.8	8.1	2	265	0.7	0.6	0.4	10.7	31	49.3	2.47	5	0.03	0.16	19
1071161	409399	7087336	8N	0.2	2.32	18.5	3.3	1	213	0.4	1.04	0.4	9.2	30	21.2	2.1	7	0.02	0.07	14
1071162	409398	7087287	8N	0.1	2.16	12.6	1.3	0.5	264	0.2	3.44	0.3	8.7	32	19.2	2.25	6	0.03	0.07	16
1071163	409798	7087287	8N	0.05	1.07	11.3	10.4	1	147	0.5	0.21	0.3	7.4	24	21.2	2.36	3	0.03	0.07	18
1071164	409797	7087337	8N	0.2	1.42	14	7.7	2	164	0.4	0.15	0.2	8.8	24	20.6	2.44	4	0.03	0.07	15
1071165	413993	7082550	8N	0.05	1.26	6.8	2.3	0.5	72	0.5	0.02	0.05	5.8	18	59.5	4.47	4	0.02	0.06	69
1071166	409399	7087687	8N	0.05	2.26	49.4	13	2	242	1	0.29	0.2	9.8	46	18.2	2.73	7	0.02	0.2	21
1071167	409398	7087737	8N	0.1	1.18	31.7	8.7	2	180	0.6	0.32	0.3	8	25	18.8	2.23	4	0.03	0.13	20
1071168	411200	7088787	8N	2.9	1.34	1797.7	60.9	3	179	10.9	0.62	0.7	6.8	25	176.3	2.39	4	0.06	0.07	20
1071169	411200	7088735	8N	0.4	1.25	311.8	12.2	0.5	177	3.2	0.26	0.3	8.4	27	62.6	2.32	4	0.06	0.08	28
1071170	411200	7088686	8N	0.3	1.5	617.8	23.4	2	154	4.8	0.22	0.3	9.7	31	93	2.62	5	0.06	0.09	28
1071171	411200	7088636	8N	0.5	1.3	443.7	16.7	2	146	5.2	0.21	0.3	9.2	26	71.9	2.34	4	0.07	0.08	22
1071172	411199	7088585	8N	0.3	1.56	508.6	15.5	0.5	236	2.7	0.3	0.4	10.9	31	76.7	2.61	5	0.05	0.11	34
1071173	411201	7088536	8N	0.3	1.46	260.7	9.1	2	188	2.4	0.29	0.3	9	31	78.6	2.48	5	0.05	0.11	32
1071174	411201	7088485	8N	0.2	1.33	211.1	8.5	1	155	2.4	0.28	0.3	9	30	50.5	2.43	5	0.05	0.11	23
1071175	411201	7088435	8N	0.4	1.47	143.5	9.8	1	230	2	0.28	0.3	10	32	59	2.5	5	0.04	0.13	30
1071176	411198	7088384	8N	0.6	0.56	360.1	2.9	1	130	3.2	0.27	0.7	12.9	12	64	3.34	2	0.03	0.09	47
1071178	411195	7088336	8N	0.3	0.96	353	19.8	2	162	1.5	0.32	0.3	10.6	19	49.9	3.46	3	0.02	0.1	39
1071179	411198	7088284	8N	0.2	1.11	172.9	6.9	1	116	1.5	0.2	0.2	7.1	27	39.9	2.27	4	0.04	0.09	19
1071180	411198	7088235	8N	0.2	1.17	66.2	14.8	2	167	1.1	0.18	0.4	8	25	32.9	2.21	4	0.04	0.09	22
1071181	411199	7088184	8N	0.2	1.5	119.3	4.8	1	234	1.7	0.22	0.4	9.1	29	44.5	2.55	5	0.02	0.1	23
1071182	411200	7088136	8N	0.1	1.46	49	8.1	1	204	0.7	0.23	0.4	9.1	27	25	2.34	4	0.04	0.11	24
1071183	411198	7088086	8N	0.05	1.3	34.2	6.7	2	189	0.8	0.12	0.3	6.3	24	19.4	2.32	4	0.04	0.06	23
1071184	411197	7088035	8N	0.1	1.27	105.1	7.9	1	312	1.7	0.23	0.3	8.5	24	31.1	2.43	4	0.04	0.06	32
1071185	410999	7087988	8N	0.3	1.33	76.9	15.4	1	217	1.1	0.21	0.2	9.1	28	23.8	2.29	4	0.05	0.09	23
1071186	410999	7087937	8N	0.2	1.36	79.3	5.7	1	253	1	0.26	0.3	9.7	32	24	2.51	5	0.04	0.1	22
1071187	410998	7087889	8N	0.5	0.87	54.1	4	1	125	0.8	0.11	0.1	3.7	19	15.6	1.44	4	0.05	0.05	18
1071188	410998	7087836	8N	0.1	0.82	98.8	25.6	1	101	0.8	0.12	0.2	5.8	19	14.6	1.51	4	0.03	0.07	15
1071189	410989	7087788	8N	0.1	0.86	65.1	5	0.5	92	0.8	0.07	0.1	2.7	19	12	1.63	4	0.05	0.04	10
1071190	410997	7087738	8N	0.1	1.33	79.9	8.3	0.5	171	0.7	0.21	0.2	7.2	24	21.4	2.36	4	0.03	0.08	26
1071191	410997	7087687	8N	0.1	1.32	80.8	5.2	1	181	0.9	0.14	0.05	7	24	17	2.16	4	0.03	0.06	22
1071192	410998	7087589	8N	0.05	1.72	87.8	3.5	2	198	1	0.17	0.1	8.5	31	27	2.54	6	0.03	0.09	28
1071193	410998	7087539	8N	0.2	1.67	73.9	4.2	2	221	0.6	0.23	0.05	6.9	31	14.8	2.11	5	0.05	0.06	20
1071194	410997	7087487	8N	0.1	1.51	28.6	4.7	0.5	168	0.5	0.21	0.05	8.7	29	15.7	2.4	4	0.04	0.07	21
1071195	410996	7087336	8N	0.2	1.67	32.3	7.8	2	196	0.7	0.4	0.05	8.1	30	16.5	2.44	5	0.05	0.07	33
1071196	410998	7087287	8N	0.1	1.79	32	2.2	3	197	0.7	0.38	0.05	6.5	29	14.6	2.28	5	0.03	0.06	30
1071202	410599	7088436	8N	0.3	1.26	97.8	3.8	2	218	1.4	0.21	0.3	4.7	26	42.2	1.98	5	0.04	0.06	26
1071203	410619	7088386	8N	0.2	1.17	33.1	9.5	0.5	207	0.8	0.23	0.3	8.2	27	38.7	2.27	4	0.04	0.08	30

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1071152	0.35	266	1.7	0.005	12.9	0.05	8	0.025	8	1.2	0.25	11	0.1	1.2	0.028	0.2	2.2	35	0.8	46
1071153	0.36	164	2	0.005	12.5	0.057	7.1	0.025	4.4	1.6	0.25	11	0.1	1.6	0.03	0.2	5.6	33	0.4	47
1071154	0.49	294	1.5	0.008	20.5	0.066	9	0.025	1	1.6	0.25	26	0.1	1	0.04	0.2	1.3	49	0.5	63
1071155	0.55	276	1.5	0.011	24.6	0.081	11.7	0.025	1.8	3.4	0.5	33	0.1	6.4	0.079	0.3	2	53	0.8	74
1071156	0.68	208	1.9	0.007	26.1	0.075	13.8	0.025	1.4	2.6	0.7	35	0.1	2.5	0.059	0.2	1.5	64	0.4	93
1071157	0.88	244	2.3	0.017	32.8	0.115	14.3	0.025	2.8	3.1	1	86	0.1	4.6	0.071	0.3	1.7	76	0.2	116
1071158	1.11	393	3	0.027	35.6	0.139	22.4	0.025	2.4	4.9	1.4	117	0.1	7	0.102	0.4	3.3	90	0.4	141
1071159	0.75	369	1	0.031	28.3	0.088	10.3	0.025	1.5	3.8	0.25	53	0.1	6.1	0.068	0.2	1.1	54	0.3	72
1071160	0.77	359	1	0.031	27.7	0.088	10.5	0.025	1.5	3.6	0.25	54	0.1	6.5	0.071	0.2	1.1	53	0.4	71
1071161	0.73	338	0.7	0.088	24	0.079	10.6	0.025	1.4	2.5	0.6	84	0.1	2.3	0.043	0.2	0.8	51	0.2	59
1071162	0.86	316	0.5	0.09	23.8	0.065	9.7	0.025	1.5	3.4	0.7	143	0.1	4.1	0.062	0.1	0.6	47	0.2	56
1071163	0.35	274	0.8	0.006	21	0.076	7.7	0.025	1.1	2	0.25	16	0.1	4.1	0.049	0.1	1	45	0.6	57
1071164	0.4	354	0.8	0.006	20.3	0.071	10	0.025	0.8	2.1	0.25	14	0.1	1.9	0.034	0.1	1	44	0.4	66
1071165	0.45	138	1.7	0.01	12.3	0.052	28.2	0.025	0.5	1.1	0.25	13	0.1	20.9	0.004	0.05	2.5	15	0.05	72
1071166	0.72	364	1	0.009	18.7	0.097	11.3	0.025	1.8	3.3	0.25	22	0.1	11.5	0.122	0.5	1.7	59	1.3	77
1071167	0.5	299	1	0.011	17.4	0.101	10	0.025	1.4	2.4	0.25	24	0.1	8.4	0.079	0.2	1.6	44	1.2	64
1071168	0.48	338	0.7	0.019	16.7	0.088	25.3	0.07	1033.5	2.3	1.8	33	1.2	4	0.034	0.4	2.3	32	0.5	72
1071169	0.44	365	1.1	0.009	18.9	0.08	9.8	0.025	52.2	2.4	0.7	21	0.1	8.5	0.068	0.2	3.5	46	3.6	62
1071170	0.5	372	1.2	0.008	20.9	0.083	13.4	0.025	179.6	2.6	0.25	17	0.1	8.1	0.074	0.3	4.5	49	2.7	66
1071171	0.44	393	1	0.008	20.7	0.069	9.7	0.025	15.6	2.1	0.7	16	0.1	6.4	0.062	0.3	2.6	44	3.5	62
1071172	0.5	674	1.4	0.009	22.2	0.095	11.5	0.025	26.7	3.8	0.7	27	0.1	10.8	0.082	0.3	7.9	52	3.8	78
1071173	0.5	297	1.3	0.011	20	0.087	9.8	0.025	37.3	3.4	0.8	27	0.1	9.8	0.092	0.3	7.8	51	3	71
1071174	0.48	452	1.5	0.009	19.2	0.09	10	0.025	7.4	2.4	0.25	20	0.1	8.7	0.09	0.3	3.2	49	8.9	66
1071175	0.5	432	1.2	0.009	20.8	0.084	10	0.025	5.6	2.6	0.25	22	0.1	9.3	0.098	0.3	3.9	52	5.8	67
1071176	0.11	369	3.4	0.003	12	0.085	76.2	0.025	129.7	10	0.6	71	0.1	23.1	0.002	0.3	18	19	4.5	126
1071178	0.22	604	4.4	0.006	13.9	0.112	35.3	0.09	103.6	6	0.25	50	0.1	15.7	0.008	0.5	11.5	32	3.7	96
1071179	0.39	260	1.3	0.005	15	0.064	11.1	0.025	25.2	2.6	0.7	13	0.1	8	0.061	0.2	3.3	41	5.1	53
1071180	0.41	356	1	0.008	17.4	0.074	11.3	0.025	10.2	2.5	0.25	15	0.1	8	0.068	0.2	2.4	42	3.4	64
1071181	0.48	396	1.7	0.01	22.9	0.083	13.3	0.025	7.5	3	0.25	18	0.1	9.7	0.082	0.2	4	46	6.3	77
1071182	0.45	419	1.2	0.009	19.7	0.078	10.1	0.025	3.9	2.4	0.6	17	0.1	8.7	0.074	0.2	2.4	44	12	66
1071183	0.34	218	1.1	0.009	15.4	0.047	11.4	0.025	2.5	2.3	0.25	14	0.1	8.1	0.062	0.2	2.8	42	4.6	50
1071184	0.43	383	1.2	0.007	16.4	0.071	13.2	0.025	3.9	3.1	0.7	32	0.1	9.6	0.046	0.2	3.5	38	3.5	59
1071185	0.41	406	2.7	0.009	17.1	0.078	11.3	0.025	14	2.5	0.25	20	0.1	6.6	0.063	0.2	4	48	5.3	63
1071186	0.43	429	2.3	0.009	18.8	0.077	13.2	0.025	10	2.3	0.25	25	0.1	6.1	0.068	0.2	2.9	50	4.1	67
1071187	0.23	114	1.5	0.006	10	0.04	8.3	0.025	7.5	1.4	0.25	15	0.1	2.9	0.053	0.2	2.1	39	2.8	33
1071188	0.23	323	1.6	0.007	9.7	0.057	10.2	0.025	7.4	1.3	0.25	12	0.1	4.4	0.045	0.2	1.4	36	3.3	49
1071189	0.17	91	1.6	0.007	9	0.051	10.5	0.025	4.1	1	0.25	11	0.1	0.8	0.025	0.2	2.2	38	1.4	30
1071190	0.41	309	1.6	0.007	16.9	0.077	11.6	0.025	4.2	2.3	0.25	23	0.1	5.9	0.052	0.2	4.1	46	2.9	57
1071191	0.38	275	1.7	0.008	14.5	0.065	11.2	0.025	2.8	2	0.25	18	0.1	3	0.04	0.2	5	43	2.1	50
1071192	0.46	418	1.4	0.007	18.6	0.074	12.6	0.025	8.2	2.6	0.25	20	0.1	4.1	0.059	0.3	7	50	2.4	57
1071193	0.47	196	4.4	0.007	15.6	0.086	10.4	0.025	42.1	2.2	0.25	23	0.1	2.1	0.036	0.3	9.7	42	1.1	51
1071194	0.47	362	4.4	0.007	17.3	0.07	9.4	0.025	13.4	2.4	0.25	18	0.1	6.3	0.061	0.2	7.7	43	1	56
1071195	0.57	243	1.6	0.007	15.9	0.1	16.7	0.025	4.7	4.1	0.25	47	0.1	7.9	0.041	0.3	11.4	45	1	67
1071196	0.56	139	1.3	0.008	15.6	0.088	16.1	0.025	3.1	3.3	0.25	45	0.1	4.1	0.033	0.4	11.2	44	0.5	60
1071202	0.42	137	2	0.007	14.1	0.058	14.9	0.025	3	2.5	0.25	22	0.1	2.9	0.046	0.2	6.4	48	2.6	50
1071203	0.44	385	1.2	0.008	18.2	0.082	10.7	0.025	1.4	3.2	0.25	21	0.1	8.6	0.065	0.2	4.8	41	3.7	59

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1071204	410612	7088336	8N	0.1	0.95	82.6	4.7	0.5	198	1	0.25	0.4	7.6	24	27.6	2.07	3	0.02	0.08	24
1071206	410598	7088236	8N	0.1	0.66	66.1	5.1	0.5	93	1.1	0.07	0.1	2.5	15	10.9	1.15	4	0.03	0.03	12
1071207	410599	7088186	8N	0.2	1.85	219.5	7.5	2	331	2.4	0.28	0.2	12.3	32	35.8	2.84	6	0.08	0.07	49
1071208	410599	7088136	8N	0.3	1.02	264.2	6.3	1	193	2.7	0.19	0.3	4.5	20	19.5	1.85	5	0.06	0.06	20
1071209	410599	7088086	8N	0.05	1.21	76.8	2.3	1	141	1.2	0.13	0.3	6.2	26	19.6	2.14	4	0.03	0.06	21
1071210	412099	7088837	8N	0.05	1.6	44.1	3.6	0.5	163	0.8	0.08	0.2	9.3	30	41.7	3.34	5	0.03	0.28	23
1071211	412099	7088887	8N	0.1	1.44	178.5	3.4	2	116	2.5	0.16	0.2	14.8	62	51.4	3.66	5	0.03	0.12	20
1071212	412099	7088937	8N	0.1	1.56	118.2	6.9	2	132	1.3	0.14	0.2	18.3	50	70.2	3.88	5	0.03	0.18	21
1071213	412099	7088986	8N	1.1	1.65	1688.4	39.5	2	236	21.5	0.4	1.7	14.7	38	323.7	6.37	5	0.08	0.14	30
1071215	412099	7089037	8N	0.4	1.73	86.3	7	5	235	2.9	2.06	0.4	9.3	22	38.6	2.13	5	0.06	0.04	23
1071216	412099	7089087	8N	0.3	1.43	43.2	7.7	5	233	1.5	1.5	0.5	8.5	21	23.8	2.47	5	0.05	0.08	24
1071217	412098	7089136	8N	0.3	1.97	62.6	19	3	197	2.3	0.53	0.4	9.3	21	26.4	2.29	5	0.07	0.05	40
1071218	412099	7089186	8N	0.1	2.16	12.8	6.5	2	252	0.5	0.57	0.5	8.2	19	17.3	1.99	5	0.05	0.04	19
1071219	411399	7088837	8N	2.1	1.67	1803.6	78.3	9	254	25.5	1.36	1.5	10.8	23	309.1	4.1	5	0.05	0.08	20
1071220	411399	7088887	8N	0.3	1.21	547.3	112.1	11	355	8.4	1.05	0.6	18.9	21	76.1	4.65	4	0.05	0.14	19
1071221	411399	7088936	8N	0.5	1.85	334.4	33.2	9	272	6.7	1.67	0.6	16.7	24	94.7	2.65	5	0.06	0.08	22
1071222	411399	7088987	8N	1.9	2.18	2876.1	30.8	12	223	24.8	1.55	0.7	18.5	27	524.9	5.43	7	0.06	0.08	21
1071223	411399	7089037	8N	4	1.5	4000.1	116.8	7	212	34.4	1.26	3.6	16.1	24	364.7	5.55	5	0.1	0.1	19
1071224	411398	7089087	8N	4.2	2.44	2158.2	193.4	5	276	18.4	0.62	0.8	15.9	41	202.6	4.33	8	0.12	0.13	19
1071225	411398	7089137	8N	2.4	2.1	4433.7	96.3	7	247	34	1.61	1	17.9	33	184.7	4.82	7	0.07	0.14	22
1071226	411399	7089185	8N	3.3	2.02	5057.8	111.6	7	274	52.5	1.12	0.9	18.3	30	247.9	5.6	7	0.06	0.14	23
1071227	411365	7089240	8N	0.3	1.67	1268.6	32	2	189	12.5	0.71	0.6	14.6	23	75.8	2.86	5	0.03	0.06	20
1071228	411399	7089337	8N	0.2	1.31	296.4	23.2	1	140	3	0.24	0.4	8.6	24	46.1	2.33	4	0.02	0.08	17
1071229	411398	7089389	8N	0.1	1.56	113.5	8.2	0.5	118	1.6	0.13	0.05	6.3	27	23.7	2.16	5	0.03	0.05	15
1071230	411397	7089436	8N	0.1	1.69	89.3	6.8	0.5	125	1.4	0.2	0.2	7.1	26	26.9	2.16	5	0.05	0.06	16
1071231	411398	7089486	8N	0.05	1.36	50.6	4.6	5	98	1	0.12	0.1	4.4	21	15.7	1.71	4	0.005	0.04	15
1071232	411399	7089536	8N	0.1	1.23	49.9	8.9	1	97	1.3	0.14	0.1	6	22	22.1	2.08	4	0.005	0.05	17
1071233	411398	7089586	8N	0.1	1.39	79.1	13.8	5	152	1.3	0.19	0.2	7.7	26	30.4	2.34	5	0.05	0.06	18
1071234	411399	7089636	8N	0.2	1.48	73.5	14.6	1	132	1.9	0.21	0.1	9.7	25	35.2	2.41	4	0.05	0.06	16
1071236	410499	7089338	8N	0.2	1.71	281.8	7.8	0.5	205	3.2	0.61	0.4	8.3	23	18.6	2.17	5	0.05	0.04	22
1071237	410500	7089386	8N	0.3	2.03	226	15.2	2	299	2.7	1.64	0.4	10.1	25	32.3	2.27	6	0.07	0.04	23
1071238	410496	7089438	8N	0.2	2	139.1	6.8	0.5	314	1.6	0.63	0.4	10.8	26	27.8	2.19	6	0.05	0.04	21
1071239	410497	7088836	8N	0.5	0.83	2581.7	45.2	0.5	531	9.9	0.46	0.8	23.2	26	121.2	5.75	3	0.03	0.11	49
1071240	410499	7089486	8N	0.2	2.24	115.7	6.2	2	311	1.3	0.69	0.3	11.8	29	30.7	2.28	6	0.04	0.04	22
1071241	410497	7089537	8N	0.1	1.97	108.6	7.8	3	266	0.9	0.49	0.3	10.2	25	23.5	2.26	6	0.05	0.04	20
1071242	410497	7089587	8N	0.1	2.17	94.1	6.8	0.5	246	0.4	0.55	0.3	9.6	30	25.2	2.38	7	0.07	0.05	19
1071245	407295	7087700	8N	0.8	2.05	9.5	1.3	0.5	223	0.2	0.38	0.9	33.7	42	69.6	6.15	6	0.08	0.04	29
1071246	407249	7087720	8N	0.2	1.47	20.8	3.6	0.5	465	0.4	0.22	0.5	13	40	42.6	3.67	5	0.04	0.11	29
1071247	407207	7087748	8N	0.5	1.36	7.8	1.3	1	218	0.1	0.47	1.4	25.5	27	49.6	3.53	4	0.06	0.04	15
1071248	407158	7087762	8N	0.3	1.73	7.5	1.3	1	207	0.1	0.32	1	22.8	33	43.7	3.94	5	0.05	0.04	14
1071249	407115	7087787	8N	0.4	1.78	5.8	1.7	1	225	0.2	0.36	1.8	25.6	28	59.4	4.06	6	0.04	0.04	16
1071250	407066	7087803	8N	0.2	0.89	3.7	1.4	2	191	0.2	0.29	0.4	10.2	43	17.3	1.66	4	0.05	0.04	10
1071251	411502	7088838	8N	1.8	1.57	2041.3	96.9	2	295	47.7	0.69	1	18.6	82	344	6.05	6	0.04	0.22	53
1071252	411503	7088885	8N	0.7	1.25	901.1	32.5	3	207	19.3	0.56	0.9	9.5	36	130.9	4.09	4	0.03	0.08	43
1071253	411501	7088936	8N	0.5	2.56	1006.9	20.7	3	273	17.8	0.67	0.6	14.7	34	80.5	3.49	7	0.04	0.11	22
1071254	411501	7088987	8N	0.3	2.97	308.3	29.1	3	264	5.7	0.85	0.3	18.5	50	77.6	3.26	9	0.05	0.49	27

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1071204	0.41	356	1	0.01	16.5	0.08	8.9	0.025	1.4	2.6	0.25	24	0.1	7.9	0.071	0.2	3.4	38	4.2	58
1071206	0.16	81	1.7	0.004	6.2	0.052	9.1	0.025	1.5	1.1	0.25	12	0.1	0.7	0.029	0.2	1.5	34	1.8	23
1071207	0.47	718	2.9	0.013	18	0.097	17.2	0.025	2.2	4	0.5	32	0.1	5.6	0.055	0.4	10.1	55	1.6	66
1071208	0.29	206	2	0.008	10.7	0.049	13.4	0.025	3.1	2.1	0.25	22	0.1	2.7	0.039	0.2	3.1	38	1.2	43
1071209	0.38	221	1.2	0.007	15.3	0.053	10.6	0.025	1.2	2.1	0.25	14	0.1	2.9	0.051	0.2	2.3	41	2.1	57
1071210	0.53	259	1.7	0.014	23.9	0.047	22	0.08	7.8	2.8	0.5	27	0.1	8	0.064	0.4	1.8	37	0.1	64
1071211	0.6	308	1.5	0.01	48.8	0.061	15.6	0.025	12.2	3.3	0.8	21	0.1	6.8	0.047	0.3	1.8	43	0.3	70
1071212	0.54	339	2	0.011	46	0.074	12.4	0.09	18.1	3.6	0.25	22	0.1	5.7	0.05	0.5	2.1	52	0.3	66
1071213	0.4	559	2.7	0.009	40.4	0.153	126.3	0.14	245.6	6.9	1	56	0.1	9.7	0.035	0.6	7.2	43	0.6	99
1071215	0.38	439	0.7	0.05	21.5	0.099	22.3	0.16	8	2.2	0.25	77	0.1	2.9	0.022	0.1	1.5	25	0.3	44
1071216	0.46	401	0.6	0.033	17.8	0.088	21.8	0.1	19.7	3.1	0.25	70	0.1	2.6	0.019	0.2	1.4	28	0.5	68
1071217	0.39	371	0.9	0.028	21.3	0.075	19.2	0.025	1.4	2.3	0.6	46	0.1	4.6	0.036	0.1	3.5	35	1	63
1071218	0.38	483	0.7	0.041	19.6	0.071	20.7	0.025	0.9	1.9	0.25	40	0.1	2.8	0.025	0.05	1	30	0.5	59
1071219	0.49	594	0.8	0.066	22.6	0.096	33.9	0.1	410.6	3.4	1.7	79	0.1	6.1	0.036	0.2	2.1	32	1	96
1071220	0.42	857	0.7	0.031	33.5	0.113	15.1	0.09	194.1	6.7	1.1	67	0.1	6.8	0.012	0.8	1.3	37	1	148
1071221	0.51	545	0.6	0.068	31.4	0.119	18.9	0.09	78	3.3	1	90	0.1	4.1	0.043	0.2	2	41	0.8	79
1071222	0.66	637	1	0.05	40.2	0.1	18.3	0.14	42.8	3.6	2.6	101	0.1	4.5	0.06	0.2	2.3	41	0.7	73
1071223	0.43	798	1.8	0.056	36.6	0.111	28.8	0.13	1048.5	5.6	1.8	99	2.1	5.2	0.037	0.5	2.2	45	0.5	184
1071224	0.83	578	1.1	0.027	38.8	0.117	23.3	0.15	355.7	4.8	1.8	56	0.1	3.5	0.053	0.5	1.9	55	0.3	98
1071225	0.73	566	1	0.053	36	0.119	37.1	0.13	386.8	6	2	82	0.1	5.5	0.042	0.4	1.5	47	0.4	92
1071226	0.68	584	0.9	0.051	36.4	0.117	38.8	0.12	480.9	6	1.4	73	0.1	7.2	0.038	0.4	1.4	45	0.5	95
1071227	0.52	454	0.7	0.031	37	0.081	14.8	0.025	5.4	2.5	0.25	51	0.1	4.8	0.049	0.1	1.7	38	0.5	71
1071228	0.42	282	0.9	0.008	20.7	0.08	12.1	0.025	80.9	2.3	0.6	20	0.1	5.6	0.051	0.2	1.4	39	0.7	55
1071229	0.42	256	1.2	0.006	15.4	0.056	9.6	0.025	7.8	2.2	0.25	12	0.1	1.9	0.037	0.2	2.6	43	0.6	53
1071230	0.43	185	0.7	0.007	17.1	0.07	9	0.025	7.4	2.3	0.25	16	0.1	3.6	0.051	0.2	1.6	39	0.6	51
1071231	0.37	168	0.8	0.006	11.9	0.051	8.5	0.025	3.3	1.6	0.6	12	0.1	2.2	0.034	0.1	1.1	32	0.5	39
1071232	0.4	237	1.2	0.005	14.4	0.061	10	0.025	3.6	1.8	0.8	12	0.1	3.4	0.033	0.1	1.6	35	0.5	48
1071233	0.43	245	1.2	0.006	17	0.075	10.5	0.025	3.8	2.1	0.25	16	0.1	2.1	0.043	0.2	2.2	44	0.5	58
1071234	0.44	365	1.1	0.007	18.8	0.087	12.5	0.025	5.9	2.5	0.25	17	0.1	4.2	0.046	0.2	2	41	0.5	60
1071236	0.35	266	0.7	0.035	20.9	0.053	17.6	0.025	1.6	2.2	1	45	0.1	3.9	0.028	0.05	1.3	36	1.6	64
1071237	0.46	406	0.7	0.063	23.9	0.099	24.7	0.12	4.9	2.2	0.9	80	0.1	3	0.023	0.1	2.2	35	0.4	73
1071238	0.45	321	0.5	0.043	24	0.078	16.2	0.025	1.3	2.8	0.7	41	0.1	3.5	0.028	0.2	1.8	39	0.4	63
1071239	0.18	1565	2.3	0.003	27.2	0.143	29.3	0.025	103.2	11.5	0.6	25	0.1	19.6	0.007	0.8	8.6	41	0.4	91
1071240	0.51	721	0.6	0.063	27.5	0.097	18.5	0.05	1.8	2.9	0.6	60	0.1	4.8	0.037	0.2	2.2	39	0.4	66
1071241	0.42	537	0.7	0.035	20.6	0.072	14.2	0.05	1.1	2.1	0.25	34	0.1	2.4	0.02	0.1	1.7	39	0.5	61
1071242	0.47	348	0.6	0.036	22.3	0.082	13.1	0.13	1	2.5	0.25	30	0.1	1.8	0.033	0.1	1.6	44	0.3	66
1071245	1.24	1577	3.1	0.008	85.8	0.212	19.8	0.06	7.8	4.8	1.1	96	0.1	2.9	0.01	0.2	1.1	72	0.05	123
1071246	0.62	385	2.6	0.006	35.2	0.095	45.7	0.025	16.3	4.3	0.6	34	0.1	6.3	0.049	0.5	3	52	0.1	160
1071247	0.71	549	2.7	0.015	52.1	0.13	28.8	0.08	4.1	2.7	0.6	126	0.1	2	0.02	0.05	1.2	50	0.05	114
1071248	0.78	1101	3	0.013	43.9	0.148	13.8	0.05	2.3	2.9	0.6	79	0.1	1.7	0.017	0.05	0.8	61	0.1	100
1071249	0.85	1380	3.3	0.015	45.6	0.157	13.7	0.08	2.3	2.8	0.5	118	0.1	1.3	0.016	0.05	0.7	64	0.05	104
1071250	0.35	287	1.6	0.009	17.5	0.09	14.3	0.05	1.9	1.9	0.25	40	0.1	0.9	0.03	0.2	0.7	45	0.2	52
1071251	0.83	1403	2.7	0.01	19.6	0.131	32.6	0.08	343.9	11.3	0.9	61	0.1	17.4	0.073	0.6	6.9	58	0.5	103
1071252	0.51	582	1.2	0.016	18.2	0.093	43.6	0.025	98.9	6.4	0.5	74	0.1	10.3	0.034	0.2	5.7	37	0.9	104
1071253	0.93	536	0.6	0.025	32.3	0.082	15.9	0.025	89.7	3.9	0.25	146	0.1	7	0.067	0.2	1.7	42	0.5	79
1071254	1.3	461	0.8	0.026	35.1	0.087	11.1	0.025	114.5	5.3	0.25	163	0.1	8.2	0.117	0.3	3.5	55	0.7	71

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1071255	411500	7089038	8N	0.5	2.04	1908.7	58.3	5	232	37.8	0.82	0.5	15.1	28	173.3	3.28	6	0.03	0.12	21
1071256	411501	7089087	8N	1	1.85	1789	31.5	5	234	22.3	0.82	0.5	14	30	191.3	3.8	6	0.07	0.06	21
1071257	411491	7089143	8N	3.7	1.63	3317.8	68.2	9	186	26.2	1.15	1.1	12.7	33	223.9	4.31	5	0.06	0.1	20
1071258	411500	7089187	8N	0.7	1.67	768.6	24.4	1	158	8	0.28	0.2	18.4	30	89	2.96	5	0.04	0.08	28
1071259	411501	7089237	8N	0.2	1.76	143.6	12	2	218	3.5	0.29	0.1	8.6	27	33.3	2.45	6	0.05	0.04	25
1071260	411496	7089288	8N	0.05	1.51	73.6	15	1	147	1.3	0.13	0.05	6.1	25	19.8	2.18	5	0.03	0.04	16
1071261	411497	7089339	8N	0.1	1.65	125.4	9.4	0.5	128	2	0.15	0.05	8.2	27	29.4	2.35	5	0.03	0.07	20
1071262	411499	7089387	8N	0.05	1.39	64.4	8.5	2	122	1	0.18	0.2	8.3	24	29.3	2.12	4	0.04	0.05	19
1071263	411497	7089439	8N	0.05	1.48	67	4.7	2	110	0.9	0.12	0.2	7.2	23	20.4	2.2	4	0.03	0.06	16
1071264	411499	7089488	8N	0.05	1.83	48.7	5	1	156	2	0.11	0.1	9.8	29	32.7	2.85	6	0.04	0.05	18
1071265	411501	7089538	8N	0.4	2.24	166.8	14.7	5	321	6.4	0.21	0.1	11	30	66.8	3.01	7	0.07	0.06	33
1071266	411497	7089587	8N	0.2	1.81	88.9	10.4	2	162	2	0.14	0.1	9.9	28	33.7	2.74	5	0.05	0.05	20
1071267	411500	7089636	8N	0.2	1.5	64	27.2	2	102	3.2	0.16	0.1	7.9	27	34.8	2.63	5	0.06	0.04	18
1071268	411498	7089684	8N	0.2	1.94	67.5	16.8	1	220	3.1	0.2	0.05	9.1	32	26.6	2.54	6	0.05	0.04	24
1071269	411496	7089736	8N	0.1	1.59	28.7	3.8	2	217	2.1	0.39	0.2	7.5	20	26.8	1.91	4	0.02	0.05	16
1071270	411498	7089786	8N	0.2	1.73	27.6	7.7	1	230	4.8	0.55	0.3	7.7	23	27	2.13	5	0.02	0.04	17
1071271	411499	7089837	8N	0.05	1.59	46.6	4.2	1	202	2	0.36	0.2	7	22	19.2	2.12	5	0.02	0.04	15
1071272	411497	7089886	8N	0.05	1.59	29.3	4	2	243	0.8	0.32	0.1	7.1	22	23.6	2.04	5	0.02	0.04	19
1071273	411498	7089937	8N	0.2	1.64	25.2	24.5	1	207	0.7	0.46	0.4	8.2	21	26.9	2.01	4	0.02	0.05	21
1071274	411500	7089986	8N	0.1	1.73	15.5	4.9	2	201	1	0.47	0.2	8.4	25	30.4	2.29	5	0.03	0.04	20
1071275	411499	7090236	8N	0.5	1.02	8.9	1.8	6	334	0.2	1.66	1.7	4.1	17	21.7	1.23	3	0.11	0.05	12
1071276	411499	7090286	8N	0.2	1.67	22.6	5.1	2	257	0.5	0.38	0.5	7.7	27	21.8	2.39	5	0.04	0.07	15
1071278	406750	7089591	8N	0.6	0.95	18.4	6.6	2	546	0.2	1.06	0.4	10.5	19	48.3	2.7	3	0.1	0.07	15
1071279	406700	7089586	8N	0.2	0.99	4	1.8	0.5	165	0.2	0.13	0.05	7.8	20	19.2	1.88	4	0.04	0.08	17
1071283	411499	7090187	8N	0.4	1.67	16.9	4.7	5	262	0.3	1.3	0.6	9.1	30	30.2	2.2	5	0.08	0.07	24
1071284	411498	7090134	8N	0.3	1.68	13.2	3.1	4	283	0.8	0.77	0.7	9.4	28	24.8	2.31	5	0.06	0.05	19
1071285	411498	7090086	8N	0.2	1.64	29.1	2.7	3	222	2	0.6	0.5	7.5	23	27.2	2.24	5	0.03	0.05	19
1071286	411497	7090033	8N	0.2	1.34	106	7.3	2	176	1.6	0.32	0.2	7.4	22	25.9	2.01	4	0.03	0.04	19
1071287	408117	7089091	8N	1.1	1.86	14.8	6.4	2	195	0.3	0.12	0.4	8.7	30	71.3	4.47	6	0.05	0.09	14
1071288	408073	7089116	8N	0.05	1.25	7.9	2.2	0.5	140	0.2	0.11	0.2	4.3	22	22.7	2.06	4	0.05	0.03	11
1071289	408037	7089150	8N	0.5	1.7	11.6	9	1	221	0.2	0.29	0.8	16.1	29	58.8	2.86	5	0.04	0.1	21
1071290	408005	7089188	8N	0.2	0.89	7.7	4.3	0.5	103	0.3	0.1	0.4	3.9	19	10.8	2	6	0.02	0.05	15
1071291	407963	7089218	8N	1.1	1.63	9.6	10.3	2	406	0.2	0.61	0.3	11.6	29	49	3	4	0.08	0.09	19
1071292	407920	7089246	8N	0.3	1.31	9.8	3.3	2	331	0.2	0.17	0.7	11.6	26	35.2	2.76	4	0.05	0.1	19
1071293	407878	7089277	8N	1.5	1.36	4.3	1.1	2	366	0.3	0.21	4	10	23	96.4	2.18	6	0.04	0.07	25
1071294	407843	7089313	8N	0.2	1.92	9.9	1	1	159	0.2	0.12	0.4	8.5	30	14.4	2.83	5	0.01	0.05	14
1071295	407799	7089335	8N	0.05	2.41	9.1	4.7	2	514	0.3	0.5	0.3	20.4	110	50.2	4.24	9	0.01	0.4	21
1071296	407758	7089363	8N	0.2	0.85	10.1	1.4	0.5	73	0.2	0.06	0.05	2	14	11.3	1.6	7	0.03	0.03	15
1071297	407711	7089384	8N	0.05	0.38	15.3	1.6	2	134	0.2	0.03	0.2	10.6	11	41.8	2.35	2	0.03	0.11	23
1071298	407663	7089395	8N	0.05	1.68	10.9	3.1	1	177	0.2	0.12	0.2	12.8	29	25.1	2.84	5	0.04	0.07	17
1071300	407613	7089405	8N	0.1	1.29	19.7	1.4	3	201	0.2	0.12	0.5	14.5	26	29.7	3.49	4	0.04	0.08	15
1071301	412099	7089237	8N	0.05	1.6	25.2	2.4	3	158	0.3	0.24	0.2	11.5	23	34.9	2.52	4	0.03	0.06	18
1071302	412098	7089286	8N	0.2	1.54	16.6	12.4	5	209	3.4	0.81	0.9	8.6	22	27.4	2.2	4	0.05	0.07	27
1071304	412098	7089337	8N	0.2	1.83	52.9	35.3	4	250	3.2	0.61	0.6	9.5	22	30.9	2.13	5	0.06	0.05	24
1071305	412099	7089387	8N	0.3	2.05	515.5	17.8	3	211	9.3	0.65	0.3	10.4	24	82.9	2.53	6	0.06	0.05	25
1071306	412099	7089435	8N	0.2	1.43	135.4	35.9	2	216	3	0.43	0.5	8.6	22	34.1	2.2	5	0.04	0.05	29

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1071255	0.94	444	1	0.044	35.3	0.088	12.4	0.025	31.1	3.3	0.9	91	0.1	6.6	0.072	0.2	2.2	47	1.1	73
1071256	0.67	641	0.7	0.028	32.6	0.104	19.1	0.08	338.6	4.1	1.2	64	0.1	3.6	0.052	0.2	2.1	47	0.5	81
1071257	0.49	605	2.1	0.04	30.4	0.104	24.7	0.27	448.3	3.8	2.3	74	0.1	3	0.037	0.4	2	43	0.3	103
1071258	0.46	740	1.9	0.01	19.2	0.087	22.7	0.06	67.4	2.7	0.8	28	0.1	3.6	0.029	0.4	5.3	40	2.8	59
1071259	0.47	305	1.2	0.01	20.5	0.085	13.2	0.025	1.2	2.3	0.25	19	0.1	2.2	0.033	0.2	5.5	42	0.7	69
1071260	0.44	244	1.3	0.005	14.4	0.049	9	0.025	7.3	1.8	0.25	13	0.1	1.6	0.03	0.2	2.3	41	0.4	48
1071261	0.48	248	1.3	0.006	17.4	0.07	11.9	0.025	11.7	2.3	0.25	14	0.1	4.3	0.051	0.2	3.2	41	0.7	58
1071262	0.42	393	0.9	0.007	19.5	0.079	10.7	0.025	4.3	2.2	0.25	16	0.1	4.6	0.044	0.1	2.4	39	0.5	58
1071263	0.45	258	0.8	0.006	16.1	0.059	9.6	0.025	3.2	2.1	0.25	14	0.1	3.1	0.043	0.1	1.3	36	0.7	53
1071264	0.45	386	2	0.006	19.2	0.064	14.1	0.025	1.1	1.8	0.9	11	0.1	1.2	0.027	0.2	2.8	54	0.4	67
1071265	0.44	662	3.8	0.011	22	0.113	20.4	0.08	12.2	2.1	0.7	23	0.1	1.7	0.016	0.3	5.2	57	1.1	71
1071266	0.45	429	1.5	0.006	19	0.084	13.8	0.025	2.4	2.4	0.25	14	0.1	2.5	0.032	0.2	3	50	0.5	67
1071267	0.48	355	1.5	0.006	17.8	0.089	13.5	0.025	2.7	1.8	0.25	13	0.1	2	0.033	0.1	2.4	47	0.4	67
1071268	0.49	379	1.2	0.008	22.3	0.076	12.6	0.025	4.1	2.6	0.25	19	0.1	2.5	0.03	0.3	3.2	50	0.6	73
1071269	0.43	260	0.6	0.015	21.7	0.083	15.7	0.025	1.3	2.1	0.25	29	0.1	5.6	0.037	0.05	1.1	32	0.4	62
1071270	0.45	298	0.7	0.016	19.1	0.071	19.6	0.025	1.3	2.5	0.25	39	0.1	4.1	0.029	0.1	1.5	35	0.6	66
1071271	0.42	300	0.7	0.01	16.8	0.061	13.8	0.025	1.5	1.8	0.25	28	0.1	2.8	0.033	0.1	1	37	0.6	62
1071272	0.44	275	0.6	0.01	19	0.068	12.4	0.025	1.1	2.2	0.25	31	0.1	4.2	0.036	0.1	1.2	36	0.3	58
1071273	0.43	381	0.6	0.027	21.4	0.084	18.4	0.025	1.3	2.3	0.25	38	0.1	5.5	0.043	0.05	1.1	34	0.4	59
1071274	0.44	373	0.7	0.023	22.7	0.097	19.9	0.025	0.9	2.4	0.25	37	0.1	4.1	0.036	0.05	1.6	40	0.7	68
1071275	0.28	726	0.9	0.018	13.9	0.112	23.7	0.19	9.2	1.7	0.8	66	0.1	1.4	0.023	0.2	0.6	18	0.2	64
1071276	0.64	286	0.7	0.012	20.9	0.065	25.9	0.025	2.9	2.9	0.25	27	0.1	3	0.053	0.3	0.8	46	0.3	103
1071278	0.49	435	1.5	0.006	31.5	0.057	19	0.06	5.5	3.4	1	74	0.1	2	0.013	0.1	1.5	28	0.2	83
1071279	0.42	193	1	0.004	22.7	0.037	14	0.025	1.8	2.2	0.25	13	0.1	2.8	0.013	0.1	0.6	27	0.1	63
1071283	0.49	368	0.6	0.07	26.8	0.095	43	0.025	2.2	2.8	0.25	78	0.1	5.6	0.056	0.2	1.5	39	0.7	70
1071284	0.49	223	0.3	0.038	24.6	0.08	57.8	0.025	1.7	3.7	0.25	48	0.1	7.4	0.054	0.1	1	40	0.3	84
1071285	0.45	428	0.7	0.011	18.6	0.1	21.4	0.025	1.5	1.7	0.25	33	0.1	1.9	0.031	0.2	1.4	37	0.6	71
1071286	0.41	302	0.6	0.011	17.7	0.08	15.5	0.025	1.3	2.3	0.25	23	0.1	4	0.036	0.05	1.7	36	0.3	65
1071287	0.52	170	3	0.006	40.8	0.1	35.2	0.09	2.8	2	2	51	0.1	3.2	0.03	0.2	1.7	55	0.2	149
1071288	0.27	121	0.9	0.006	11.6	0.049	10	0.025	0.7	0.6	0.7	12	0.1	0.2	0.015	0.1	0.9	43	0.2	33
1071289	1.6	389	2.3	0.006	52.6	0.102	33.6	0.025	4.1	3	1.1	45	0.1	2.4	0.028	0.2	2	40	0.1	145
1071290	0.23	164	1.7	0.005	9.4	0.031	11.8	0.025	0.6	1.3	0.25	12	0.1	1.7	0.045	0.1	0.5	52	0.05	37
1071291	0.79	418	2.2	0.008	41.1	0.106	17.6	0.025	1.7	3.5	0.9	48	0.1	2	0.022	0.2	2.6	40	0.1	84
1071292	0.52	334	3.8	0.006	42.2	0.056	17.6	0.025	1.5	2.7	0.9	21	0.1	1.9	0.028	0.2	1.2	41	0.05	105
1071293	0.22	501	1.7	0.007	30.6	0.047	17.6	0.025	0.7	3	0.9	26	0.1	1.4	0.033	0.1	2	43	0.05	51
1071294	0.38	363	1	0.007	15	0.047	11.6	0.025	0.6	2.2	0.25	12	0.1	3.1	0.04	0.1	0.7	54	0.2	63
1071295	2.08	704	1.3	0.011	40.6	0.119	22.2	0.025	1	6.7	0.6	41	0.1	9.7	0.252	0.6	1.2	106	0.3	91
1071296	0.11	83	1.5	0.004	5.1	0.024	16.9	0.025	0.7	1.1	0.25	9	0.1	1	0.057	0.2	0.6	63	0.1	19
1071297	0.06	196	6.1	0.003	36.8	0.045	13	0.025	6.5	1.2	0.8	34	0.1	1.7	0.011	0.3	0.9	27	0.2	113
1071298	0.48	441	1.4	0.006	25.1	0.04	14.3	0.025	1.3	3.5	0.25	14	0.1	5.6	0.045	0.2	1.1	46	0.2	62
1071300	0.34	683	2.1	0.006	36.3	0.069	15.8	0.025	3.4	2.5	0.8	30	0.1	3.8	0.026	0.2	1	41	0.2	94
1071301	0.45	359	1	0.01	25.1	0.067	12.9	0.025	0.5	2.3	0.25	33	0.1	5.3	0.046	0.1	1.4	42	0.8	76
1071302	0.42	462	0.7	0.044	22.5	0.096	22	0.025	2	2.7	0.25	63	0.1	7.4	0.053	0.05	2	38	0.9	90
1071304	0.39	522	0.8	0.053	21.3	0.098	22.8	0.025	3	2.5	0.25	52	0.1	6.2	0.039	0.1	2.6	36	0.9	89
1071305	0.43	401	1	0.035	26.1	0.107	22.1	0.05	2.4	2.4	0.7	50	0.1	5	0.043	0.1	4.2	37	1	84
1071306	0.44	282	0.9	0.018	20.3	0.097	21.6	0.025	1.6	2.7	0.25	63	0.1	8.7	0.039	0.1	5.1	38	0.6	79

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1071307	412099	7089486	8N	0.1	1.22	105.3	12	2	187	1.5	0.3	0.3	8	20	28.6	2.14	4	0.05	0.05	26
1071308	412099	7089535	8N	0.2	1.54	196.1	10.5	3	203	2.4	0.36	0.3	9.5	23	34.4	2.31	5	0.05	0.05	30
1071309	412099	7089585	8N	0.2	1.42	137.5	11.8	2	195	3.4	0.34	0.4	9.8	22	36.4	2.32	5	0.04	0.06	26
1071310	412098	7089635	8N	0.2	1.78	249.2	36.7	3	136	9.2	0.14	0.3	12.3	27	46.6	2.83	4	0.06	0.05	21
1071311	412099	7089686	8N	0.2	1.42	222.9	24.3	2	194	5.8	0.3	0.4	9.7	27	44.3	2.49	4	0.03	0.06	29
1071312	412098	7089736	8N	0.1	1.57	100.8	18.2	3	160	2.8	0.27	0.2	7.6	23	31.7	2.27	5	0.08	0.04	24
1071313	412098	7089786	8N	0.1	1.64	31	6.4	2	128	2.5	0.22	0.1	6.3	21	20.4	2.07	5	0.06	0.04	19
1071314	412099	7089836	8N	0.2	1.98	10.8	18.7	3	184	11.4	0.38	0.2	6.3	23	25.6	2	5	0.03	0.04	17
1071316	412099	7089886	8N	0.3	2.56	10.1	10.6	4	237	3.7	1.08	0.4	7.7	27	29.5	1.94	6	0.04	0.04	21
1071317	412099	7089936	8N	1	1.91	25.3	41	7	604	14.6	1.87	1.6	10	26	73.7	2.52	5	0.04	0.11	46
1071318	412099	7089986	8N	0.6	2	22.6	8	3	288	4.1	1.6	1.4	8.8	23	33.2	2.41	6	0.05	0.06	29
1071319	411799	7090286	8N	0.6	2.22	43.3	10.4	3	235	2.3	1.74	0.9	9.8	49	77.2	2.77	7	0.05	0.08	29
1071320	411799	7090237	8N	0.6	1.33	36.8	44.6	6	187	2.7	2.29	1.8	7.3	21	49.4	1.91	4	0.08	0.05	30
1071321	411799	7090187	8N	1.2	1.53	254.6	18.5	3	178	7	1.19	1.2	13.4	24	64.6	2.81	5	0.08	0.05	34
1071331	410499	7089637	8N	0.05	1.85	41	27.2	0.5	202	0.4	0.46	0.2	9.7	25	19.5	2.2	5	0.02	0.04	17
1071332	410500	7089685	8N	0.05	2.03	82.3	3.8	1	232	0.5	0.35	0.2	10.1	27	22.3	2.44	6	0.04	0.05	16
1071334	410499	7089731	8N	0.05	1.67	46.7	5.2	2	172	0.4	0.38	0.2	9.6	24	27.6	2.21	5	0.01	0.04	18
1071335	410496	7089786	8N	0.05	1.66	65.5	4.2	1	174	0.4	0.29	0.1	9.2	24	17.8	2.33	5	0.03	0.04	14
1071336	410498	7089839	8N	0.1	1.66	161.4	6.2	2	179	0.4	0.59	0.5	8.6	28	17.5	2.36	5	0.05	0.06	19
1071337	410498	7089937	8N	0.1	1.53	68.9	6.2	1	289	1	0.45	0.6	10.6	26	28.1	2.44	4	0.03	0.07	19
1071338	410504	7090036	8N	0.3	1.53	106	3.7	2	291	0.8	1.15	0.7	9.5	22	35.7	1.9	5	0.08	0.04	17
1071339	410500	7090086	8N	0.3	1.75	323.1	2.5	3	243	2.1	1.12	1.3	10.9	24	28.6	2.14	6	0.05	0.05	16
1071340	410501	7090138	8N	0.2	3.23	48.6	2.9	1	271	0.5	1.86	0.8	10.3	43	18	2.53	9	0.03	0.2	20
1071341	410501	7090190	8N	0.2	1.86	100.8	4.1	2	246	1.7	0.59	0.3	9.1	28	28.9	2.24	7	0.02	0.05	13
1071342	410497	7090237	8N	0.3	1.86	57	7	1	484	1.3	0.54	0.6	10.1	30	39.2	2.72	6	0.05	0.06	18
1071343	410498	7090286	8N	0.3	2.03	86.7	4.3	2	243	0.9	0.38	0.8	10.7	27	34.3	2.45	6	0.02	0.05	16
1071344	410398	7090289	8N	0.4	1.82	46.4	2.1	0.5	286	1	0.68	0.7	9.7	27	22.3	2.31	6	0.04	0.05	14
1071345	412038	7086665	8N	0.1	1.77	52.3	17.4	0.5	154	0.7	0.12	0.3	12.8	46	33.4	3.04	6	0.01	0.42	24
1071351	407572	7089436	8N	0.3	1.17	11.7	2.6	2	479	0.3	0.16	0.3	17.1	24	32.6	2.79	5	0.02	0.13	19
1071352	407539	7089475	8N	0.1	1.51	10.2	3	1	255	0.2	0.11	0.2	9.3	27	29.4	2.77	4	0.03	0.09	19
1071353	407493	7089495	8N	1	1.15	12.1	3.8	1	874	0.2	0.37	0.4	6.5	24	41.5	2.6	4	0.24	0.09	17
1071354	407445	7089513	8N	1.7	1.3	10.8	5.1	3	2757	0.3	0.84	0.7	16.9	25	41.3	2.25	3	0.39	0.08	17
1071355	407398	7089531	8N	0.4	1.65	6.5	1.4	2	1424	0.1	0.38	0.7	23.1	48	48.6	3.98	5	0.06	0.08	23
1071356	407350	7089548	8N	0.6	1.64	10.8	2.3	2	2494	0.2	0.36	0.8	17.3	46	46.9	3.74	5	0.09	0.09	19
1071357	407300	7089548	8N	0.1	1.21	12.9	1.4	2	505	0.2	0.19	0.3	21.6	26	45.5	3.37	3	0.02	0.11	25
1071358	407250	7089555	8N	0.3	1.36	8.2	1.4	0.5	759	0.2	0.22	0.2	7.9	29	22.9	2.31	4	0.04	0.06	16
1071359	407203	7089575	8N	0.5	1.2	15.1	2.9	2	409	0.2	0.09	0.1	23.6	40	54.5	5.3	5	0.02	0.09	30
1071360	407153	7089578	8N	0.3	1.48	8.3	6.8	2	277	0.2	0.38	0.1	9.6	25	18.8	3.29	4	0.04	0.06	17
1071362	407103	7089590	8N	0.4	1.35	8.6	5.7	2	517	0.2	0.35	0.2	11	26	28.4	2.63	4	0.06	0.08	19
1071363	407053	7089589	8N	0.1	1.02	4.2	2	0.5	198	0.2	0.18	0.2	6.4	20	13.1	1.83	4	0.02	0.08	18
1071364	407003	7089598	8N	0.05	1.05	6.3	1.6	0.5	245	0.2	0.14	0.2	3.7	19	6.3	1.6	5	0.02	0.05	15
1071365	406953	7089600	8N	0.8	1.21	6.9	5.4	4	500	0.2	1.01	0.2	10.9	23	47.4	2.68	3	0.1	0.11	22
1071366	406901	7089601	8N	1.1	1.47	9	3.8	2	256	0.2	0.17	0.5	10.8	26	28.7	2.82	5	0.09	0.07	16
1071367	406850	7089599	8N	0.7	0.92	11.7	7.6	3	403	0.2	0.88	0.4	12.6	20	58.1	2.74	3	0.1	0.1	20
1071368	406800	7089591	8N	0.6	1.24	8.1	6.9	2	368	0.3	0.38	0.1	16.5	24	78.2	4.25	4	0.07	0.11	33
1071371	408601	7088177	8N	0.1	1.48	21.3	10.8	0.5	199	0.4	0.18	0.1	7.8	30	19.8	2.23	5	0.03	0.09	22

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1071307	0.37	350	0.9	0.012	22.1	0.084	11.9	0.025	1.4	2	0.25	27	0.1	8.1	0.041	0.05	2.6	35	1	65
1071308	0.41	445	1	0.016	20.7	0.103	16.1	0.025	1.8	2.4	0.25	35	0.1	6.5	0.04	0.1	4.8	38	0.6	76
1071309	0.4	449	1	0.013	23	0.102	14.2	0.025	1.6	2.2	0.6	32	0.1	7.6	0.046	0.1	4.1	39	1	75
1071310	0.48	447	1.4	0.009	21.7	0.055	16.3	0.025	3	2.7	0.7	16	0.1	6.5	0.039	0.2	2.5	44	0.8	65
1071311	0.44	429	1	0.01	23.1	0.091	15.7	0.025	6.1	3.1	0.25	27	0.1	8.2	0.048	0.2	4	43	0.7	81
1071312	0.41	299	1	0.009	18.5	0.077	13.9	0.025	6.5	2.4	0.25	21	0.1	4.5	0.023	0.1	2.6	36	0.3	68
1071313	0.38	231	0.8	0.008	14.2	0.082	12.2	0.025	3.5	1.9	0.5	19	0.1	2.5	0.024	0.1	1.7	36	0.3	62
1071314	0.45	282	0.5	0.02	17.9	0.084	19.7	0.025	1	2	0.25	43	0.3	2.5	0.029	0.1	1.1	31	0.3	66
1071316	0.5	680	0.9	0.059	19.9	0.13	28.5	0.025	1	2.1	0.25	100	0.1	2.7	0.028	0.1	1.1	34	0.3	54
1071317	1.08	622	0.8	0.041	26.8	0.117	42.3	0.025	14.7	6.7	0.25	123	1	11.3	0.015	0.2	1.1	28	0.4	114
1071318	0.75	546	0.6	0.054	20	0.093	47.5	0.025	3.6	3.2	0.25	141	0.1	6.8	0.013	0.2	1.4	29	0.4	104
1071319	0.84	298	1.1	0.037	32.3	0.245	42.3	0.08	3.3	4.5	0.7	73	0.1	5	0.053	0.2	2.6	60	0.4	101
1071320	0.44	330	0.7	0.025	18.8	0.114	42.2	0.11	4.3	2.4	0.25	74	0.2	4	0.017	0.2	2	26	0.4	77
1071321	0.82	319	1.1	0.052	25.4	0.07	36.4	0.025	12.1	4.3	0.25	55	0.2	6.3	0.018	0.3	1.2	35	0.6	72
1071331	0.41	347	0.7	0.021	22.9	0.074	10.5	0.07	1.3	2.5	0.25	28	0.1	3	0.033	0.05	1	42	0.7	63
1071332	0.48	432	0.8	0.011	22.6	0.096	12.5	0.025	1.1	2	0.25	25	0.1	2	0.024	0.1	1.4	42	0.7	69
1071334	0.45	495	0.7	0.014	30.5	0.117	11.6	0.025	4	2.5	0.25	27	0.1	3.5	0.031	0.1	1.3	37	0.5	65
1071335	0.43	384	0.7	0.008	20.3	0.089	10.7	0.025	4.6	2	0.25	21	0.1	1.8	0.027	0.1	1.2	40	0.5	67
1071336	0.5	422	0.4	0.035	19.7	0.081	10.4	0.025	9.3	2.9	0.25	42	0.1	3.4	0.033	0.1	1.5	40	0.6	75
1071337	0.49	469	1.1	0.022	28	0.105	11.4	0.025	6.8	2.9	0.25	42	0.1	6	0.051	0.1	1	43	0.8	74
1071338	0.4	378	0.4	0.038	20.6	0.082	18.8	0.08	1.5	2	0.7	58	0.1	2.1	0.023	0.1	1.5	33	0.5	59
1071339	0.44	444	0.5	0.042	20.3	0.099	19.9	0.08	2.2	2	0.7	66	0.1	2	0.023	0.2	1.6	33	0.5	82
1071340	1.09	413	0.5	0.259	21.8	0.076	18.6	0.025	1.3	5	0.8	167	0.1	7	0.095	0.2	1.2	50	0.3	87
1071341	0.53	369	0.9	0.015	21.2	0.074	23.6	0.06	1.3	2.1	0.25	41	0.1	1.5	0.03	0.2	1	46	0.5	66
1071342	0.5	351	0.9	0.017	26.5	0.081	32.4	0.06	2.8	3.5	0.25	38	0.1	3.8	0.027	0.1	1	51	0.8	84
1071343	0.49	392	1.1	0.012	25.4	0.09	61.6	0.06	2.5	2.3	0.5	34	0.1	2.1	0.03	0.2	1.1	45	0.7	94
1071344	0.48	383	0.8	0.02	20.4	0.083	73.3	0.06	1.9	2.5	0.5	36	0.1	1.8	0.018	0.2	0.9	48	1	91
1071345	0.58	392	0.4	0.006	39	0.049	9.2	0.025	1.2	2.9	0.25	19	0.1	9.4	0.089	0.3	1.1	42	0.2	75
1071351	0.43	1165	4.6	0.005	33.9	0.116	22.2	0.025	1.9	2.4	1	48	0.1	2.5	0.033	0.2	1.2	57	0.1	87
1071352	0.46	282	3.4	0.005	26.5	0.073	17.6	0.025	1.1	2.3	0.7	31	0.1	3.7	0.028	0.1	1.1	49	0.1	69
1071353	0.38	170	4.3	0.007	31.9	0.153	18.2	0.11	1.7	0.8	1.2	102	0.1	0.4	0.011	0.2	2.1	45	0.1	83
1071354	0.34	1845	7	0.006	28.8	0.217	20.2	0.12	2.7	2.4	3.2	288	0.1	1.8	0.011	0.3	2.8	46	0.05	86
1071355	0.89	390	2.7	0.012	74.1	0.152	9.9	0.06	2.1	3.5	1.1	188	0.1	3.1	0.018	0.1	1	68	0.05	125
1071356	0.53	300	2.8	0.012	54.1	0.152	16.1	0.11	1.5	1.8	1.5	111	0.1	0.3	0.015	0.1	1.3	72	0.05	92
1071357	0.54	556	3.1	0.007	53.1	0.103	17.1	0.025	2.3	2.6	0.8	50	0.1	4.7	0.021	0.1	1.2	44	0.1	95
1071358	0.46	254	1.5	0.007	21	0.069	12.9	0.025	0.8	2.1	0.25	39	0.1	1.3	0.016	0.1	1	44	0.1	50
1071359	0.6	418	7.6	0.004	74.3	0.141	28.4	0.05	4.9	2.4	2.3	139	0.1	1.2	0.011	0.3	1.2	79	0.1	43
1071360	0.74	512	1.3	0.006	28.1	0.045	11.7	0.025	0.8	3	0.6	31	0.1	4	0.015	0.1	0.9	37	0.1	42
1071362	0.51	430	1.6	0.007	29.9	0.058	14.7	0.025	1.3	3.4	0.25	37	0.1	2.6	0.02	0.1	1.3	42	0.2	64
1071363	0.44	257	0.9	0.005	16.5	0.026	10.9	0.025	0.5	2	0.25	17	0.1	3.5	0.023	0.1	0.5	34	0.05	49
1071364	0.33	105	0.8	0.005	8.6	0.015	10.1	0.025	0.3	1.6	0.25	17	0.1	3.4	0.041	0.1	0.5	48	0.1	32
1071365	0.71	611	1.7	0.006	33.5	0.076	11.9	0.025	1.4	3.6	1.1	67	0.1	2.2	0.015	0.1	1.9	30	0.05	63
1071366	0.37	262	2.2	0.006	27.8	0.051	12.2	0.025	1.4	3.3	0.25	28	0.1	3.6	0.031	0.2	1.3	48	0.2	64
1071367	0.63	364	1.6	0.006	39.6	0.067	14.7	0.025	4	4.2	0.8	68	0.1	2.9	0.015	0.2	1.6	26	0.1	91
1071368	0.69	393	3	0.004	47.5	0.028	20.1	0.025	5.9	6.3	0.7	65	0.1	6.9	0.009	0.2	1.2	28	0.2	99
1071371	0.49	256	0.8	0.006	16.6	0.059	10.4	0.025	1.1	3	0.25	17	0.1	7.2	0.072	0.3	2.8	48	0.4	51

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1071372	408581	7088223	8N	0.1	1.47	18.1	14.6	1	239	0.3	0.23	0.05	7.8	31	17.2	2.25	5	0.03	0.09	21
1071373	408559	7088268	8N	0.05	1.51	21.5	7.4	0.5	211	0.5	0.22	0.2	7.5	32	20.3	2.3	5	0.05	0.15	24
1071374	408534	7088312	8N	0.05	1.54	29.4	7.8	0.5	277	0.5	0.24	0.1	9.3	35	24.5	2.43	5	0.02	0.23	30
1071375	408520	7088360	8N	0.05	1.5	16.7	4.1	2	172	0.3	0.15	0.1	7.4	27	11.2	2.17	5	0.04	0.07	17
1071376	408505	7088407	8N	0.05	1.43	20.1	6.4	0.5	127	0.4	0.2	0.1	7.1	28	15.5	2	4	0.02	0.13	17
1071377	408487	7088455	8N	0.05	1.73	19.8	7.4	2	207	0.3	0.15	0.2	7.5	30	17.1	2.48	5	0.02	0.1	23
1071378	408458	7088495	8N	0.05	4.62	24.5	0.25	0.5	3049	0.4	0.57	0.3	20.5	160	25.1	6.89	16	0.005	0.8	26
1071379	408429	7088536	8N	0.05	1.9	11.1	2.2	2	1386	0.2	0.19	0.1	9.7	32	17.2	2.6	5	0.04	0.06	17
1071380	408401	7088577	8N	0.1	1.72	11	3.5	2	575	0.2	0.16	0.1	10.6	30	23.6	2.64	5	0.03	0.06	18
1071381	408373	7088618	8N	1.1	1.1	30.8	5.8	2	215	0.2	0.08	0.2	5.9	23	20.6	2.51	3	0.02	0.08	19
1071382	408373	7088618	8N	1	1.06	29.8	5.4	0.5	208	0.2	0.07	0.2	6.1	23	22.3	2.52	3	0.03	0.07	18
1071383	408346	7088660	8N	0.4	1.4	20	4	3	166	0.2	0.15	0.4	10.7	23	34	2.44	4	0.05	0.06	17
1071384	408313	7088698	8N	0.4	1.19	17.4	3.5	2	145	0.2	0.2	0.4	8.9	21	29.6	2.24	3	0.02	0.07	14
1071385	408284	7088739	8N	68.8	1.49	601	39.2	3	116	4.9	0.23	1	11.3	26	111.2	3.12	4	0.11	0.1	16
1071386	408254	7088780	8N	0.9	1.15	11.8	3.1	3	337	0.2	3.01	0.5	12.1	22	29.7	2.48	3	0.06	0.09	21
1071387	408230	7088824	8N	0.4	1.26	12.7	2.9	0.5	504	0.2	0.23	0.6	12.4	27	36.9	3.02	4	0.04	0.06	20
1071388	408206	7088870	8N	0.4	1.08	17	2.7	2	411	0.3	0.32	0.4	7.1	23	27.9	2.36	3	0.03	0.11	18
1071389	408187	7088917	8N	0.3	1.57	24.6	2.9	0.5	295	0.5	0.21	0.2	8.9	29	18	2.63	4	0.04	0.05	22
1071390	408167	7088962	8N	0.2	2.14	19.3	4.2	5	281	0.2	0.21	0.7	11	37	38.1	2.77	6	0.02	0.24	21
1071391	408137	7089002	8N	0.2	2.26	8.8	4.6	2	237	0.1	0.2	0.2	10.2	33	16	2.75	5	0.02	0.07	17
1071392	408115	7089047	8N	0.3	1.53	12.5	3.7	0.5	126	0.3	0.06	0.3	6.5	27	16.6	3.22	5	0.04	0.04	11
1071393	412415	7087341	8N	0.3	2.71	196	22.2	0.5	152	4	0.45	0.3	34.7	29	71.1	4.23	8	0.01	0.49	39
1071394	412420	7087392	8N	0.2	2.1	154.2	2.7	0.5	94	1	0.21	0.2	31.5	28	56.6	3.48	6	0.04	0.39	46
1071395	412446	7087435	8N	0.2	3.64	69.1	154.9	0.5	182	6.5	0.28	0.05	45.8	46	66.7	5.1	11	0.02	1.01	30
1071396	413225	7088334	8N	0.05	0.94	134.1	3.5	0.5	53	0.3	0.06	0.05	4.7	16	11.3	2.26	4	0.02	0.03	13
1071397	413231	7088383	8N	0.05	1.11	7.8	2.4	0.5	90	0.3	0.13	0.05	12	21	23.8	2.42	4	0.06	0.09	20
1071398	413242	7088431	8N	0.1	1.29	7.4	0.6	0.5	87	0.3	0.07	0.1	8.7	18	33.7	3.26	4	0.05	0.05	46
1071399	413261	7088478	8N	0.05	1.22	9.2	2.4	0.5	69	0.3	0.04	0.05	6.7	19	24.6	2.82	4	0.05	0.08	25
1071400	413270	7088528	8N	0.05	1.1	9.5	3.6	0.5	87	0.5	0.12	0.2	9	21	21	2.52	3	0.02	0.09	16
1071401	410924	7086377	8N	0.2	1.23	59.8	4.4	5	277	0.3	0.56	0.5	14.7	22	17.7	3.98	4	0.03	0.25	41
1071402	410873	7086377	8N	0.8	1.48	459.2	64.3	3	293	4	0.52	0.3	11.7	25	23.7	3.51	4	0.03	0.2	36
1071403	410822	7086383	8N	0.1	1.53	11.1	7.6	2	206	0.1	0.34	0.2	6.8	25	20.4	2.3	5	0.03	0.14	26
1071404	410780	7086410	8N	0.1	1.44	18	8.6	2	247	0.4	0.37	0.2	6.9	25	19.2	2.46	4	0.03	0.16	24
1071405	410737	7086439	8N	0.05	1.41	12.2	2.6	2	185	0.2	0.3	0.3	7.1	26	13.1	2.09	4	0.02	0.14	27
1071406	410689	7086458	8N	0.05	1.57	11.5	10.8	2	253	0.2	0.29	0.1	7.8	23	14.6	2.57	5	0.02	0.13	27
1071407	410637	7086453	8N	0.2	1.63	12.5	7.7	2	426	0.3	0.4	0.2	7.8	42	22.1	2.9	5	0.02	0.22	26
1071408	410587	7086446	8N	0.05	1.47	5.6	2.8	2	188	0.05	0.25	0.1	8.2	57	23.7	2.17	5	0.005	0.18	21
1071409	410536	7086447	8N	0.2	1.55	8.5	4	1	177	0.1	0.22	0.05	8.4	50	33.6	2.77	5	0.04	0.18	20
1071410	410486	7086444	8N	0.2	1.44	8.1	3.4	2	161	0.1	0.23	0.05	8.3	64	34.3	2.62	4	0.03	0.14	18
1071411	410441	7086466	8N	0.05	1.42	10.6	1.6	2	88	0.2	0.07	0.05	7.4	33	15.3	2.63	5	0.03	0.08	12
1071412	410411	7086506	8N	0.05	1.67	8.5	1.2	2	156	0.1	0.32	0.3	13.6	183	28.8	2.62	5	0.02	0.26	16
1071413	410368	7086534	8N	0.2	2.27	10.4	2.5	2	209	0.2	0.28	0.1	14.6	126	38.9	3.2	7	0.03	0.3	18
1071414	410320	7086550	8N	0.1	1.39	9.6	4.2	2	113	0.1	0.22	0.2	11.6	58	40.7	2.48	4	0.03	0.13	16
1071415	410275	7086577	8N	0.1	1.96	9.7	4.4	1	181	0.2	0.25	0.2	16.2	187	37.8	2.96	6	0.02	0.38	17
1071416	410245	7086619	8N	0.1	1.51	15.7	3	2	100	0.2	0.08	0.2	10.4	57	22.8	2.7	4	0.03	0.09	13
1071417	410209	7086654	8N	0.2	1.53	13.6	10.6	2	129	0.3	0.16	0.3	17.4	81	50.2	2.87	5	0.05	0.16	15

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1071372	0.51	262	1	0.007	16.6	0.071	10	0.025	0.9	2.6	0.6	20	0.1	5.2	0.068	0.3	3	49	0.5	52
1071373	0.53	244	0.9	0.008	17	0.071	11.3	0.025	2.7	3.2	0.5	21	0.1	8.5	0.087	0.3	2.9	51	0.8	58
1071374	0.59	308	0.7	0.007	20.2	0.072	10.1	0.025	1.6	3.7	0.25	22	0.1	12.6	0.118	0.5	2.3	50	1.3	57
1071375	0.41	273	1	0.006	12.4	0.059	10.2	0.025	0.9	2.2	0.25	13	0.1	4.5	0.05	0.2	2.4	45	0.5	44
1071376	0.47	210	0.8	0.006	16	0.073	8.5	0.025	1.2	2	0.25	15	0.1	6.4	0.077	0.3	1.3	42	0.9	48
1071377	0.45	221	0.9	0.007	17	0.046	10.5	0.025	1.1	2.7	0.7	15	0.1	7.5	0.056	0.2	1.9	50	0.6	44
1071378	2.98	567	2.7	0.006	42.6	0.15	8.9	0.025	3.1	8.6	0.25	44	0.1	7.6	0.129	0.7	0.4	157	0.05	89
1071379	0.54	266	0.7	0.008	23.1	0.047	10.1	0.025	0.6	3	0.25	18	0.1	4.1	0.034	0.05	0.8	51	0.1	45
1071380	0.46	299	1.1	0.006	21.7	0.053	10.9	0.025	1.3	3	0.7	19	0.1	4.5	0.038	0.1	0.9	48	0.2	59
1071381	0.27	187	2.2	0.005	19.6	0.045	43.7	0.05	13	2.9	2.1	24	0.1	4.8	0.026	0.3	1.2	40	0.2	137
1071382	0.3	197	2.3	0.005	19	0.045	45.7	0.06	12.3	3.1	1.8	25	0.1	5.1	0.026	0.3	1.2	39	0.2	142
1071383	0.4	367	1.5	0.006	23.9	0.068	41.5	0.025	4.7	2.3	0.9	33	0.1	5.4	0.028	0.3	1.4	39	0.2	64
1071384	0.4	270	1.1	0.005	25.7	0.085	32.7	0.025	3.7	2.1	0.6	20	0.1	4.6	0.026	0.1	0.8	35	0.2	68
1071385	0.45	373	1.5	0.006	27.8	0.109	4599.5	0.11	274.8	2.8	4.8	25	0.1	4.4	0.033	0.2	1.1	45	0.1	91
1071386	0.36	374	1	0.007	35.2	0.092	53.3	0.025	4.3	3.1	1	129	0.1	3.4	0.019	0.2	0.8	32	0.2	91
1071387	0.53	397	1.8	0.006	34.8	0.082	21.3	0.025	3.5	3.6	0.25	32	0.1	4	0.033	0.1	1	45	0.2	87
1071388	0.56	207	5.7	0.006	28.6	0.149	28.4	0.08	5.1	1.5	1.2	56	0.1	1.2	0.024	0.2	1.9	53	0.1	75
1071389	0.53	306	1.1	0.007	20.7	0.061	42.9	0.025	1.7	2.9	0.25	21	0.1	3.4	0.033	0.1	1.4	47	0.3	70
1071390	2.1	300	10.1	0.005	46.4	0.062	46.5	0.025	6.4	3	1	25	0.1	6	0.032	0.4	1.8	95	0.05	170
1071391	1.17	404	0.6	0.006	27.2	0.042	15.2	0.025	0.8	3.3	0.25	16	0.1	5	0.032	0.1	0.7	42	0.1	59
1071392	0.36	256	1.4	0.005	13.8	0.047	12.5	0.025	0.8	1.8	0.25	13	0.1	3.3	0.029	0.1	0.7	57	0.2	46
1071393	0.96	637	0.9	0.01	37.2	0.061	21	0.025	1.8	4.3	0.5	153	0.1	16	0.071	0.5	4.2	41	1.1	75
1071394	0.73	550	1	0.01	42.8	0.062	24.5	0.025	1.7	2.5	0.25	44	0.1	15.7	0.043	0.4	3	30	0.3	67
1071395	1.34	1113	2	0.015	54.5	0.058	25.9	0.025	0.8	6.4	0.25	82	0.3	12.8	0.114	0.5	3.9	66	0.3	111
1071396	0.23	153	1	0.003	12	0.021	10.3	0.025	0.9	1.3	0.25	8	0.1	2.8	0.025	0.1	0.6	38	0.2	36
1071397	0.36	191	1.1	0.011	24.4	0.068	11.7	0.09	1.1	1.3	0.25	30	0.1	5.1	0.031	0.1	1.6	27	0.2	50
1071398	0.5	192	0.7	0.007	18.7	0.057	7.9	0.07	1.4	1.4	0.7	13	0.1	14.8	0.014	0.05	2.4	19	0.05	48
1071399	0.41	213	1	0.01	15	0.047	9.2	0.09	1.2	1.3	0.25	18	0.1	5.6	0.021	0.1	1.4	27	0.1	50
1071400	0.37	277	0.8	0.007	17.7	0.054	8.7	0.06	0.9	1.6	0.25	15	0.1	5.8	0.033	0.2	1.2	29	0.1	49
1071401	0.47	979	1.3	0.011	17.8	0.135	24.3	0.025	4.8	8.5	0.25	32	0.1	14.7	0.064	0.4	2.9	46	0.6	120
1071402	0.54	530	1.2	0.01	17.4	0.123	25.6	0.025	6.2	7.5	0.6	44	0.1	13.9	0.068	0.3	3.1	47	0.7	112
1071403	0.52	251	0.7	0.009	18	0.098	8.5	0.025	0.7	3.8	0.25	25	0.1	8.1	0.099	0.3	5.2	44	0.4	71
1071404	0.54	280	0.8	0.009	15.8	0.094	9.9	0.025	1.2	4.4	0.5	27	0.1	8.1	0.093	0.2	2.1	45	0.4	75
1071405	0.52	200	0.4	0.009	14.2	0.093	16.6	0.025	0.9	3.3	0.25	21	0.1	8.4	0.099	0.2	1.5	40	0.4	65
1071406	0.5	214	0.5	0.008	14.7	0.092	10.8	0.025	1.5	3.6	0.5	20	0.1	8.1	0.091	0.3	1.5	43	0.6	61
1071407	0.58	316	2.1	0.01	22.6	0.089	9.5	0.025	1.7	5.8	0.8	26	0.1	8.5	0.091	0.3	1.6	45	0.6	77
1071408	0.59	178	3.6	0.011	30.1	0.06	8.6	0.025	1.3	3.5	0.25	21	0.1	7.4	0.09	0.3	1.8	42	0.8	64
1071409	0.56	247	7.8	0.008	28.6	0.054	11.4	0.025	1.3	3.5	0.25	22	0.1	6.9	0.075	0.2	2.4	46	0.9	69
1071410	0.62	284	4.8	0.008	33.1	0.047	15	0.025	2	3.7	0.25	27	0.1	8.2	0.07	0.3	3.1	39	1	77
1071411	0.4	219	1.1	0.004	21.4	0.023	10.4	0.025	0.9	2.1	0.5	9	0.1	3.4	0.055	0.2	0.6	48	0.8	54
1071412	1.2	257	0.8	0.012	75.7	0.074	6.5	0.025	0.6	4	0.25	34	0.1	5	0.126	0.5	0.8	61	0.6	74
1071413	1.08	479	0.8	0.01	63.8	0.059	10.1	0.025	1.3	4.8	0.25	40	0.1	6.5	0.102	0.5	1.5	61	0.9	88
1071414	0.62	302	0.9	0.007	41	0.074	9.9	0.025	0.9	3	0.6	20	0.1	5	0.079	0.2	1.1	46	0.7	74
1071415	1.21	368	0.8	0.01	91.6	0.067	8.6	0.025	1.6	4.4	0.25	27	0.1	5.5	0.119	0.6	1.2	59	1.4	81
1071416	0.57	314	1	0.005	40.3	0.03	10.9	0.025	0.9	2.4	0.7	10	0.1	3.6	0.065	0.2	0.7	47	1.1	65
1071417	0.65	449	1.1	0.006	54.8	0.066	10.1	0.025	0.9	3	0.25	25	0.1	5.2	0.076	0.3	1	51	2	78

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1071418	410189	7086700	8N	0.2	1.41	12.7	10.6	1	118	0.2	0.18	0.2	12.1	89	37.2	2.72	4	0.03	0.16	16
1071419	410165	7086745	8N	0.3	2.05	18	10.6	2	193	0.2	0.14	0.4	20.9	187	41.6	3.35	6	0.06	0.23	13
1071425	412142	7086657	8N	0.1	1.62	26	3.6	0.5	140	0.9	0.09	0.2	12	45	24.3	2.56	5	0.02	0.21	20
1071426	412090	7086659	8N	0.2	2.04	30.6	8.5	1	176	0.7	0.11	0.4	14.9	56	35.2	3.34	6	0.02	0.3	22
1071427	413375	7089038	8N	0.05	1.22	14.1	6.4	0.5	84	0.2	0.12	0.05	8.7	21	17.3	2.29	4	0.03	0.05	16
1071428	413403	7089080	8N	0.05	1.31	55.1	2.2	1	90	0.6	0.12	0.05	13.4	22	20.1	2.4	4	0.03	0.06	20
1071429	413419	7089129	8N	0.05	1.29	17	1.2	0.5	66	0.4	0.07	0.1	6.2	20	15.2	2.28	4	0.03	0.04	15
1071430	413433	7089178	8N	0.05	1.29	112	3.1	1	64	2.3	0.07	0.2	28	27	31.9	3.3	3	0.03	0.06	39
1071431	413461	7089220	8N	0.05	1.11	90.6	1.5	0.5	69	0.6	0.09	0.1	10.2	20	21.8	2.4	4	0.02	0.08	21
1071432	413481	7089266	8N	0.05	1.16	62.4	5.5	0.5	70	1.3	0.09	0.1	8.6	18	17	2.26	4	0.03	0.04	15
1071433	413507	7089310	8N	0.05	1.21	17.5	1.6	0.5	68	0.3	0.07	0.1	11	19	16.2	2.18	3	0.03	0.03	13
1071434	413514	7089362	8N	0.05	1.09	19.6	1.8	0.5	79	0.5	0.11	0.2	8	18	19.8	2.11	3	0.02	0.05	15
1071435	413517	7089413	8N	0.05	1.77	11.9	7.8	0.5	71	0.4	0.04	0.2	12.2	22	25.8	2.85	3	0.03	0.04	17
1071436	413514	7089466	8N	0.05	1.11	62.3	2.7	0.5	37	0.9	0.02	0.05	5	17	27.9	3.5	4	0.02	0.06	31
1071437	413519	7089516	8N	0.05	1.09	38	6.3	0.5	37	0.5	0.05	0.05	9.8	18	30.4	3.52	4	0.01	0.05	26
1071438	413516	7089567	8N	0.05	0.9	84.9	1.6	0.5	33	1	0.01	0.05	11.8	14	37.9	3.89	3	0.02	0.04	42
1071439	413535	7089614	8N	0.05	0.68	16.8	1.2	0.5	28	0.5	0.02	0.05	3.3	16	11.6	2.76	5	0.01	0.03	21
1071440	413561	7089658	8N	0.05	1.97	138.4	3	1	117	1.9	0.09	0.1	12	38	29.6	3.6	4	0.02	0.08	23
1071441	413568	7089707	8N	0.05	1.36	18.9	4.1	2	87	0.5	0.12	0.1	9.9	22	21.1	2.5	3	0.02	0.05	18
1071442	413549	7089755	8N	0.05	0.92	46.7	4.2	1	57	1	0.07	0.2	6.5	18	19	2.09	3	0.04	0.05	17
1071443	413539	7089805	8N	0.2	1.9	30.5	3.2	0.5	86	1	0.04	0.05	7.7	27	69.8	5.18	5	0.005	0.21	53
1071445	413520	7089851	8N	0.3	1.05	43.4	2.1	1	80	1.8	0.08	0.05	5.3	17	33.7	2.73	3	0.03	0.08	34
1071446	413488	7089894	8N	0.2	1.16	56.5	3.5	1	44	3.6	0.05	0.05	3.3	20	27.3	3.58	7	0.04	0.07	23
1071447	413502	7089942	8N	0.2	1.38	70.3	1.5	1	80	2.2	0.09	0.1	7.7	23	53.1	3.99	4	0.03	0.14	39
1071448	413529	7089984	8N	0.4	1.21	79.4	2	1	83	1.6	0.06	0.05	6.9	20	62.6	3.41	4	0.05	0.08	28
1071449	413551	7090030	8N	0.2	1.53	97.5	4.6	0.5	78	3.2	0.04	0.1	5.7	20	50.8	4.21	4	0.03	0.1	31
1071450	413556	7090080	8N	0.2	0.97	107.6	4.8	2	128	1.5	0.1	0.2	13	18	53.1	3.3	3	0.02	0.07	35
1071451	410198	7089436	8N	0.2	1.74	80.6	5.4	3	253	0.8	1.65	0.5	6.9	30	21.6	1.79	5	0.04	0.05	20
1071452	410198	7089486	8N	0.1	1.69	38.9	4.5	2	238	0.5	0.69	0.1	8.2	24	18.3	1.76	5	0.04	0.05	17
1071453	410198	7089535	8N	0.1	1.19	20.9	2.4	5	231	0.3	2.58	0.6	5.8	22	18.6	1.17	4	0.1	0.05	11
1071454	410198	7089586	8N	0.2	1.94	26.4	4.5	3	273	0.4	1.61	0.3	8.4	26	20.2	1.97	6	0.03	0.07	16
1071455	410198	7089637	8N	0.05	3.06	23.7	1.8	2	418	0.3	8.55	0.1	8.4	44	13.7	2.27	10	0.01	0.41	14
1071456	410197	7089737	8N	0.2	2.24	170.7	4.5	3	236	0.9	1.71	0.3	8.2	36	24.6	2.14	7	0.05	0.07	16
1071457	410197	7089786	8N	0.2	2.33	87.3	8	2	248	0.6	0.24	0.7	12.6	34	78.4	2.86	6	0.04	0.07	13
1071458	410198	7089836	8N	0.5	1.21	213.3	12.7	3	239	1.5	1.7	1	7.9	24	72.5	2.05	4	0.08	0.06	9
1071459	410198	7089887	8N	0.3	1.64	174.7	9.7	2	176	0.6	0.89	0.3	8.4	33	23.5	2.3	6	0.05	0.07	22
1071460	410198	7089935	8N	0.3	1.21	52.4	3.8	2	273	0.4	0.44	0.2	8.3	27	39.1	2.2	4	0.05	0.06	18
1071461	410198	7089987	8N	0.05	1.07	74	11.7	0.5	128	0.8	0.37	0.2	8	25	20.3	1.98	5	0.01	0.06	13
1071462	410198	7090037	8N	0.2	1.33	137.8	3.2	0.5	187	0.9	0.6	0.3	11	24	19.7	2.03	5	0.02	0.04	12
1071463	410199	7088835	8N	0.2	2.28	48	7.7	3	322	0.5	0.99	0.7	11.7	38	29.6	2.61	7	0.02	0.17	15
1071464	410199	7088886	8N	0.3	1.15	17.4	13.1	3	241	1.7	1.65	0.7	7	22	31.2	1.49	4	0.04	0.07	16
1071465	410198	7088935	8N	0.2	1.65	16	8.1	2	261	0.8	1.09	0.5	8.3	26	31.4	1.97	5	0.02	0.13	17
1071466	410199	7088986	8N	0.3	1.03	25.9	6.1	3	159	0.6	1.45	0.9	8	19	24.4	1.64	3	0.04	0.04	14
1071467	410199	7089035	8N	0.2	1.48	19.2	8.7	2	162	0.6	1.63	0.7	5.3	19	25	1.48	5	0.02	0.04	15
1071468	410197	7089085	8N	0.3	1.2	504.3	7.2	2	172	1.9	1.17	0.9	5.4	16	33.1	1.61	4	0.04	0.04	23
1071469	410199	7089135	8N	0.1	1.64	82.9	12.4	2	252	0.6	1.33	0.6	8.1	25	22	2.19	5	0.02	0.1	24

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1071418	0.68	336	1	0.006	54.5	0.07	9.9	0.025	1.5	2.8	0.7	18	0.1	5.6	0.083	0.3	1	51	1.7	70
1071419	1.03	524	1	0.007	101.8	0.066	11.8	0.025	2.1	3.6	0.25	18	0.1	4	0.097	0.5	1	67	1.2	87
1071425	0.57	443	0.7	0.005	28.6	0.052	10	0.025	0.8	2.2	0.25	15	0.1	3	0.06	0.2	0.9	41	0.1	64
1071426	0.66	462	0.7	0.007	39.2	0.059	14.4	0.025	0.8	3	0.25	19	0.1	4.5	0.078	0.3	1.3	48	0.2	82
1071427	0.3	231	0.9	0.004	18.3	0.051	10.7	0.025	0.6	1.8	0.25	14	0.1	3.3	0.03	0.1	1	38	0.3	52
1071428	0.33	268	1.3	0.006	24.6	0.051	8.9	0.025	0.8	1.8	0.5	26	0.1	4	0.036	0.2	1.6	39	0.3	49
1071429	0.29	185	1	0.004	13.1	0.047	9.5	0.025	0.6	1.3	0.25	10	0.1	1.3	0.024	0.2	0.9	40	0.1	44
1071430	0.29	445	2.1	0.004	59.6	0.049	11.5	0.025	3.5	1.8	0.25	12	0.1	8.1	0.017	0.2	2.9	30	0.3	67
1071431	0.36	199	1	0.007	19.8	0.055	8.3	0.025	0.8	1.3	0.25	15	0.1	5.4	0.023	0.3	1.3	32	0.2	46
1071432	0.29	245	0.8	0.005	18	0.048	8.6	0.025	0.7	1.3	0.25	12	0.1	2.3	0.022	0.2	0.8	33	0.2	48
1071433	0.3	343	0.8	0.005	18.5	0.051	9.9	0.025	0.7	1.2	0.25	9	0.1	1.5	0.018	0.05	0.8	32	0.2	49
1071434	0.35	228	0.8	0.006	17.7	0.056	7.8	0.025	0.7	1.7	0.6	13	0.1	4.8	0.029	0.05	0.9	30	0.2	50
1071435	0.34	261	0.9	0.004	22.6	0.023	10.9	0.025	1.1	1.8	0.25	7	0.1	9.2	0.016	0.05	1.1	30	0.1	50
1071436	0.41	149	1.4	0.007	12.9	0.052	10	0.05	1.5	0.9	0.7	11	0.1	14	0.009	0.2	3.1	22	0.1	33
1071437	0.4	277	1.2	0.005	16.6	0.052	7.8	0.025	3.2	1.4	0.25	12	0.1	11.7	0.017	0.1	2.3	25	0.2	51
1071438	0.3	144	1.1	0.003	25.5	0.037	7.9	0.025	5.8	1	0.25	9	0.1	16.4	0.007	0.1	2.3	18	0.05	49
1071439	0.09	130	1.8	0.002	7.5	0.029	6.5	0.025	2.4	1.1	0.6	4	0.1	6.1	0.044	0.1	0.6	59	0.2	23
1071440	0.47	233	1.1	0.008	25.8	0.038	13.3	0.025	2	3	0.25	14	0.1	11.7	0.036	0.2	1.3	41	0.2	52
1071441	0.34	235	1	0.005	22.9	0.049	11.1	0.025	1	1.9	0.25	25	0.1	4.6	0.031	0.1	1.4	36	0.2	55
1071442	0.22	177	0.9	0.005	15.4	0.044	8.3	0.025	1.2	1.3	0.7	14	0.1	2.1	0.023	0.2	1.7	31	0.2	38
1071443	0.83	243	1.7	0.011	15.6	0.048	5.3	0.13	2.6	2.3	0.25	19	0.1	25.6	0.02	0.5	2.4	19	0.05	53
1071445	0.32	122	1.3	0.007	13.4	0.069	10.4	0.06	2.3	1	0.25	19	0.1	2	0.009	0.3	2.5	19	0.1	37
1071446	0.28	107	1.9	0.009	8.8	0.056	21.4	0.09	10.8	1.1	0.25	15	0.1	3	0.017	0.3	1.1	39	0.3	34
1071447	0.46	208	1.9	0.009	15.7	0.043	12.9	0.1	2.7	1.7	0.25	20	0.1	14.6	0.017	0.3	2.9	23	0.2	47
1071448	0.31	156	1.7	0.006	14.6	0.049	12.8	0.07	3.2	1.3	0.25	13	0.1	5.9	0.012	0.3	2.4	27	0.1	44
1071449	0.4	145	1.4	0.009	12.3	0.057	9.3	0.07	3.5	1.4	0.25	14	0.1	15.1	0.013	0.3	1.8	25	0.3	39
1071450	0.3	265	1.3	0.006	28.5	0.045	10.3	0.025	4.9	2.1	0.25	15	0.1	12.4	0.018	0.2	2.5	23	0.05	59
1071451	0.37	241	0.8	0.034	21.3	0.109	16.4	0.1	2.7	1.8	0.6	71	0.1	2	0.024	0.1	1.8	34	0.3	65
1071452	0.39	219	0.5	0.05	20.8	0.063	12.3	0.025	1.4	2.3	0.25	52	0.1	4.4	0.034	0.1	0.9	32	0.4	51
1071453	0.27	375	1	0.037	14.1	0.119	10.3	0.16	1.2	1.4	0.8	80	0.1	1.5	0.024	0.05	0.6	23	0.1	50
1071454	0.47	341	0.6	0.095	20.8	0.079	12.4	0.025	1.1	1.9	0.5	91	0.1	2.6	0.029	0.1	0.7	33	0.2	62
1071455	1.11	371	0.4	0.239	18.7	0.083	11.2	0.025	0.5	4.1	0.25	291	0.1	6.1	0.108	0.3	0.5	38	0.2	46
1071456	0.69	271	0.5	0.061	21.4	0.089	9.7	0.025	8.6	2.7	1.4	107	0.1	2.6	0.048	0.2	4.2	39	0.3	65
1071457	0.63	322	1.8	0.007	38.5	0.043	14.2	0.025	2.8	2.9	0.25	30	0.1	4.4	0.042	0.3	0.9	67	0.3	95
1071458	0.42	204	1.2	0.008	31.9	0.104	11.9	0.08	24	2.9	0.8	49	0.1	1.4	0.008	0.2	2	55	0.2	95
1071459	0.56	296	0.5	0.029	21	0.091	14.3	0.025	22	4.1	0.25	64	0.1	6.3	0.03	0.2	2.3	40	0.3	69
1071460	0.47	275	0.7	0.011	23	0.091	10.4	0.025	11.6	3.2	0.25	27	0.1	5.3	0.041	0.1	1.1	44	0.2	74
1071461	0.4	364	0.8	0.007	17.8	0.068	11.2	0.025	9.1	1.7	0.25	24	0.1	2.1	0.035	0.1	0.6	47	0.4	60
1071462	0.4	806	1.5	0.011	16.9	0.063	11	0.05	12.5	1.8	0.25	32	0.1	1.5	0.021	0.2	1.4	41	0.3	68
1071463	0.84	276	0.3	0.074	23.9	0.07	16.1	0.08	1.7	4.2	0.25	59	0.1	6.9	0.084	0.3	0.9	47	0.3	74
1071464	0.32	394	0.5	0.038	19.2	0.082	24.1	0.12	2.1	2.2	0.25	61	0.1	3	0.031	0.1	1.2	29	0.4	69
1071465	0.72	209	0.3	0.053	21.1	0.064	18.6	0.025	1.9	3.2	0.25	59	0.1	6.6	0.066	0.3	1.1	37	0.3	62
1071466	0.29	340	0.2	0.036	18.4	0.069	22.9	0.09	1.8	1.9	0.25	64	0.1	3.3	0.024	0.1	0.8	24	0.4	55
1071467	0.45	173	0.1	0.049	16.5	0.092	22.1	0.07	2.1	2.4	0.25	103	0.1	4.1	0.015	0.05	0.9	20	0.3	59
1071468	0.27	378	0.8	0.016	13.4	0.093	23.9	0.1	7.7	1.1	0.6	53	0.1	1.5	0.01	0.2	11	23	0.3	55
1071469	0.57	295	0.7	0.041	21.8	0.076	18.5	0.025	3.5	2.8	0.25	113	0.1	7.6	0.048	0.2	1.1	37	0.3	66

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1071470	410200	7089186	8N	0.2	2.06	75.5	5.8	2	266	0.9	0.96	0.3	8.2	32	18.8	2.05	6	0.03	0.08	19
1071471	410199	7089236	8N	0.1	1.67	69.2	2.8	0.5	249	0.5	0.89	0.2	7.7	23	19.4	2	5	0.03	0.04	15
1071472	410199	7089286	8N	0.1	1.41	108.9	3.6	0.5	234	0.8	0.35	0.2	8.5	23	20.9	2.22	4	0.02	0.06	19
1071473	410199	7089336	8N	0.05	1.22	85.8	14.9	0.5	225	0.7	0.33	0.2	4.6	19	15.3	1.68	4	0.01	0.05	18
1071474	410198	7089386	8N	0.2	1.55	125.3	6.7	2	188	1.2	0.91	0.3	6.5	24	19.2	1.86	5	0.02	0.04	20
1071475	412846	7083276	8N	0.1	1.28	22.1	20.8	0.5	147	0.2	0.12	0.6	16	26	42.7	3.58	4	0.02	0.09	33
1071476	410199	7090087	8N	0.3	1.44	120.2	4.8	1	197	1	0.64	0.3	9.2	25	27.2	1.92	4	0.03	0.04	17
1071477	410200	7090186	8N	0.3	1.06	56.2	28.7	2	213	0.5	0.67	0.4	7.7	20	19	1.76	3	0.02	0.05	12
1071478	410199	7090237	8N	0.4	1.17	97	3.7	4	230	1	0.76	0.7	9	21	40.2	1.85	4	0.07	0.04	14
1071479	410198	7090287	8N	0.4	0.98	91.7	3.5	16	261	1.2	1.71	1	7	17	60.2	1.34	3	0.04	0.04	10
1071480	412598	7083526	8N	0.3	0.28	22.1	10.2	2	71	1	0.1	0.2	17.9	4	60.9	4.97	0.5	0.05	0.09	29
1071481	412636	7083495	8N	0.6	0.67	45.5	9.4	2	91	0.6	0.16	2	12.5	15	39.3	2.88	2	0.08	0.08	34
1071482	412674	7083460	8N	0.05	0.68	13.1	9.3	0.5	55	0.4	0.07	0.1	6.7	15	20.6	2.52	3	0.03	0.04	27
1071483	412711	7083427	8N	0.05	1.1	16	2.3	0.5	110	0.5	0.08	0.3	12.2	22	27.5	3.56	5	0.06	0.09	26
1071484	412747	7083392	8N	0.1	0.78	14.9	4	2	172	0.7	0.21	0.4	17.1	17	43.3	3.99	2	0.04	0.09	32
1071485	412779	7083352	8N	0.3	2.4	39.1	12.1	1	85	0.4	0.23	0.3	49.5	62	194.4	7.79	8	0.03	0.06	25
1071486	412813	7083315	8N	0.1	0.83	26	11.9	2	102	0.3	0.08	0.3	17.4	19	59.7	3.4	3	0.03	0.07	27
1071487	412310	7087155	8N	0.05	1.55	12.5	8.4	1	109	0.3	0.07	0.1	9.1	27	21.1	2.55	5	0.02	0.1	18
1071488	412289	7087108	8N	0.05	1.81	18.1	2.5	1	134	0.5	0.08	0.2	9.8	33	23.8	3.24	6	0.04	0.14	19
1071489	412268	7087061	8N	0.1	2.07	14.3	1.2	1	170	0.4	0.12	0.2	13.4	34	32.2	3.48	6	0.02	0.22	22
1071490	412300	7087022	8N	0.05	2.13	11.8	1.9	1	137	0.4	0.08	0.2	10.9	32	30.5	3.55	6	0.03	0.17	24
1071491	412325	7086977	8N	0.05	1.81	9.8	1.1	1	110	0.3	0.08	0.1	9.8	29	26.2	2.9	5	0.02	0.16	25
1071492	412329	7086926	8N	0.05	1.36	10.3	3.9	1	164	0.2	0.13	0.2	8.1	25	23.5	2.34	4	0.02	0.1	22
1071493	412331	7086875	8N	0.05	1.39	13.4	2.1	1	87	0.3	0.11	0.1	7.3	25	20.9	2.16	4	0.02	0.08	20
1071494	412337	7086825	8N	0.05	1.27	9	1.6	0.5	122	0.2	0.13	0.3	19.4	22	28.2	2.1	4	0.03	0.07	24
1071495	412339	7086774	8N	0.05	1.3	10.8	2.4	1	84	0.2	0.09	0.2	19.4	22	18.9	2.27	4	0.02	0.05	19
1071497	412316	7086727	8N	0.1	1.41	12.7	1.2	2	119	0.3	0.1	0.4	12.7	27	19.2	2.45	4	0.04	0.09	18
1071498	412281	7086689	8N	0.1	1.42	9.3	5.1	0.5	100	0.2	0.17	0.2	8.8	29	26.5	2.31	4	0.02	0.12	26
1071499	412245	7086653	8N	0.1	1.73	11	2.5	1	148	0.3	0.13	0.3	10.6	37	28.2	2.67	5	0.03	0.11	26
1071500	412194	7086655	8N	0.2	1.99	10.9	1.5	0.5	141	0.3	0.09	0.4	10.6	46	30.1	2.94	5	0.03	0.22	25
1074401	404546	7076394	8N	1.4	1.33	59.2	2.8	1	137	0.4	0.16	5.4	8.6	19	21.9	2.92	4	0.04	0.05	21
1074402	404569	7076441	8N	0.7	0.92	95.9	6.7	1	104	0.4	0.13	13.9	8.5	15	19.3	2.57	3	0.05	0.05	21
1074403	404590	7076485	8N	0.4	0.82	85.7	7.3	1	110	0.3	0.29	1.3	9.7	12	26.1	2.67	2	0.03	0.03	19
1074404	404610	7076530	8N	0.4	0.79	14.6	2	0.5	127	0.3	0.15	1.1	9.6	13	23.4	2.66	2	0.04	0.04	25
1074405	404653	7076621	8N	0.2	0.77	47.7	2.6	1	93	0.3	0.74	1.1	9.3	11	23.3	2.88	2	0.04	0.07	19
1074406	404672	7076666	8N	0.3	0.57	27.4	2.5	0.5	64	0.3	0.22	1	10.7	8	20	2.28	2	0.02	0.09	26
1074410	404632	7076574	8N	0.05	0.74	35.3	2.1	0.5	86	0.5	0.11	0.3	5.7	15	12.5	2.14	3	0.04	0.04	12
1074551	412256	7089351	8N	0.2	1.95	15.8	32.2	3	155	3.6	1.13	0.3	6	18	27.9	1.74	5	0.04	0.04	18
1074552	412305	7089365	8N	0.05	3.25	45.2	2.4	0.5	127	0.9	1.72	0.2	11.9	19	10.6	1.48	12	0.02	0.11	30
1074553	412354	7089377	8N	0.05	1.4	34	7.2	0.5	199	2.2	0.34	0.05	11.3	18	16.3	1.93	4	0.03	0.04	18
1074554	412403	7089369	8N	0.05	1.46	23.1	10.7	2	123	2.6	0.33	0.2	9.1	23	14.2	2.05	5	0.05	0.04	12
1074555	412449	7089391	8N	0.1	1.87	69.9	20	2	160	1.1	0.57	0.3	11.4	23	25.5	2.13	6	0.06	0.05	18
1074556	412492	7089416	8N	0.4	1.5	52.4	12.3	3	138	2.4	0.67	0.5	10.5	20	28.4	2.33	4	0.06	0.05	27
1074557	412531	7089447	8N	0.2	1.65	20	11.4	16	105	1.8	1.86	0.8	6.7	12	22.7	1.16	4	0.03	0.04	14
1074558	412553	7089492	8N	0.05	1.55	61.2	5.7	0.5	233	3	0.41	0.2	7.1	13	28.5	1.94	4	0.02	0.04	23
1074559	412591	7089527	8N	3	0.85	10000	212.5	3	170	104.4	0.53	1.3	42.8	9	365.4	7.38	3	0.07	0.09	100

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1071470	0.59	241	0.6	0.025	22.4	0.064	18.3	0.025	3.1	2.9	0.25	117	0.1	5.1	0.026	0.2	0.9	35	0.2	66
1071471	0.43	228	0.5	0.013	20.2	0.075	13.4	0.06	1.7	2.6	0.25	76	0.1	3.8	0.017	0.1	0.8	31	0.2	62
1071472	0.41	257	0.8	0.008	19	0.066	15.5	0.025	1.4	2.5	0.25	33	0.1	5.4	0.026	0.1	1.9	36	0.2	64
1071473	0.33	128	0.8	0.009	15.7	0.068	14.5	0.025	1.7	1.9	0.25	28	0.1	4.2	0.03	0.1	1.4	30	0.4	48
1071474	0.36	302	0.8	0.031	16.5	0.058	19.9	0.07	3.4	1.9	0.25	57	0.1	3.7	0.021	0.1	1.6	29	0.4	58
1071475	0.49	818	0.9	0.009	35	0.05	49.9	0.025	11.5	2.3	0.25	16	0.1	5.2	0.019	0.1	1	33	0.1	117
1071476	0.43	477	1.5	0.014	19.5	0.071	9.7	0.025	12.9	2.3	0.25	35	0.1	3.1	0.028	0.2	3.3	37	0.3	66
1071477	0.38	455	0.8	0.026	19.1	0.088	19.2	0.025	1.7	1.9	0.25	35	0.1	4.3	0.027	0.1	0.6	35	0.5	71
1071478	0.36	464	0.5	0.019	19.6	0.052	34.2	0.025	1.8	2.4	0.25	33	0.1	2.6	0.016	0.1	1.4	36	0.3	94
1071479	0.3	400	0.3	0.016	16	0.067	13.3	0.08	1.3	1.4	0.25	51	0.1	1.5	0.015	0.2	2	24	0.2	74
1071480	0.07	869	1.9	0.029	33.3	0.066	52.8	0.22	7.6	2	0.25	50	0.1	12.9	0.004	0.1	3.1	7	0.05	57
1071481	0.23	450	0.9	0.006	23.2	0.072	708.1	0.08	179	1.6	0.25	22	0.1	8.1	0.016	0.1	2.4	25	0.3	229
1071482	0.15	246	1.1	0.003	14.4	0.034	21.8	0.07	3.8	0.9	0.25	10	0.1	3.3	0.023	0.1	1.1	38	0.3	57
1071483	0.25	793	1.4	0.004	23.5	0.063	46.6	0.025	3.5	1.4	0.25	11	0.1	1.7	0.015	0.2	1.1	38	0.2	92
1071484	0.24	924	1.2	0.005	31.3	0.106	45.7	0.12	8.4	2.4	0.25	38	0.1	3	0.008	0.2	1.7	28	0.2	93
1071485	1.29	1406	0.9	0.004	86.5	0.073	27.6	0.025	7.4	7.4	0.25	18	0.1	6.8	0.008	0.05	0.7	77	0.05	107
1071486	0.35	582	0.8	0.004	35	0.03	25.1	0.1	11.7	2.4	0.25	11	0.1	6.1	0.007	0.05	0.9	29	0.1	79
1071487	0.48	288	0.8	0.005	24.2	0.045	11.7	0.025	0.9	2	0.25	15	0.1	3.5	0.044	0.2	1.2	38	0.2	62
1071488	0.45	347	1.3	0.006	26.1	0.071	16.8	0.025	1.1	1.5	0.25	18	0.1	1.2	0.036	0.2	1.3	50	0.2	70
1071489	0.58	384	1.3	0.007	33.2	0.072	18.4	0.025	1.2	2.3	0.25	25	0.1	3.6	0.056	0.2	1.7	45	0.2	86
1071490	0.56	255	1.3	0.007	29.3	0.062	16.3	0.025	1.1	2	0.25	22	0.1	2.9	0.05	0.2	1.7	47	0.2	77
1071491	0.55	245	1	0.006	30.4	0.041	12.7	0.025	1	2.2	0.25	17	0.1	5.5	0.053	0.2	1.6	37	0.3	70
1071492	0.46	204	0.7	0.005	25.8	0.054	8.6	0.025	0.8	2.3	0.25	17	0.1	6	0.047	0.1	1.4	35	0.3	64
1071493	0.47	220	0.8	0.005	25	0.05	8.9	0.025	0.8	1.8	0.25	14	0.1	4.4	0.039	0.1	1.4	33	0.2	62
1071494	0.44	270	0.7	0.006	29.7	0.063	9	0.025	0.7	2.3	0.25	15	0.1	6.2	0.04	0.05	1.8	32	0.2	66
1071495	0.43	547	0.8	0.004	21.2	0.057	9.4	0.025	0.8	2.1	0.25	12	0.1	3.7	0.037	0.05	1.2	35	0.3	66
1071497	0.44	1071	1	0.005	19.2	0.068	16.1	0.025	1.6	1.3	0.25	14	0.1	0.7	0.024	0.1	1	41	0.2	65
1071498	0.49	264	0.7	0.005	25.3	0.071	12.3	0.025	1.2	2.1	0.25	17	0.1	6.1	0.042	0.1	1.1	35	0.2	68
1071499	0.62	354	0.9	0.007	27.4	0.072	14.9	0.025	1	3.3	0.25	15	0.1	5.7	0.044	0.1	1.4	42	0.2	80
1071500	0.66	316	0.8	0.006	33.9	0.056	20.1	0.025	1.8	2.7	0.25	14	0.1	3.9	0.043	0.2	1.2	44	0.1	92
1074401	0.37	659	0.7	0.005	24.2	0.067	239	0.025	1.2	1.7	0.8	11	0.1	3.1	0.012	0.2	1.1	28	0.2	524
1074402	0.25	668	0.7	0.004	22.9	0.059	89.3	0.025	3.4	1.8	0.5	10	0.1	3.4	0.015	0.1	0.8	27	0.3	608
1074403	0.19	600	0.6	0.004	25.5	0.069	39.9	0.025	0.9	1.7	0.7	25	0.1	3.7	0.009	0.05	0.9	20	0.1	148
1074404	0.19	705	0.8	0.004	25.5	0.049	31.1	0.025	0.8	1.7	0.6	12	0.1	4.1	0.01	0.05	1.1	19	0.1	119
1074405	0.19	731	0.6	0.007	24.8	0.08	37.7	0.07	0.3	1.6	0.7	32	0.1	3.9	0.009	0.05	1.1	12	0.05	123
1074406	0.22	458	0.4	0.004	23.6	0.049	31.6	0.025	0.9	1.1	0.25	15	0.1	12.5	0.012	0.05	0.9	10	2.1	108
1074410	0.19	295	0.8	0.004	13	0.049	61.5	0.025	0.6	0.8	0.25	10	0.1	1	0.015	0.05	0.6	29	0.2	64
1074551	0.69	258	0.5	0.062	17.1	0.116	16.9	0.025	1.5	2.1	0.25	125	0.1	4.4	0.026	0.05	1.6	23	0.6	62
1074552	0.45	321	0.3	0.01	9.5	0.068	24.3	0.025	1	1.9	0.25	205	0.1	6.6	0.011	0.1	2.7	27	0.1	35
1074553	0.43	483	0.7	0.008	17	0.058	15.8	0.025	1.2	1.6	0.25	78	0.1	3.3	0.022	0.05	1.8	31	0.4	46
1074554	0.35	252	0.9	0.012	18.1	0.043	10.4	0.025	1	1.6	0.25	19	0.1	2	0.039	0.05	0.7	37	0.3	43
1074555	0.41	422	0.7	0.015	22.6	0.059	12	0.06	10.4	1.9	0.25	40	0.1	2.4	0.033	0.1	1.3	33	0.5	54
1074556	0.44	424	0.9	0.02	21.4	0.058	23.5	0.025	50.3	2.1	0.25	44	0.1	4.4	0.027	0.2	2.9	29	0.6	54
1074557	0.21	589	0.6	0.049	12.6	0.077	28.4	0.09	2.2	0.8	0.25	84	0.1	2	0.016	0.05	0.8	15	0.3	55
1074558	0.36	473	0.6	0.004	11.9	0.047	18.1	0.025	2.9	2	0.25	209	0.1	11.6	0.005	0.05	1	24	1.2	35
1074559	0.21	1411	5	0.005	32	0.055	170.9	0.025	156.9	5.4	1.6	133	0.3	26.6	0.01	0.3	53.7	24	1.7	78

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1074560	412614	7089571	8N	0.2	1.4	1317.8	21.4	2	159	9.6	0.19	0.5	17.3	23	137.3	3.49	5	0.04	0.11	24
1074561	412658	7089596	8N	0.05	0.96	320.5	4.8	2	101	1.7	0.13	0.1	7.7	17	27.4	2.34	4	0.03	0.09	13
1074562	412705	7089613	8N	0.05	1.03	121.7	6.9	0.5	108	1.7	0.07	0.1	6.5	17	27.3	2.28	3	0.03	0.06	15
1074563	412750	7089635	8N	0.1	1.06	75.9	3.8	1	88	0.7	0.06	0.2	9.1	19	33.9	2.68	3	0.04	0.11	14
1074564	412797	7089653	8N	0.05	1.1	117.3	3	1	98	0.9	0.07	0.2	14.8	17	69	3.64	3	0.01	0.12	19
1074566	412847	7089649	8N	0.05	1.07	71.4	0.9	0.5	140	0.8	0.02	0.1	15.3	20	50	4.07	3	0.005	0.25	23
1074567	412889	7089622	8N	0.05	0.95	84.2	2.3	1	61	0.8	0.005	0.05	12.3	19	47.1	3.93	3	0.02	0.17	27
1074568	412917	7089580	8N	0.4	1.26	767.6	26.3	2	137	10.1	0.29	0.4	14.3	20	98.4	3.19	4	0.03	0.12	30
1074569	412928	7089527	8N	0.2	1.77	31.6	2.4	0.5	78	0.9	0.03	0.3	5.8	24	31.9	3.17	5	0.07	0.19	15
1074570	412949	7089482	8N	0.2	1.65	26.8	1.3	2	71	3.2	0.02	0.1	8.1	21	57.8	4.16	4	0.01	0.29	29
1074571	412976	7089440	8N	0.2	1.71	24.8	1	1	76	0.8	0.03	0.05	6.1	22	26.3	3.35	6	0.03	0.14	26
1074572	412950	7089397	8N	0.1	1.83	22.2	3.1	0.5	123	0.7	0.05	0.1	22.2	27	30.3	3.52	6	0.02	0.18	12
1074573	412950	7089347	8N	0.05	1.21	152	5.2	0.5	71	4.3	0.1	0.3	11.4	20	17	2.54	3	0.04	0.05	23
1074574	412939	7089297	8N	0.05	1.43	31.7	1.3	1	87	0.9	0.06	0.1	10.5	25	19.5	2.47	4	0.02	0.06	14
1074575	412930	7089247	8N	0.05	1.67	74.1	2.1	0.5	90	1.4	0.05	0.2	9	23	26	3.23	5	0.04	0.12	21
1074576	412919	7089198	8N	0.05	1.68	59.3	1.3	0.5	102	1.4	0.03	0.2	9.7	25	18.2	3.16	6	0.03	0.15	17
1074577	412901	7089151	8N	0.05	1.56	70.2	2.3	1	115	0.8	0.09	0.2	10.8	21	19.3	2.31	4	0.03	0.07	14
1074578	412888	7089104	8N	0.2	1.65	161.3	9.4	1	121	3.4	0.18	0.3	9.6	21	35.5	2.51	5	0.03	0.07	19
1074579	412870	7089056	8N	0.05	1.03	25.3	3.3	0.5	72	0.5	0.09	0.2	6.4	18	18.3	2.17	3	0.03	0.08	16
1074580	412852	7089009	8N	0.05	1.52	31.8	1.8	0.5	123	0.5	0.08	0.2	9.2	23	17.1	2.44	4	0.02	0.08	19
1074581	412832	7088964	8N	0.05	1.25	85.4	4.4	0.5	129	1.3	0.16	0.3	15.6	20	31.1	2.45	3	0.03	0.11	20
1074582	412802	7088923	8N	0.1	1.52	94.4	5.9	0.5	110	1.3	0.1	0.2	11.5	24	22.4	2.75	4	0.03	0.08	15
1074583	412778	7088880	8N	0.05	1.42	73.4	4.2	0.5	108	1.1	0.11	0.3	10.7	26	19.6	2.72	4	0.03	0.1	17
1074584	412745	7088842	8N	0.05	1.28	36	2.8	0.5	96	0.5	0.09	0.3	10.6	20	19.2	2.28	3	0.03	0.09	13
1074585	412735	7088794	8N	0.05	1.6	43.2	1.3	0.5	93	1	0.07	0.2	12.9	23	21.1	2.6	4	0.02	0.12	16
1074586	412725	7088747	8N	0.05	1.1	40.8	3.6	1	80	0.6	0.08	0.2	7.2	19	18.6	2.22	3	0.02	0.07	14
1074590	407869	7087381	8N	0.2	1.59	7.7	2.2	2	260	0.2	2.04	0.4	10.7	29	22.2	2.56	5	0.04	0.07	18
1074593	407735	7087451	8N	0.3	1.46	10.9	1.9	2	347	0.2	0.83	0.3	16.1	27	32.1	3.05	4	0.08	0.05	15
1074598	407511	7087570	8N	0.6	0.88	8	4.8	1	251	0.2	0.6	1	16.9	14	71.5	3.49	3	0.06	0.13	32
1074599	407467	7087595	8N	0.3	1.02	16.7	14.4	2	172	0.3	0.33	1.2	16.1	20	148.1	3.29	4	0.03	0.13	17
1074600	407426	7087624	8N	0.2	1.75	13.4	2	0.5	265	0.2	0.2	0.6	22	33	38.7	3.67	5	0.03	0.04	17
1074601	410299	7087335	8N	0.2	1.64	37.6	12.4	1	199	0.3	0.25	0.2	8.1	32	34	2.5	5	0.02	0.19	22
1074602	410299	7087586	8N	0.2	1.22	79.6	21.4	1	166	0.8	0.22	0.1	6.2	26	19.3	2.09	5	0.04	0.06	20
1074603	410300	7087687	8N	0.2	1.38	88.2	21.4	2	211	0.8	0.26	0.1	6.4	28	17.3	2.2	5	0.04	0.06	23
1074604	410300	7087737	8N	0.2	1.28	491	5.8	2	189	1.7	0.25	0.1	5.9	25	28	2.21	5	0.03	0.06	28
1074605	410300	7087785	8N	0.3	1.27	554.1	13.1	2	224	3	0.5	0.3	7.4	25	46.3	2.24	5	0.04	0.07	25
1074606	410299	7087837	8N	0.4	1.21	552	7	2	188	2	0.48	0.2	7	26	56.1	2.23	5	0.03	0.08	27
1074607	410298	7087884	8N	0.2	0.5	120.3	4.8	2	86	0.7	0.25	0.9	2.2	15	16.5	0.86	4	0.04	0.07	10
1074608	410299	7087937	8N	0.3	1.39	525.6	13.9	2	199	1.7	0.41	0.05	8.6	30	41.5	2.47	5	0.04	0.08	30
1074609	410299	7087985	8N	0.2	1.39	170.1	3.5	2	165	1	0.33	0.3	7	33	27.8	1.78	5	0.03	0.12	28
1074610	410299	7088035	8N	0.2	1.21	22.1	3.6	3	143	0.7	0.26	0.3	3.4	26	15.4	1.27	5	0.03	0.08	17
1074611	410199	7088086	8N	0.2	1.64	244.3	12.5	2	212	0.8	0.59	0.4	8.4	31	33.6	2.46	6	0.05	0.08	28
1074612	410198	7088136	8N	0.2	1.82	234.5	12.1	2	183	1.5	0.3	0.3	9.9	34	42.3	2.65	6	0.03	0.1	24
1074613	410198	7088187	8N	0.2	1.62	141.8	7.6	3	160	2.3	0.25	0.2	7.9	28	66.3	2.6	6	0.04	0.08	17
1074614	410199	7088236	8N	0.1	1.62	30.3	0.25	1	454	0.4	0.23	0.3	8.5	38	26.5	2.64	7	0.03	0.16	17
1074615	410199	7088287	8N	0.3	1.99	49.6	8.5	1	1276	0.9	0.85	0.6	16	47	79.5	3.28	6	0.05	0.22	18

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1074560	0.39	494	1.9	0.008	25.1	0.088	20.4	0.06	22.7	3.1	0.6	37	0.1	5	0.037	0.3	4.8	47	2.6	53
1074561	0.22	199	0.9	0.007	16.4	0.05	10.6	0.06	4.3	1.6	0.25	28	0.1	5.4	0.034	0.3	1.4	31	0.5	38
1074562	0.22	164	0.9	0.004	13.4	0.039	10.4	0.05	7.4	2.1	0.25	26	0.1	7.6	0.013	0.4	1.5	27	0.4	35
1074563	0.29	210	0.9	0.006	19.2	0.04	8.1	0.06	3.9	1.6	0.25	14	0.1	5.2	0.025	0.3	1.2	28	0.2	43
1074564	0.3	222	1.4	0.01	24.1	0.052	12.9	0.07	12.6	2	0.6	27	0.1	8.4	0.027	0.2	1.8	24	0.2	55
1074566	0.3	294	1.2	0.011	29.7	0.04	16.9	0.17	10.3	1.9	0.7	14	0.1	13.1	0.03	0.6	2.2	22	0.05	63
1074567	0.21	201	1.8	0.004	27	0.037	15	0.06	10.4	1.6	0.25	9	0.1	11.5	0.02	0.4	2	27	0.05	55
1074568	0.34	342	1.3	0.011	19.6	0.076	25.5	0.07	55.5	2.7	0.5	59	0.1	8.3	0.02	0.4	5	29	0.4	53
1074569	0.28	129	1.2	0.008	34.5	0.089	13.7	0.13	2.7	0.6	0.6	21	0.1	0.6	0.02	0.4	1.9	31	0.05	49
1074570	0.37	140	0.9	0.014	34.7	0.059	13.2	0.14	4.9	1.3	0.7	41	0.1	13.3	0.038	0.4	2.4	20	0.3	46
1074571	0.28	108	1.2	0.008	26.1	0.038	9.9	0.07	2.3	1.4	0.25	34	0.1	10.6	0.045	0.3	1.1	37	0.1	42
1074572	0.5	413	1.3	0.008	32.7	0.029	11.2	0.025	1.4	2.3	0.25	31	0.1	7.3	0.052	0.2	1	40	0.2	75
1074573	0.38	524	1.1	0.006	21.8	0.048	14.1	0.025	3.3	1.7	0.25	13	0.1	5.3	0.031	0.1	2.5	36	0.4	59
1074574	0.39	273	1.1	0.005	20.7	0.03	9.3	0.025	1.8	1.8	0.25	12	0.1	3.7	0.031	0.1	1	35	0.2	52
1074575	0.45	264	1.1	0.009	22.4	0.036	11.5	0.05	3.7	1.6	0.25	22	0.1	7.9	0.05	0.2	1.2	34	0.2	56
1074576	0.41	232	1.1	0.005	23.7	0.032	10.5	0.025	2.2	1.6	0.25	22	0.1	6.1	0.048	0.2	0.8	33	0.2	59
1074577	0.41	276	0.7	0.005	20.1	0.04	8.6	0.025	5.5	1.8	0.25	13	0.1	4.2	0.036	0.1	1	29	0.2	56
1074578	0.42	223	0.7	0.012	21.9	0.065	13.8	0.025	34.5	2.1	0.25	27	0.1	6.9	0.041	0.2	1.4	31	0.5	45
1074579	0.38	231	0.7	0.005	19.3	0.044	10	0.025	2.5	1.4	0.25	12	0.1	4	0.039	0.1	0.9	31	0.3	51
1074580	0.47	259	0.7	0.006	19.8	0.038	10.2	0.025	7	1.8	0.25	12	0.1	4.3	0.034	0.2	1	33	0.2	58
1074581	0.43	353	0.8	0.009	30.8	0.07	11.3	0.025	9.3	1.9	0.25	22	0.1	8.3	0.04	0.2	1.4	30	0.3	69
1074582	0.36	211	0.9	0.005	22.3	0.033	10.9	0.025	6.5	1.8	0.25	15	0.1	4.8	0.03	0.2	1	33	0.3	49
1074583	0.46	320	0.8	0.007	22.1	0.05	11.3	0.025	5.4	1.9	0.25	14	0.1	6.1	0.049	0.1	1.1	34	0.3	59
1074584	0.37	252	0.8	0.005	24.5	0.055	9.8	0.025	2.4	1.6	0.25	11	0.1	5.6	0.035	0.1	0.9	28	0.3	68
1074585	0.38	306	1	0.005	20.2	0.043	10.2	0.025	1.6	1.6	0.25	18	0.1	6.6	0.041	0.2	1.1	29	0.3	56
1074586	0.29	173	0.8	0.004	17.3	0.042	9.2	0.025	1.4	1.3	0.25	14	0.1	4.1	0.033	0.1	0.9	28	0.3	44
1074590	1.13	387	0.6	0.008	23.5	0.117	19.5	0.025	4.6	3.3	0.25	55	0.1	5	0.038	0.05	0.6	36	0.2	77
1074593	0.78	534	1	0.005	34.5	0.094	17.1	0.025	4	3	1.3	40	0.1	3.4	0.009	0.2	1.3	40	0.2	104
1074598	0.44	487	3.1	0.004	42.5	0.098	21.8	0.025	2.6	2.3	1	66	0.1	10.4	0.005	0.2	1.6	25	0.05	144
1074599	0.54	306	9.8	0.005	54.5	0.181	27.7	0.025	8	1.7	3.7	61	0.1	5	0.02	0.2	2	50	0.1	245
1074600	0.68	567	1.6	0.009	43	0.111	19.7	0.025	4.6	3.2	0.25	45	0.1	3.8	0.022	0.05	1.2	54	0.2	84
1074601	0.57	272	0.7	0.009	20.6	0.074	9.2	0.025	6.9	3.6	0.5	28	0.1	7.3	0.087	0.2	1.9	46	0.8	55
1074602	0.41	243	1.5	0.007	13.7	0.069	9.4	0.025	2.7	2.1	0.25	20	0.1	4.5	0.053	0.2	3.6	44	0.6	45
1074603	0.44	251	1.6	0.008	15.1	0.063	9.8	0.025	2.8	2.3	0.7	26	0.1	2.9	0.05	0.2	5.7	46	0.5	55
1074604	0.41	256	1.8	0.006	12.8	0.06	11	0.025	3.1	2.2	0.8	24	0.1	2.8	0.036	0.2	5.5	44	0.5	51
1074605	0.38	482	2.2	0.009	13.5	0.076	12.1	0.025	5.4	2.2	0.7	44	0.1	1.8	0.032	0.3	5.6	45	0.4	53
1074606	0.44	370	1.7	0.008	15.2	0.059	10.7	0.025	4.3	2.6	0.25	43	0.1	4	0.055	0.3	6.1	43	0.8	56
1074607	0.15	86	2.1	0.007	6.7	0.033	7.4	0.07	1.4	1.1	0.7	24	0.1	1.3	0.05	0.2	1.3	28	0.5	33
1074608	0.48	417	1.8	0.008	17.6	0.058	11.2	0.08	6.1	2.7	0.9	39	0.1	4.1	0.045	0.3	7.9	45	0.8	61
1074609	0.52	164	1.4	0.008	14.4	0.071	10.6	0.025	10.7	3.5	0.7	25	0.1	9.8	0.089	0.3	9.9	42	1.3	52
1074610	0.48	117	0.5	0.01	11.3	0.048	11.3	0.025	3	2.5	0.25	26	0.1	2.7	0.062	0.2	2.7	32	0.7	42
1074611	0.54	360	1.3	0.028	18.3	0.07	12.5	0.05	4.6	2.9	0.25	49	0.1	5.2	0.059	0.3	6.1	49	3.4	67
1074612	0.68	405	1.7	0.012	18.8	0.066	10.6	0.06	5.3	3.6	0.5	34	0.1	5.4	0.065	0.3	4.7	56	1.9	72
1074613	0.55	302	1.4	0.007	19.1	0.071	10.6	0.025	5.9	2.2	0.25	21	0.1	2.1	0.047	0.2	2	54	1.4	70
1074614	0.6	414	1.6	0.009	17.4	0.061	10.5	0.025	1.4	2.5	0.6	25	0.1	3	0.11	0.2	1.2	62	0.5	61
1074615	1.02	401	1	0.039	36.3	0.099	12.9	0.025	4.4	6.2	0.6	45	0.1	5.1	0.138	0.3	0.7	81	0.4	84

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1074616	410197	7088337	8N	0.6	1.8	59.5	3	4	268	1.2	1.4	0.8	9.4	25	35.1	2.08	5	0.09	0.05	17
1074617	410197	7088387	8N	0.6	2.08	78.7	4.4	5	239	1.3	1.24	0.8	8.9	29	31.1	2.36	6	0.05	0.06	19
1074618	410198	7088437	8N	0.8	2.14	113.8	8.3	4	238	1.5	1.26	1.6	8.9	25	31	2.18	6	0.04	0.08	20
1074619	410200	7088486	8N	0.6	2.37	148.9	4.4	4	264	1.3	0.47	0.9	11.4	25	34.6	2.48	5	0.06	0.07	17
1074620	410198	7088538	8N	0.2	1.51	20.7	1.7	3	186	0.4	0.98	0.2	7.2	19	23.2	1.85	4	0.05	0.05	16
1074621	410199	7088587	8N	0.3	2.06	29	2.6	4	227	0.7	1.75	0.8	7.6	21	23.3	1.6	6	0.06	0.04	19
1074622	410199	7088636	8N	0.5	1.91	84.5	5.9	5	180	1.3	2.28	0.8	9.2	25	45.4	2.02	6	0.06	0.05	18
1074623	410199	7088688	8N	3.9	0.79	10000	38.2	3	697	22.9	1.35	11.5	28.2	30	222.8	6.78	3	0.08	0.07	41
1074624	410199	7088788	8N	0.3	1.88	97.2	11.3	1	232	1.6	0.38	0.3	9.9	27	30.4	2.16	6	0.03	0.05	16
1074625	410198	7088739	8N	0.3	1.86	149.9	4.6	1	254	1.1	0.61	0.3	9.5	26	29.1	2.15	6	0.03	0.05	17
1074626	410298	7088785	8N	0.8	1.62	337.6	18.4	3	220	4	0.95	0.7	8.4	25	59.6	2.24	5	0.03	0.05	18
1074627	410298	7088738	8N	0.9	1.21	412.5	34.3	3	179	3.2	0.82	0.6	7.4	24	70.5	2.28	4	0.05	0.06	19
1074628	410300	7088688	8N	5.1	2.39	638.1	77.1	6	246	10.1	2.32	2.2	10.1	28	107.9	2.24	7	0.04	0.06	21
1074630	410299	7088587	8N	0.2	1.73	26.2	4.4	5	178	1.2	1.24	0.4	8.8	24	31	1.96	5	0.04	0.05	18
1074633	410300	7088437	8N	3.4	1.41	1532.5	397.9	3	283	41.7	1.25	0.8	13.4	31	906.5	4.26	5	0.1	0.07	26
1074634	410298	7088385	8N	0.4	1.85	141.1	28	2	290	3.3	0.55	0.4	9.7	29	102.8	2.71	6	0.03	0.08	16
1075001	404285	7074886	8N	0.1	1.22	116.5	6.9	1	75	0.3	0.14	0.2	10.2	23	25.4	2.59	4	0.02	0.05	22
1075002	404336	7074881	8N	0.1	1.2	85	4.3	0.5	94	0.5	0.09	0.3	8.5	21	22	2.39	3	0.04	0.04	15
1075003	404386	7074872	8N	0.05	1.09	65.3	0.7	2	93	0.2	0.08	0.3	5.4	22	15.1	2.5	6	0.03	0.03	12
1075004	404428	7074844	8N	0.1	1.2	118.4	4.7	1	77	0.3	0.11	0.4	8.3	23	23.4	2.46	4	0.04	0.04	17
1075005	404472	7074818	8N	0.2	1.33	96.5	6.1	0.5	103	0.5	0.1	0.2	10	22	33.8	2.66	4	0.03	0.04	24
1075006	404517	7074794	8N	0.1	1.26	173	9.8	0.5	69	0.3	0.12	0.5	12.8	22	29.9	2.97	4	0.04	0.04	20
1075007	404563	7074774	8N	0.2	1.22	66.6	3	1	76	0.3	0.12	0.3	14.1	22	29.4	2.64	4	0.04	0.04	18
1075008	404613	7074761	8N	0.2	1.37	88	12.5	2	84	0.4	0.11	0.3	19.4	23	43.6	3.12	4	0.03	0.04	21
1075009	404659	7074742	8N	0.1	1.21	67.5	6.7	1	77	0.3	0.1	0.2	13	20	28.2	2.49	4	0.03	0.03	17
1075010	404704	7074722	8N	0.1	1.24	41.4	6.7	2	76	0.3	0.09	0.3	14.4	21	29.9	2.42	4	0.02	0.04	19
1075011	404750	7074700	8N	0.5	1.64	365.6	8.9	1	63	0.7	0.11	0.5	9.2	25	35	3	5	0.03	0.05	27
1075012	404797	7074680	8N	0.3	1.86	49.6	4.5	0.5	84	0.5	0.07	0.2	30.4	25	55.3	3.67	5	0.04	0.04	24
1075013	404843	7074662	8N	0.2	1.53	32	2.7	1	74	0.3	0.07	0.1	7.2	24	33.1	3.06	5	0.03	0.04	19
1075014	404893	7074651	8N	0.2	1.45	40.2	7	0.5	81	0.3	0.08	0.2	8.7	24	32	2.86	4	0.02	0.04	21
1075015	404940	7074632	8N	0.05	1.51	33.6	4.5	1	81	0.2	0.12	0.3	9.3	23	22	2.51	4	0.03	0.04	16
1075016	404946	7074584	8N	0.05	1.17	70	4	0.5	68	0.2	0.08	0.1	13	19	21.5	2.39	4	0.02	0.04	17
1075017	404947	7074533	8N	0.2	1.25	37.6	0.7	0.5	70	0.3	0.07	0.2	6.3	19	19.3	2.49	4	0.04	0.04	15
1075018	404976	7074493	8N	0.1	1.31	81.4	2.8	2	81	1.2	0.07	0.2	9.2	22	30.8	2.67	4	0.03	0.05	20
1075019	404996	7074446	8N	0.3	1.89	50.5	3.1	1	172	0.6	0.11	1.2	14.5	34	25.2	3.24	6	0.02	0.05	23
1075020	405009	7074397	8N	0.3	1.3	71.9	2.1	1	90	0.5	0.11	0.3	19.1	21	48.1	2.46	4	0.03	0.06	24
1075021	405014	7074347	8N	0.1	1.42	87.6	3.6	1	68	0.4	0.07	0.3	9.2	22	29.7	2.67	4	0.02	0.07	18
1075022	405010	7074297	8N	0.1	1.4	68.9	3	1	109	0.5	0.12	0.2	7.4	22	27	2.44	4	0.03	0.07	19
1075023	405001	7074247	8N	0.05	1.39	36.5	7.7	1	83	0.4	0.11	0.2	8	23	26.3	2.5	4	0.02	0.05	15
1075024	404990	7074198	8N	0.1	1.73	46.9	1.5	1	107	0.4	0.13	0.2	11.6	26	37.8	2.73	5	0.03	0.08	24
1075025	404981	7074148	8N	0.05	1.94	42.9	1.4	1	100	0.4	0.11	0.2	9.7	26	31.9	2.76	5	0.02	0.09	21
1075026	404985	7074097	8N	0.05	1.43	23.5	8.1	0.5	92	0.3	0.12	0.2	7.2	24	19.3	2.16	4	0.04	0.05	14
1075027	404989	7074047	8N	0.1	1.42	18.8	4.1	0.5	114	0.2	0.12	0.2	6.8	22	22	2.24	4	0.03	0.06	14
1075028	404982	7073998	8N	0.05	1.61	15.2	0.25	0.5	124	0.2	0.1	0.1	6.6	23	22.4	2.08	5	0.03	0.07	17
1075029	404993	7073949	8N	0.05	1.45	11.5	5.7	1	99	0.2	0.12	0.1	6	24	22.1	2.12	4	0.05	0.06	14
1075030	405001	7073899	8N	0.05	1.63	19.1	1.9	0.5	106	0.2	0.12	0.2	8.4	24	24.2	2.41	5	0.04	0.08	15

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1074616	0.56	397	0.5	0.044	22.5	0.074	28.6	0.06	3.1	2.4	0.25	62	0.1	2.5	0.03	0.1	0.9	37	0.4	74
1074617	0.66	361	0.7	0.056	24.7	0.052	37.3	0.05	2	2.9	0.25	73	0.1	4.4	0.052	0.2	0.9	43	0.7	84
1074618	0.85	411	0.6	0.028	20.2	0.081	39.8	0.025	5.4	3.5	0.5	81	0.1	5.5	0.042	0.2	1	39	0.5	91
1074619	0.5	472	0.9	0.041	30.6	0.056	28.4	0.025	1.7	3	0.25	39	0.1	5	0.035	0.1	0.9	39	0.5	73
1074620	0.53	200	0.4	0.056	18.6	0.067	15.9	0.025	1.8	2.2	0.25	93	0.1	4.9	0.035	0.05	0.6	30	0.4	55
1074621	0.47	303	0.3	0.065	17	0.074	32.7	0.1	6.5	2	0.25	115	0.1	3.4	0.017	0.2	1.2	27	0.3	54
1074622	0.67	377	0.4	0.059	20.4	0.095	35.2	0.12	9.3	2.8	0.6	125	0.1	3.8	0.02	0.1	1	29	0.7	71
1074623	0.13	1517	0.5	0.004	46.6	0.196	63	0.025	182.6	8.2	0.25	39	0.1	17	0.003	0.6	1.1	34	0.4	413
1074624	0.49	269	0.7	0.019	20.9	0.079	21.8	0.025	3.2	2.3	0.25	29	0.1	3.6	0.038	0.1	1.3	44	0.7	74
1074625	0.47	235	0.6	0.039	23	0.088	21.2	0.025	3	2.5	0.25	45	0.1	4.6	0.034	0.05	1.2	39	0.6	68
1074626	0.51	255	0.3	0.042	21.8	0.086	23	0.025	26.2	2.9	0.25	58	0.1	5.2	0.034	0.1	1.1	35	0.8	79
1074627	0.44	312	0.8	0.044	20.5	0.095	22.8	0.025	14	2.5	0.25	61	0.1	6.8	0.04	0.05	0.9	37	1.4	69
1074628	1.38	344	0.3	0.023	20.7	0.116	91.8	0.025	58.2	3	0.25	143	0.1	5.6	0.013	0.1	1	27	0.3	101
1074630	0.51	372	0.2	0.066	20.5	0.056	14.9	0.06	2.3	2.8	0.25	78	0.1	5.4	0.041	0.05	0.7	31	0.3	52
1074633	0.5	661	0.7	0.031	24.9	0.083	16.1	0.025	47.4	4.6	1	40	0.9	5.9	0.024	0.3	0.9	44	0.3	90
1074634	0.58	379	1	0.021	26	0.077	13.7	0.025	5.2	3	0.5	30	0.1	4.1	0.041	0.2	0.9	52	0.4	68
1075001	0.47	387	0.7	0.004	24.6	0.061	16.6	0.025	0.7	1.6	0.25	13	0.1	5.1	0.026	0.05	1.1	32	0.2	71
1075002	0.38	312	0.6	0.005	21.7	0.047	22.6	0.025	0.6	1.3	0.25	10	0.1	1.9	0.016	0.1	0.7	30	0.2	59
1075003	0.26	288	1.1	0.004	14.6	0.044	15.8	0.025	0.8	0.9	0.25	9	0.1	0.6	0.02	0.05	0.6	47	0.3	50
1075004	0.45	391	0.7	0.004	24.7	0.056	16.5	0.025	0.6	1.3	0.25	10	0.1	3.7	0.021	0.05	0.8	34	0.3	63
1075005	0.45	399	0.5	0.003	25.6	0.059	16.9	0.025	0.7	1.6	0.25	9	0.1	3.8	0.012	0.05	0.9	25	0.1	78
1075006	0.51	431	0.8	0.005	28.4	0.064	33.6	0.025	1.2	1.4	0.7	13	0.1	5.2	0.023	0.05	1	29	0.2	83
1075007	0.42	427	0.8	0.005	28	0.06	20.5	0.025	0.8	1.5	0.25	14	0.1	3.9	0.025	0.05	1.1	32	0.2	71
1075008	0.48	508	0.8	0.005	36.1	0.061	22.8	0.025	1	1.6	0.25	15	0.1	5.1	0.022	0.05	1.5	32	0.2	80
1075009	0.35	342	0.8	0.005	23.1	0.064	17.2	0.025	0.8	1.2	0.25	13	0.1	2.3	0.021	0.05	1.1	34	0.2	59
1075010	0.39	381	0.8	0.005	30.8	0.047	17.7	0.025	0.7	1.5	0.25	11	0.1	3.5	0.024	0.05	1	32	0.2	66
1075011	0.57	336	0.6	0.005	29.7	0.057	106.7	0.025	0.8	1.6	0.25	12	0.1	5.9	0.015	0.1	1.5	28	0.1	97
1075012	0.61	910	1.3	0.004	47.4	0.068	16.1	0.025	0.9	1.6	1.1	13	0.1	5.5	0.011	0.2	1.4	29	0.1	77
1075013	0.42	300	0.9	0.004	20.7	0.058	17.5	0.025	0.7	1.4	0.8	9	0.1	2.4	0.02	0.1	1.1	37	0.2	61
1075014	0.41	310	0.8	0.005	24.3	0.054	18.3	0.025	0.7	1.7	0.7	11	0.1	3.4	0.017	0.05	1.4	32	0.2	67
1075015	0.42	302	0.8	0.004	21.2	0.055	13.2	0.025	0.6	1.8	0.25	10	0.1	3.6	0.028	0.1	0.7	37	0.2	60
1075016	0.33	327	0.7	0.003	24	0.04	16.8	0.025	0.6	1.4	0.7	7	0.1	4	0.019	0.1	0.7	31	0.2	52
1075017	0.37	257	0.8	0.004	17.6	0.06	14.5	0.025	0.7	0.8	1.2	7	0.1	0.7	0.01	0.1	0.8	33	0.2	58
1075018	0.39	354	0.9	0.004	21.1	0.047	14.4	0.025	0.6	1.2	0.25	9	0.1	2.3	0.015	0.1	1.2	32	0.2	62
1075019	0.59	1801	0.7	0.004	34.1	0.059	32.5	0.025	0.7	3.1	1.1	12	0.1	7.6	0.008	0.1	1	38	0.1	113
1075020	0.43	644	0.6	0.004	27.2	0.044	105.1	0.025	0.5	1.5	0.25	13	0.1	4.9	0.014	0.1	1.1	29	0.2	114
1075021	0.42	362	0.7	0.004	21.5	0.043	28.8	0.025	0.5	1.5	0.5	8	0.1	4.3	0.017	0.1	0.8	33	0.2	69
1075022	0.48	349	0.8	0.005	19.3	0.047	24.7	0.025	0.6	1.5	0.25	12	0.1	2.5	0.016	0.1	0.9	32	0.2	73
1075023	0.49	311	0.7	0.004	20	0.053	22	0.025	0.5	1.3	0.25	9	0.1	1.7	0.017	0.1	0.8	35	0.1	71
1075024	0.71	425	0.5	0.005	28.2	0.052	23.5	0.025	0.5	2.2	0.25	12	0.1	5.4	0.024	0.2	0.9	33	0.1	81
1075025	0.77	329	0.5	0.004	26.3	0.044	19.8	0.025	0.4	1.7	0.25	9	0.1	4.4	0.023	0.2	0.6	34	0.2	76
1075026	0.53	291	0.4	0.005	17.3	0.05	13.2	0.025	0.5	1.7	0.25	10	0.1	2.4	0.027	0.2	0.6	37	0.2	60
1075027	0.48	255	0.7	0.005	19.4	0.054	12.2	0.025	0.7	1.8	0.25	11	0.1	2.2	0.024	0.1	0.6	33	0.2	58
1075028	0.54	203	0.6	0.004	20.5	0.044	9.9	0.025	0.6	1.9	0.25	9	0.1	2.3	0.026	0.2	0.7	33	0.2	54
1075029	0.45	170	0.7	0.005	20	0.061	8.6	0.025	0.9	1.9	0.25	11	0.1	2.5	0.032	0.1	0.7	37	0.2	59
1075030	0.43	218	0.7	0.007	24	0.063	11.8	0.025	0.6	1.7	0.8	12	0.1	2	0.024	0.2	0.9	35	0.2	67

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1075031	405003	7073849	8N	0.05	1.31	20.6	5.3	1	103	0.2	0.15	0.3	9.2	21	21.2	2.31	4	0.04	0.09	15
1075033	405035	7073811	8N	0.05	1.16	16.8	1.4	1	95	0.2	0.14	0.2	7.5	20	16.7	2.1	4	0.02	0.07	13
1075051	402037	7076683	8N	0.2	0.99	131.1	2.9	1	74	0.3	0.08	0.6	11.4	31	24.2	2.73	3	0.02	0.06	18
1075052	402058	7076729	8N	0.2	1.14	96.2	7.8	0.5	89	0.3	0.07	0.3	6.9	24	19.9	2.46	4	0.03	0.04	16
1075053	402079	7076774	8N	0.2	1.15	94.6	18.5	0.5	73	0.3	0.07	0.5	7.4	21	21.9	2.4	3	0.04	0.04	18
1075054	402098	7076819	8N	0.2	1.19	95.4	39.3	0.5	119	0.3	0.07	0.5	9.6	25	20.4	2.87	4	0.04	0.05	17
1075055	402120	7076865	8N	0.3	1.15	65.4	16.6	0.5	85	0.3	0.07	0.5	8.6	23	23.7	2.67	4	0.04	0.04	17
1075056	402142	7076911	8N	0.2	1.16	46.8	2.8	0.5	97	0.3	0.06	0.5	11.1	24	19.3	2.54	4	0.05	0.04	15
1075057	402162	7076957	8N	0.3	1.45	57.7	4.4	1	94	0.3	0.07	0.4	7.3	26	18.7	2.61	5	0.04	0.04	16
1075058	402183	7077001	8N	0.7	1.02	125.1	13.2	1	139	0.9	0.13	1.9	10.6	20	27.6	2.55	3	0.03	0.06	20
1075059	402204	7077047	8N	0.3	1.54	56.2	3	0.5	93	0.3	0.06	0.6	9	25	20.1	2.47	4	0.03	0.05	16
1075061	402225	7077091	8N	0.1	1.35	34.6	3.9	0.5	90	0.2	0.09	0.4	8.6	25	23.6	2.36	4	0.03	0.04	17
1075062	402247	7077137	8N	0.1	1.24	30.3	11.9	0.5	77	0.3	0.06	0.3	9.6	22	16.3	2.5	4	0.03	0.05	19
1075063	402268	7077182	8N	0.3	1.19	26.1	6.7	1	73	0.2	0.09	0.3	8.6	22	23	2.15	3	0.05	0.05	20
1075064	402291	7077229	8N	0.2	1.16	21.9	12.7	2	73	0.2	0.14	0.3	8.5	22	24.7	2.25	3	0.04	0.05	20
1075065	402309	7077273	8N	0.05	1.27	20.4	4.5	0.5	76	0.2	0.06	0.2	6.8	25	16.1	2.37	4	0.03	0.04	19
1075066	402331	7077319	8N	0.2	1.35	18.9	3.5	2	84	0.1	0.12	0.3	12.9	21	18.1	2.39	3	0.04	0.04	16
1075067	402352	7077364	8N	0.2	1.3	20.1	2.9	1	103	0.2	0.15	0.4	10.7	22	21.2	2.33	3	0.03	0.05	17
1075068	402369	7077408	8N	0.05	1.48	17.4	15.3	1	80	0.2	0.14	0.2	17.5	26	18.9	2.61	4	0.04	0.09	18
1075069	402392	7077453	8N	0.4	1.2	24	3.5	0.5	82	0.2	0.11	0.2	10.6	23	21.9	2.43	3	0.04	0.05	19
1075070	402414	7077497	8N	0.3	1.06	20.3	1.3	1	79	0.2	0.13	0.1	5.9	20	12.2	1.91	3	0.03	0.05	21
1075071	402437	7077544	8N	0.1	1.3	24.3	2.9	1	67	0.3	0.05	0.2	9.3	26	14.3	2.47	4	0.03	0.06	12
1075072	402459	7077588	8N	0.1	1.24	35.3	3.4	1	89	0.2	0.14	0.2	13	23	19.8	2.29	3	0.03	0.16	22
1075073	402481	7077633	8N	0.1	1.43	27.4	3.4	2	67	0.2	0.07	0.2	10.8	32	17.5	2.51	4	0.04	0.05	14
1075074	402503	7077678	8N	0.05	1.22	21.9	1.5	0.5	81	0.2	0.08	0.1	8.7	23	17.3	2.3	4	0.03	0.05	15
1075075	404044	7075304	8N	0.4	2.37	391.1	23.4	0.5	149	0.7	0.38	0.3	22.7	35	50.2	4.03	7	0.02	0.14	24
1075076	404067	7075348	8N	0.4	2.3	334.1	22.8	0.5	152	0.6	0.47	0.6	19.9	34	46.4	3.71	7	0.02	0.15	23
1075077	404086	7075394	8N	0.3	1.98	279.6	13.9	0.5	136	0.5	0.32	0.4	16.7	30	34.5	3.32	6	0.02	0.09	19
1075078	404107	7075438	8N	0.8	1.95	241.9	17	0.5	103	0.4	0.17	0.7	13.8	29	36.9	3.22	6	0.02	0.09	23
1075079	404129	7075485	8N	1.7	1.61	188.1	12.3	0.5	56	0.5	0.07	0.7	10.3	26	32	3.11	4	0.01	0.07	30
1075081	404152	7075531	8N	0.3	1.24	83.9	8	1	69	0.3	0.18	0.4	9.3	21	30.8	2.34	3	0.02	0.04	17
1075082	404171	7075575	8N	0.2	1.09	50	10.7	1	65	0.3	0.13	0.4	8.2	18	23.6	2	3	0.03	0.04	18
1075083	404194	7075620	8N	0.1	0.91	37.3	6.4	0.5	59	0.2	0.12	0.3	6.7	17	19.6	2.04	3	0.03	0.04	17
1075084	404214	7075666	8N	0.2	1.05	83.9	4.4	0.5	58	0.2	0.13	0.3	10.5	19	33.9	2.35	3	0.04	0.04	22
1075085	404235	7075712	8N	0.2	0.88	26.8	12.6	0.5	85	0.2	0.15	0.7	9.3	17	26.7	1.96	3	0.03	0.04	17
1075086	404255	7075756	8N	0.2	1.31	29.4	3.4	0.5	76	0.2	0.1	0.5	10.2	23	23.7	2.4	4	0.03	0.04	16
1075087	404276	7075802	8N	0.3	0.95	54.8	7.8	0.5	84	0.3	0.08	0.6	10.6	17	29.5	2.51	3	0.02	0.05	25
1075088	404297	7075848	8N	0.4	0.86	162.2	7.9	0.5	64	0.4	0.08	1.3	10.7	17	34.1	2.61	3	0.02	0.04	23
1075089	404317	7075895	8N	0.2	0.95	70.6	3.3	0.5	50	0.3	0.04	0.3	4.9	16	18	2.18	4	0.04	0.04	18
1075090	404338	7075939	8N	0.2	0.98	59.1	4.2	0.5	54	0.3	0.07	0.7	7.8	18	20.6	2.51	3	0.02	0.05	22
1075092	404359	7075985	8N	0.3	0.93	68.4	5.9	0.5	53	0.3	0.06	0.6	5.4	15	17.4	2	3	0.02	0.04	16
1075093	404379	7076030	8N	0.1	0.93	22.4	4.2	0.5	59	0.2	0.07	0.4	7.9	15	20.6	2.19	3	0.02	0.04	20
1075094	404401	7076077	8N	0.2	1.07	19.7	5.4	0.5	90	0.2	0.13	0.3	9.2	18	19.2	2.28	3	0.03	0.04	17
1075095	404422	7076122	8N	0.1	1.19	27.1	2.5	1	102	0.2	0.15	0.3	9.2	20	19.6	2.14	3	0.03	0.04	16
1075096	404443	7076167	8N	0.1	1.05	22.1	3.2	0.5	111	0.1	0.19	0.2	5.5	17	15.3	1.78	3	0.03	0.04	17
1075097	404463	7076212	8N	0.05	0.98	25.9	5.9	1	111	0.2	0.23	0.3	7.5	18	19.8	2.02	3	0.02	0.04	14

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1075031	0.46	314	0.8	0.006	22.2	0.062	69.3	0.025	0.6	1.6	0.25	15	0.1	4.4	0.033	0.2	0.8	31	0.3	107
1075033	0.37	249	0.7	0.005	18.3	0.048	38	0.025	0.6	1.3	0.25	12	0.1	2.1	0.028	0.2	0.7	33	0.4	74
1075051	0.31	556	1.2	0.005	27.7	0.054	24.6	0.025	1.1	1.1	0.25	11	0.1	3.2	0.016	0.05	1.1	26	0.2	80
1075052	0.29	299	1.1	0.004	17.2	0.053	17.5	0.025	1.1	1.3	0.7	8	0.1	1.3	0.016	0.1	1.2	37	0.3	65
1075053	0.29	324	0.7	0.003	17.9	0.054	14.9	0.025	1.1	1.8	0.25	8	0.1	4.6	0.019	0.05	1.1	32	0.4	76
1075054	0.34	476	1.1	0.004	19.2	0.048	23.5	0.025	0.9	1.6	0.25	8	0.1	2.4	0.022	0.05	1	38	0.3	88
1075055	0.33	401	1.1	0.004	20.2	0.057	19.1	0.025	0.8	1.3	0.25	8	0.1	2.1	0.017	0.05	1.1	35	0.3	80
1075056	0.26	754	1.1	0.003	16.2	0.062	18.5	0.025	0.7	0.8	0.6	8	0.1	0.9	0.015	0.1	1.2	37	0.2	68
1075057	0.36	280	0.9	0.004	18.4	0.048	18.9	0.025	0.6	1.5	0.25	8	0.1	1.3	0.019	0.1	1.1	38	0.2	69
1075058	0.41	574	0.9	0.004	25.3	0.061	41	0.025	0.9	1.9	0.25	11	0.1	5.2	0.026	0.1	1.8	29	1	127
1075059	0.5	443	0.9	0.004	22.1	0.047	15.5	0.025	0.6	1.4	0.25	7	0.1	1.6	0.028	0.1	1.1	37	0.2	98
1075061	0.35	373	0.9	0.004	20.9	0.058	13	0.025	0.7	1.6	0.25	8	0.1	1.8	0.02	0.05	1.2	33	0.3	77
1075062	0.33	482	0.8	0.004	16.8	0.057	18	0.025	0.7	1.1	0.25	7	0.1	1.5	0.016	0.1	0.7	31	0.2	72
1075063	0.32	352	0.8	0.004	22.5	0.056	20.3	0.025	0.7	1.8	0.25	7	0.1	5.2	0.02	0.1	1.2	26	0.2	78
1075064	0.32	373	0.7	0.004	21.1	0.075	34	0.025	0.6	2.2	0.25	10	0.1	5	0.033	0.05	1	33	0.3	83
1075065	0.32	276	0.9	0.004	17.7	0.048	17.4	0.025	0.5	1.3	0.25	7	0.1	1.7	0.017	0.1	0.9	33	0.2	60
1075066	0.35	755	0.6	0.006	16.8	0.079	14	0.025	0.6	1.8	0.6	11	0.1	4	0.028	0.05	0.8	33	0.3	66
1075067	0.37	481	0.7	0.005	22.4	0.087	13.5	0.025	0.6	1.9	0.25	11	0.1	4.6	0.03	0.05	0.8	32	0.3	71
1075068	0.36	917	0.9	0.004	23.5	0.091	24.7	0.025	0.6	2.2	0.5	10	0.1	5.4	0.035	0.1	0.9	34	0.2	82
1075069	0.33	541	0.8	0.004	22.6	0.053	23	0.025	0.6	1.6	0.25	9	0.1	3.7	0.023	0.05	1	30	0.2	74
1075070	0.33	216	0.5	0.004	16	0.033	11.3	0.025	0.3	1.3	0.7	10	0.1	2.4	0.015	0.05	1.7	25	0.2	56
1075071	0.34	586	1	0.002	18.6	0.052	14.9	0.025	0.4	1	0.25	5	0.1	1.5	0.015	0.1	0.6	31	0.2	64
1075072	0.42	418	0.6	0.005	24.2	0.062	20.6	0.025	0.5	1.6	0.25	11	0.1	7.8	0.049	0.2	0.9	30	0.3	63
1075073	0.37	494	1.2	0.005	22.3	0.059	17.8	0.025	0.7	1.3	0.8	6	0.1	1.7	0.016	0.05	0.7	36	0.3	65
1075074	0.34	357	0.9	0.003	19.1	0.05	15	0.025	0.5	1.3	0.25	7	0.1	2.2	0.021	0.05	0.7	34	0.5	53
1075075	1.71	1258	0.8	0.014	39.5	0.045	45.6	0.025	0.6	3.6	0.25	32	0.1	12.5	0.054	0.3	2.2	40	0.1	125
1075076	1.6	1099	0.7	0.016	38.8	0.056	36.5	0.07	0.6	3.3	0.25	35	0.1	10.7	0.052	0.2	2	40	0.2	120
1075077	1.27	922	0.7	0.01	30.7	0.055	31.8	0.09	0.5	2.5	0.25	25	0.1	5.7	0.035	0.2	1.5	38	0.2	106
1075078	1.02	725	0.7	0.006	30.9	0.062	52.9	0.025	0.6	2.4	0.25	16	0.1	4.8	0.028	0.2	1.6	37	0.4	146
1075079	0.67	507	0.5	0.002	25.6	0.048	44.4	0.025	0.6	1.8	0.6	8	0.1	9.2	0.008	0.1	1.2	21	0.2	151
1075081	0.39	334	0.8	0.004	23.4	0.081	18	0.025	0.7	1.7	0.8	14	0.1	5.5	0.032	0.05	1.1	31	0.3	84
1075082	0.37	245	0.6	0.004	18.1	0.062	20.6	0.025	0.5	1.8	0.25	11	0.1	5.9	0.032	0.05	1.2	28	0.2	72
1075083	0.3	302	0.6	0.003	16.1	0.053	15	0.025	0.5	1.1	0.25	9	0.1	2.7	0.02	0.05	0.9	29	0.2	54
1075084	0.35	370	0.7	0.003	24.1	0.07	30.9	0.025	0.6	2.1	0.25	10	0.1	7.2	0.029	0.05	1.6	31	0.3	70
1075085	0.33	398	0.6	0.004	22.5	0.065	12.8	0.025	0.6	2	0.25	11	0.1	4	0.031	0.05	1.1	30	0.2	70
1075086	0.4	398	0.9	0.004	20.3	0.059	16.3	0.025	0.6	1.7	0.25	8	0.1	2.5	0.029	0.1	1.1	38	0.2	99
1075087	0.32	502	0.7	0.003	22.9	0.049	19.6	0.025	0.7	1.8	0.25	7	0.1	5.6	0.017	0.05	1.3	26	0.1	91
1075088	0.27	380	0.9	0.003	27.6	0.043	28.6	0.025	1.1	1.7	0.25	9	0.1	6.2	0.015	0.05	1.5	27	0.3	137
1075089	0.24	167	0.8	0.003	13.5	0.041	20.7	0.025	0.6	0.7	0.25	5	0.1	0.8	0.008	0.1	0.8	28	0.4	64
1075090	0.3	358	0.8	0.003	19	0.047	31.2	0.025	1.1	1.2	0.25	7	0.1	3.4	0.015	0.1	1	27	0.4	108
1075092	0.27	225	0.8	0.003	13.1	0.041	41.4	0.025	1	0.9	0.25	6	0.1	2.2	0.008	0.1	0.9	24	0.2	89
1075093	0.27	268	0.7	0.003	18.4	0.042	22.1	0.025	0.8	1	0.25	6	0.1	2.2	0.008	0.1	0.9	24	0.1	73
1075094	0.32	302	0.6	0.004	22.5	0.047	14.9	0.025	0.9	1.5	0.25	9	0.1	3.1	0.015	0.1	0.8	28	0.1	67
1075095	0.35	331	0.7	0.004	18.5	0.05	17	0.025	0.6	1.3	0.25	10	0.1	1.8	0.014	0.1	0.9	30	0.2	71
1075096	0.32	183	0.4	0.004	17.4	0.049	10.1	0.025	0.4	1.3	0.25	13	0.1	3.5	0.013	0.05	1.9	24	0.1	57
1075097	0.32	331	0.6	0.004	23.2	0.046	13.1	0.025	0.7	1.5	0.25	15	0.1	3.5	0.016	0.05	1.3	28	0.2	66

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1075098	404505	7076303	8N	0.05	1.1	56.6	1.6	0.5	86	0.2	0.08	0.3	8.3	19	15.3	2.26	4	0.02	0.04	16
1075099	404484	7076257	8N	0.05	1.28	48.8	1.7	0.5	114	0.2	0.15	0.2	6.9	20	15.7	2.26	4	0.02	0.04	17
1075100	404527	7076348	8N	0.2	0.96	74.1	1.6	0.5	117	0.2	0.13	1.5	7.9	14	17.2	2.14	3	0.02	0.06	19
1075301	403898	7075704	8N	0.4	1.17	174.8	18	3	104	0.6	0.2	0.8	12.4	21	27.6	2.78	4	0.03	0.07	22
1075302	403919	7075751	8N	0.4	1.16	181.2	17.8	0.5	114	0.5	0.15	0.9	12.8	19	30.8	2.81	4	0.04	0.06	22
1075303	403940	7075795	8N	0.4	1.2	152.6	11.6	0.5	109	0.5	0.14	0.6	10.8	20	28	2.71	4	0.03	0.06	22
1075304	403961	7075841	8N	0.6	1.16	142.5	12.4	0.5	125	0.5	0.15	1	12.1	19	28.7	2.57	3	0.02	0.06	21
1075305	403982	7075885	8N	0.3	1.31	113.8	7.2	1	123	0.4	0.15	0.9	12.7	22	27.5	2.72	4	0.04	0.07	21
1075306	404045	7076024	8N	0.1	1.24	92.1	2.4	0.5	83	0.4	0.11	1	12.2	21	19.6	2.89	4	0.03	0.05	19
1075307	404087	7076114	8N	0.05	1.06	50.5	1.4	0.5	99	0.3	0.15	0.6	12.6	21	21.5	2.74	4	0.02	0.05	20
1075308	404108	7076156	8N	0.1	1.28	37.2	2.7	0.5	127	0.4	0.12	0.2	7.3	22	10.9	2.42	4	0.02	0.04	17
1075309	404129	7076202	8N	0.1	1.12	36.1	2.7	0.5	124	0.2	0.08	0.2	5.6	15	16.3	2.27	3	0.02	0.04	22
1075310	404150	7076248	8N	0.3	1.22	52.4	9.1	0.5	88	0.7	0.11	0.4	7	21	16	2.42	4	0.03	0.05	16
1075311	404171	7076293	8N	0.4	1.09	65.8	2.7	0.5	135	0.4	0.17	0.9	7	17	17.5	2.19	3	0.02	0.04	21
1075312	404193	7076338	8N	0.5	0.91	51.7	4.3	0.5	128	0.4	0.11	1.4	8.6	15	22.4	2.92	3	0.03	0.04	31
1075313	404213	7076383	8N	1.6	1.16	185	5.6	0.5	118	1.7	0.11	2.3	6.8	16	23.6	3.38	3	0.03	0.04	26
1075314	404235	7076429	8N	0.4	1.01	36.5	6.3	0.5	123	0.4	0.15	1.8	8.6	15	21.6	2.45	3	0.02	0.04	22
1075315	404256	7076472	8N	1	1.21	35.9	2.6	0.5	86	1	0.18	0.7	13.3	18	29.5	3.79	3	0.01	0.04	33
1075316	404277	7076519	8N	4.2	1.06	38.5	4.3	0.5	137	6.6	0.15	0.6	8.2	15	28.3	2.73	3	0.02	0.05	24
1075317	404298	7076564	8N	0.6	0.88	40.8	7.5	0.5	103	0.6	0.17	0.9	10.2	12	24.6	2.81	2	0.01	0.06	29
1075318	404321	7076610	8N	0.4	0.99	40.9	5.7	0.5	99	0.6	0.13	0.5	5.5	15	12.6	1.95	3	0.02	0.04	20
1075319	404342	7076655	8N	0.2	1.02	49.8	3.2	0.5	105	0.3	0.11	0.3	6.9	13	19.1	2.33	3	0.03	0.07	26
1075320	404363	7076700	8N	0.3	0.81	10	4	0.5	54	0.2	0.08	1	5.9	12	17.8	2.07	2	0.02	0.04	39
1075322	404385	7076745	8N	0.05	1.21	14.5	2.3	0.5	113	0.2	0.06	0.2	8.9	15	19.2	2.22	3	0.03	0.06	24
1075324	404405	7076790	8N	0.05	1.49	8.4	4.4	0.5	97	0.2	0.11	0.1	9.2	21	20.1	2.42	4	0.03	0.06	24
1076015	409198	7089082	8N	0.3	1.15	22.6	7.1	0.5	235	0.4	0.28	0.2	7.1	21	22.3	1.66	4	0.03	0.03	12
1076016	409197	7089130	8N	0.2	1.17	16.9	7.9	0.5	205	0.3	0.21	0.2	6	19	22.5	1.76	4	0.03	0.04	12
1076017	409200	7089180	8N	0.4	1.72	23.5	2.7	1	225	0.3	0.53	0.6	6.3	37	62.9	1.83	6	0.02	0.21	11
1076018	409195	7089232	8N	0.2	1.5	25	5.5	0.5	187	0.6	0.22	0.5	9	26	25.7	2.43	5	0.03	0.04	14
1076019	409195	7089280	8N	0.5	1.31	67.7	4.1	2	172	0.4	0.31	0.3	6.9	26	30.7	1.87	4	0.03	0.05	12
1076020	409200	7089335	8N	0.2	1.19	11.8	2.1	0.5	146	0.2	0.19	0.2	4.3	23	24	1.68	5	0.04	0.04	10
1076021	409201	7089383	8N	0.3	1.46	11.7	4.5	0.5	202	0.2	0.29	0.3	7.5	31	39.5	1.81	5	0.03	0.06	13
1076022	409201	7089435	8N	0.3	1.41	10.9	5.4	0.5	229	0.2	0.26	0.3	7.6	27	36.2	1.85	5	0.03	0.05	15
1076023	409202	7089484	8N	0.2	1.43	10.6	2.7	0.5	218	0.2	0.27	0.3	7.7	29	35.6	1.86	4	0.03	0.05	15
1076025	409201	7089535	8N	0.3	1.55	8.5	1.9	2	174	0.2	0.24	0.2	6.2	31	24.2	1.69	5	0.04	0.06	13
1076026	409208	7089586	8N	0.2	1.4	9.1	3.5	0.5	201	0.2	0.33	0.3	7.9	30	30	1.75	4	0.03	0.06	15
1076027	409198	7089636	8N	0.4	1.59	19	2.8	0.5	210	0.2	0.3	0.3	8.4	32	29.6	1.96	5	0.04	0.05	12
1076028	409198	7089689	8N	0.5	1.37	8.6	2.7	0.5	262	0.2	0.4	0.4	7.8	27	23.6	1.73	4	0.06	0.05	12
1076029	409200	7089736	8N	0.5	1.59	11.2	2.7	1	280	0.3	0.7	0.5	8.3	30	33.6	1.73	5	0.05	0.06	13
1076030	409197	7089785	8N	0.3	1.08	10.4	4.8	0.5	123	0.2	0.17	0.1	4.4	22	20.7	1.5	4	0.03	0.04	10
1076031	409199	7089837	8N	0.2	1.01	6.9	3.8	0.5	127	0.2	0.14	0.3	4.9	24	23.1	1.82	4	0.04	0.06	11
1076032	409199	7089887	8N	0.5	2.05	8.5	2.3	0.5	539	0.1	0.46	0.7	14	38	94.3	3.41	7	0.02	0.22	19
1076033	409200	7089936	8N	0.3	2	7.3	1.7	2	431	0.1	0.79	0.5	7.8	42	32.5	2.44	7	0.02	0.22	16
1076035	409196	7089988	8N	0.3	1.41	6.5	2.5	0.5	864	0.1	0.41	0.4	8.4	29	28.8	2.1	5	0.05	0.08	15
1076036	409199	7090038	8N	0.3	1.65	5.4	2.4	2	810	0.2	0.44	0.3	8.1	34	30.4	2.13	5	0.05	0.1	20
1076037	409200	7090136	8N	0.05	0.91	11.1	3	1	165	0.2	0.21	0.1	6	18	22.4	1.84	3	0.03	0.04	13

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1075098	0.31	456	0.8	0.004	16.9	0.049	27.3	0.06	0.5	1.2	0.25	8	0.1	1.4	0.016	0.1	0.9	33	0.2	67
1075099	0.34	334	0.8	0.004	18.2	0.052	21.3	0.025	0.5	1.1	0.25	11	0.1	1.7	0.014	0.1	1	32	0.2	64
1075100	0.31	386	0.6	0.003	17.7	0.048	29.2	0.025	0.5	1.2	0.25	11	0.1	3.7	0.012	0.05	0.9	20	0.2	116
1075301	0.5	577	0.7	0.006	27.9	0.068	35.3	0.025	0.7	1.7	0.25	18	0.1	6.4	0.027	0.05	1.4	35	0.4	158
1075302	0.45	722	0.7	0.006	25.6	0.074	34.6	0.025	0.7	1.7	0.25	16	0.1	5.1	0.02	0.05	1.4	35	0.3	133
1075303	0.48	509	0.6	0.008	25.9	0.059	32.1	0.025	0.7	1.5	0.25	14	0.1	6	0.022	0.1	1.4	27	0.2	125
1075304	0.44	588	0.6	0.005	26.2	0.061	35.2	0.025	0.6	1.8	0.25	14	0.1	6.6	0.023	0.05	1.7	29	0.4	129
1075305	0.47	635	0.9	0.008	25.8	0.088	31	0.025	0.6	1.7	0.25	14	0.1	3.7	0.024	0.05	1.4	33	0.3	126
1075306	0.4	649	0.9	0.004	22.1	0.059	47.1	0.025	1	1.2	0.25	10	0.1	2.2	0.017	0.05	1	30	0.2	174
1075307	0.38	563	1	0.005	27.2	0.054	24.8	0.025	0.9	1.3	0.5	12	0.1	3.4	0.017	0.05	1.1	29	0.2	127
1075308	0.36	371	0.8	0.004	13.8	0.053	32.2	0.025	0.5	1	0.25	10	0.1	1.6	0.011	0.1	0.8	29	0.2	70
1075309	0.32	252	0.5	0.003	15.9	0.047	17.3	0.025	1.1	1.1	0.25	7	0.1	4.6	0.004	0.1	0.9	18	0.2	66
1075310	0.35	389	1	0.005	16.5	0.061	41.8	0.025	0.7	0.8	0.25	10	0.1	1.3	0.015	0.1	0.9	33	0.2	78
1075311	0.33	345	0.5	0.005	18	0.047	22.9	0.025	1	1.1	0.25	14	0.1	3.2	0.007	0.1	1.1	21	0.2	99
1075312	0.23	384	1	0.003	20.6	0.056	25.4	0.025	2.4	1.4	0.25	8	0.1	6.8	0.003	0.1	1.8	14	0.2	163
1075313	0.32	324	0.6	0.003	14.7	0.063	183.3	0.025	2	1.2	0.25	8	0.1	6.2	0.005	0.2	1.3	18	0.1	373
1075314	0.28	405	0.6	0.004	19.6	0.049	32.3	0.025	1.7	1.1	0.25	11	0.1	5.4	0.004	0.1	1.1	18	0.2	175
1075315	0.44	804	0.5	0.003	30.3	0.055	38.7	0.025	1.2	1.3	0.25	11	0.1	10.5	0.003	0.05	1.6	12	0.1	147
1075316	0.29	399	0.5	0.004	19.5	0.043	49.4	0.025	1.5	1.5	0.25	11	0.1	6.5	0.004	0.1	1.6	17	0.1	134
1075317	0.26	577	0.5	0.003	22.7	0.043	33	0.025	1.8	1	0.25	13	0.1	6.4	0.007	0.1	1.3	13	0.1	121
1075318	0.23	201	0.5	0.003	12.8	0.035	26.5	0.025	1.6	0.9	0.25	9	0.1	3.7	0.007	0.1	1	19	0.2	79
1075319	0.21	198	0.5	0.004	15.6	0.043	67.6	0.025	2	0.8	0.25	9	0.1	4.1	0.018	0.2	0.8	14	0.2	94
1075320	0.22	218	0.5	0.003	15.9	0.046	312.9	0.025	2.5	1	0.25	8	0.1	8	0.007	0.2	1	15	0.1	200
1075322	0.29	378	0.6	0.005	21.4	0.037	28.3	0.025	0.9	2	0.7	7	0.1	6	0.01	0.1	0.7	29	0.1	63
1075324	0.4	247	0.7	0.003	22.8	0.048	17.2	0.025	0.5	1.7	0.25	9	0.1	4	0.016	0.1	0.6	35	0.1	54
1076015	0.38	338	3	0.006	17.8	0.079	11.7	0.025	1.5	1.8	0.25	26	0.1	2	0.023	0.1	1.3	34	0.4	61
1076016	0.39	161	1.9	0.005	17.2	0.073	13.2	0.025	1.1	1.7	0.25	22	0.1	2.8	0.03	0.1	1.1	37	0.3	60
1076017	1.3	186	3.6	0.024	31.4	0.105	22.6	0.025	4.8	3.3	0.25	67	0.1	5.7	0.077	0.3	3	123	0.2	132
1076018	0.47	394	1.9	0.008	22.3	0.074	22.7	0.025	1.7	2	0.25	33	0.1	3.2	0.047	0.2	1.8	57	0.6	96
1076019	0.51	229	2.5	0.007	21.1	0.075	49.6	0.025	2.2	1.7	0.25	28	0.1	1.9	0.033	0.2	1.5	53	0.3	100
1076020	0.5	116	2.2	0.005	16.1	0.053	12.6	0.025	1.2	1.4	0.25	20	0.1	0.9	0.029	0.2	1.2	57	0.2	57
1076021	0.61	174	3.1	0.008	23.9	0.078	13.5	0.025	1.7	2.2	0.25	35	0.1	2	0.044	0.2	1.8	77	0.3	91
1076022	0.63	202	2.4	0.006	24	0.079	12	0.025	1.3	2.5	0.25	30	0.1	3	0.043	0.2	1.8	72	0.2	91
1076023	0.66	206	2.3	0.007	23.2	0.079	11.9	0.025	1.2	2.7	0.25	29	0.1	3.2	0.05	0.2	1.9	76	0.3	90
1076025	0.68	139	2.6	0.008	21.6	0.077	12.5	0.025	1	1.9	0.25	26	0.1	1.3	0.044	0.2	1.4	83	0.2	83
1076026	0.78	249	2.6	0.008	22.3	0.092	11	0.025	1.1	2.3	0.25	33	0.1	3	0.052	0.1	1.7	82	0.3	95
1076027	0.78	186	2.6	0.007	24.5	0.075	14.5	0.025	1.1	2.1	1	31	0.1	1.2	0.031	0.3	1.6	90	0.2	102
1076028	0.54	347	2.7	0.006	21.7	0.079	14.6	0.025	1.3	2.1	0.7	35	0.1	1.2	0.023	0.2	1.4	61	0.2	105
1076029	0.71	388	3.1	0.007	26.4	0.085	15.4	0.05	1.4	1.9	1.2	55	0.1	1.5	0.03	0.2	2.5	82	0.2	127
1076030	0.4	134	2.5	0.006	15.2	0.058	12.8	0.025	1.2	0.9	0.8	23	0.1	0.3	0.023	0.2	1	47	0.3	60
1076031	0.27	168	1.1	0.007	14.3	0.071	11.2	0.025	1.5	0.8	0.6	26	0.1	0.2	0.02	0.1	0.8	36	0.2	45
1076032	1	398	1.3	0.025	51.1	0.117	12.8	0.06	2.8	4.3	0.8	61	0.1	4.8	0.067	0.3	1.2	56	0.1	107
1076033	1.38	348	1.1	0.055	30.5	0.095	12.6	0.08	1.6	3.8	1	71	0.1	3.8	0.06	0.3	1	47	0.05	100
1076035	0.62	244	0.9	0.011	25.3	0.083	9.9	0.025	1	2.8	0.5	40	0.1	3.1	0.04	0.1	0.9	42	0.2	79
1076036	0.67	235	0.9	0.011	24.3	0.077	10.3	0.025	1	3.5	0.25	43	0.1	4.9	0.058	0.2	1.1	49	0.2	86
1076037	0.35	175	0.9	0.005	16	0.069	8.4	0.025	1	1.5	0.25	17	0.1	1.3	0.026	0.05	0.8	34	0.2	46

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1076039	409198	7090187	8N	0.2	1.37	9.7	8.5	0.5	243	0.3	0.41	0.2	8.1	26	26.1	2.01	4	0.04	0.06	14
1076040	409204	7090237	8N	0.2	1.37	12.3	3.9	2	455	0.2	0.51	0.4	7.7	27	22.9	2.17	5	0.05	0.07	15
1076089	409298	7088836	8N	0.2	1.43	60.9	10.6	2	233	1.9	0.84	0.3	8.7	20	33.1	1.92	4	0.04	0.05	18
1076090	409298	7088886	8N	0.3	1.55	60.8	4.4	3	244	1.7	0.92	0.3	9.7	26	39.4	1.95	5	0.05	0.05	18
1076091	409297	7088936	8N	0.3	1.92	47.3	6.2	3	202	1.4	1.61	0.8	10.4	20	32.1	1.97	5	0.05	0.05	18
1076092	409297	7088986	8N	0.2	2.31	20.4	2.5	2	172	0.3	0.89	0.4	10.1	29	16.5	2.18	7	0.04	0.06	17
1076093	409298	7089036	8N	0.2	1.67	31	3.3	1	194	0.3	0.26	0.1	6.3	26	25.3	2.15	6	0.02	0.08	13
1076095	409296	7089088	8N	1.1	1.85	127.9	7.7	3	253	1.1	0.9	0.6	9.1	28	68.5	2.33	6	0.08	0.07	20
1076096	418303	7084720	8N	0.05	0.77	6.4	2.5	0.5	98	0.2	0.08	0.1	3.9	15	10.3	1.77	3	0.03	0.03	16
1076097	418331	7084763	8N	0.1	1.14	7.2	2.7	1	99	0.3	0.1	0.1	14.5	20	19.7	2.38	4	0.03	0.04	22
1076098	418334	7084813	8N	0.05	1.02	5.2	1.3	0.5	114	0.2	0.09	0.1	9.2	17	15.3	2.03	3	0.03	0.03	21
1076099	418346	7084861	8N	0.2	1.29	5.2	1.8	0.5	123	0.3	0.11	0.05	10.1	19	30.3	2.77	3	0.03	0.04	39
1076100	418362	7084909	8N	0.05	1.02	8	4.5	0.5	140	0.2	0.13	0.05	9.3	20	23.9	2.07	3	0.03	0.03	17
1076101	410999	7088837	8N	0.3	1.45	156.6	24.5	1	227	2.6	0.34	0.5	9.3	25	50	2.42	5	0.05	0.07	22
1076102	410999	7088887	8N	1.9	1.54	357.7	362.2	6	202	64.8	1.05	0.8	7.7	21	230	2.54	5	0.07	0.05	19
1076103	410998	7088938	8N	0.6	1.45	363	100.1	6	219	13	1.23	0.5	6.9	20	86.4	2.4	4	0.05	0.05	21
1076104	410998	7088986	8N	1.9	1.48	990.6	72.9	9	433	12.6	1.13	3.9	16.5	25	100.8	4.53	4	0.13	0.12	40
1076106	410997	7089037	8N	0.3	2.58	89.3	24.9	3	262	1.6	1.02	0.4	10	31	42.8	2.44	7	0.05	0.06	18
1076107	410997	7089086	8N	0.2	2.08	79.6	8.6	4	218	2.2	1.2	0.6	8.8	25	37.1	2.33	6	0.04	0.05	21
1076108	410993	7089139	8N	0.2	1.66	366.2	8	0.5	233	4.2	0.54	0.3	9.9	19	24.4	3.55	6	0.05	0.08	56
1076109	410996	7089186	8N	0.2	1.97	209.4	4.1	1	276	1.4	0.45	0.4	11.9	31	32.1	2.92	6	0.05	0.09	32
1076110	410996	7089237	8N	0.1	1.36	43.3	7.7	1	227	0.6	0.43	0.5	9.3	24	26.1	2.49	4	0.06	0.06	19
1076111	410996	7089288	8N	0.2	1.91	55.6	1.8	6	274	1.7	0.6	0.4	8.8	26	22.9	2.29	6	0.06	0.07	21
1076112	410996	7089335	8N	0.2	2	90.8	2.3	1	230	1.7	0.49	0.4	8.5	33	30.9	2.54	6	0.17	0.09	26
1076113	410996	7089386	8N	0.1	1.05	76.1	5.3	2	184	1.2	0.59	0.4	8.5	21	25.3	2.25	3	0.06	0.06	22
1076114	410996	7089435	8N	0.2	2.07	193.6	6.9	4	257	6.2	1.4	0.4	9.5	23	28	2.1	6	0.05	0.05	22
1076115	410996	7089486	8N	0.2	1.78	125.4	4.6	3	314	2	1.42	0.5	8.8	23	31.8	1.94	5	0.06	0.05	19
1076116	410996	7089536	8N	0.2	1.63	71.9	5	3	336	1.9	1	0.6	9.1	26	37.2	2.28	5	0.05	0.06	21
1076117	410997	7089585	8N	0.2	1.63	50.9	4.1	3	355	2.2	1.08	0.4	8.6	25	30.8	2.1	5	0.05	0.05	20
1076118	410996	7089637	8N	0.2	2	90.6	3.6	3	367	2.2	1.06	0.4	9.3	26	32.7	2.12	6	0.05	0.05	23
1076119	410999	7089685	8N	0.3	2.05	213.7	3.7	3	245	1.9	1.79	0.4	11.4	26	33.4	2.88	5	0.37	0.06	34
1076120	410997	7089786	8N	0.1	2.47	762.2	13	0.5	761	5	0.26	0.5	16.2	70	84.7	3.65	8	0.03	0.15	18
1076121	410997	7089835	8N	0.2	1.5	198.3	9.4	1	228	1.4	0.19	0.2	8.1	24	39.1	2.33	4	0.03	0.06	19
1076122	410998	7089884	8N	0.05	1.74	72.5	2.7	2	150	0.6	0.16	0.2	9.3	25	19.1	2.31	5	0.05	0.05	16
1076123	410999	7089935	8N	0.1	1.98	30.8	3.2	1	197	0.9	0.32	0.2	8.7	27	14.3	2.74	7	0.04	0.05	13
1076124	410998	7089988	8N	0.2	1.37	89	3.9	3	182	0.6	0.86	0.8	7.7	23	22.3	2.04	4	0.03	0.05	15
1076125	410998	7090037	8N	0.1	1.77	66.1	1.6	2	203	1.6	0.66	0.8	9.5	23	20.6	2.21	5	0.05	0.05	15
1076126	410999	7090088	8N	0.1	1.94	32.1	1.6	2	265	0.5	0.43	0.2	8.6	26	19.9	2.39	6	0.02	0.06	16
1076127	410998	7090137	8N	0.05	1.45	39.2	5.2	1	259	0.3	0.45	0.3	7.2	24	17.6	2.11	4	0.03	0.06	16
1076128	410999	7090237	8N	0.05	1.7	19.8	1.3	1	211	0.5	0.35	0.1	7.8	25	12.6	2.41	6	0.03	0.05	14
1076129	410999	7090287	8N	0.1	1.69	17.3	4.2	1	321	0.3	0.37	0.2	8.4	23	22.8	2.28	5	0.03	0.05	17
1076131	410098	7088836	8N	0.2	1.15	18.1	4.2	3	161	0.4	0.94	0.4	7.2	18	21.3	1.75	3	0.03	0.05	15
1076132	410097	7088886	8N	0.2	1.36	20.1	4.9	3	171	0.5	1.24	0.8	7.3	17	21.9	1.6	4	0.02	0.05	15
1076133	410098	7088935	8N	0.2	1.17	23.4	1.8	4	162	0.3	1.28	0.8	7	19	20.6	1.62	3	0.04	0.05	14
1076134	410097	7088987	8N	0.2	0.98	26	3.8	4	181	0.5	1.57	0.9	6.1	19	23.2	1.42	3	0.02	0.04	14
1076135	410097	7089037	8N	0.2	1.13	21.9	32.6	3	176	0.5	0.96	0.6	6.8	24	17.1	1.81	4	0.03	0.07	17

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1076039	0.57	414	1	0.007	21.7	0.1	8.6	0.025	1.3	2.3	0.5	31	0.1	3.5	0.038	0.1	1	42	0.5	69
1076040	0.57	474	0.9	0.008	20.6	0.102	11.2	0.05	1.6	2.7	0.25	36	0.1	3.1	0.04	0.1	0.9	40	0.4	73
1076089	0.35	297	0.5	0.033	18.1	0.073	10.8	0.025	0.9	1.9	0.25	41	0.1	1.7	0.026	0.1	0.7	34	1.1	53
1076090	0.39	434	0.5	0.021	16.3	0.086	13.9	0.025	0.7	2.1	0.8	33	0.1	1.6	0.024	0.1	1.8	34	0.7	60
1076091	0.34	665	0.6	0.075	19	0.122	20.4	0.1	1.1	1.8	1	68	0.1	1.3	0.019	0.1	1.1	30	0.3	72
1076092	0.64	604	0.6	0.065	20.7	0.091	13	0.025	0.7	2.1	0.25	52	0.1	1.3	0.037	0.1	1.1	39	0.2	76
1076093	0.61	176	1.5	0.008	18.3	0.066	11.2	0.025	1	2.2	1.1	20	0.1	1.4	0.036	0.2	1.2	59	0.2	68
1076095	0.65	218	6.3	0.015	37.7	0.108	29.9	0.1	4.9	2.8	1.9	55	0.1	1.8	0.029	0.3	4.9	67	0.6	151
1076096	0.23	144	0.8	0.003	10.2	0.032	11	0.025	0.5	0.8	0.5	9	0.1	0.7	0.017	0.05	0.7	32	0.2	30
1076097	0.39	549	1	0.005	20.9	0.058	19.8	0.025	0.5	1.4	0.25	12	0.1	3.5	0.013	0.05	1.2	30	0.2	53
1076098	0.35	233	0.8	0.004	18.7	0.048	15.3	0.025	0.4	1.1	0.25	10	0.1	2.7	0.013	0.05	1	24	0.2	50
1076099	0.46	254	0.9	0.004	23.8	0.046	26.3	0.025	0.5	1.7	0.25	18	0.1	12	0.006	0.05	1.9	23	0.05	64
1076100	0.4	333	0.7	0.005	21	0.044	12.2	0.025	0.7	2.1	0.25	12	0.1	3.7	0.023	0.05	0.9	30	0.1	51
1076101	0.4	430	0.9	0.013	22.7	0.09	10.5	0.025	10.8	2.2	0.6	27	0.1	6.5	0.048	0.2	2.1	41	2.1	75
1076102	0.44	517	0.7	0.021	17.8	0.102	17	0.025	61.3	2	1.1	47	1.5	3.6	0.026	0.1	1.5	33	0.9	82
1076103	0.49	532	0.6	0.029	16.7	0.119	11.7	0.025	20	2.4	0.25	62	0.1	6.2	0.026	0.05	1	30	1	75
1076104	0.58	2741	0.6	0.013	34.3	0.156	50.1	0.025	798.5	6.3	0.6	27	0.1	10	0.01	0.6	1	30	1.1	209
1076106	0.67	386	0.7	0.07	26.3	0.088	16.8	0.06	8.4	2.6	0.25	58	0.1	4	0.053	0.2	1	40	0.5	73
1076107	0.49	260	0.5	0.087	23.7	0.107	17.2	0.025	0.6	2.3	0.25	77	0.1	5.7	0.037	0.05	0.8	37	0.9	66
1076108	0.45	299	1.1	0.008	15.9	0.106	19.6	0.025	6.3	3.5	0.25	64	0.1	15.9	0.025	0.2	4.7	37	1.7	59
1076109	0.58	223	1.1	0.012	24.3	0.099	13.2	0.05	3.4	3.4	0.6	31	0.1	6.7	0.05	0.2	3.1	45	0.9	56
1076110	0.45	443	0.9	0.021	27.3	0.101	10.8	0.025	1.6	2.2	0.25	31	0.1	5.4	0.038	0.1	1.1	42	1	77
1076111	0.48	229	0.5	0.017	20.9	0.084	15.8	0.025	2.5	3.2	0.25	31	0.1	6.6	0.037	0.2	1.7	38	0.3	77
1076112	0.5	104	0.5	0.016	24.2	0.082	14.7	0.025	5.8	4.8	0.6	29	0.1	9.2	0.037	0.2	1.4	45	0.3	72
1076113	0.4	341	0.7	0.026	20.3	0.09	9.8	0.025	2	2.4	0.25	43	0.1	6.8	0.038	0.1	1.1	38	1	65
1076114	0.44	329	0.6	0.098	23.4	0.096	14.7	0.07	1.6	2	0.6	96	0.1	5.1	0.032	0.1	2	32	1.2	56
1076115	0.43	376	0.6	0.066	22.4	0.099	13.6	0.08	2.6	1.9	0.25	72	0.1	3.3	0.03	0.1	1.8	32	0.7	60
1076116	0.46	258	0.6	0.044	25.4	0.106	13.2	0.06	2	2.6	0.25	52	0.1	4.7	0.031	0.05	2	40	0.8	75
1076117	0.42	359	0.6	0.056	22.2	0.088	13.8	0.025	1.9	2.4	0.25	61	0.1	5	0.038	0.05	1.5	38	1.2	68
1076118	0.45	335	0.6	0.053	23.5	0.098	14.5	0.05	2.2	2.7	0.5	66	0.1	4.5	0.03	0.1	2.1	36	0.7	67
1076119	0.32	495	0.6	0.04	26.6	0.127	23.3	0.025	8.8	4.3	0.6	97	0.1	7.2	0.007	0.05	1.4	33	0.1	84
1076120	0.86	352	1.1	0.009	44.2	0.082	12.3	0.025	69.2	3.2	0.6	33	0.1	5.5	0.077	0.5	2.4	62	0.6	76
1076121	0.45	242	0.8	0.006	19.2	0.057	10.5	0.025	52.4	2.9	0.25	15	0.1	3.3	0.036	0.2	3.5	40	0.4	58
1076122	0.43	482	0.8	0.006	18.5	0.063	11.1	0.025	10	1.8	0.25	12	0.1	1.4	0.031	0.1	1.4	42	0.4	66
1076123	0.47	473	1.1	0.007	17	0.062	19.5	0.025	1.6	1.2	0.25	18	0.1	0.5	0.022	0.1	1	45	0.4	94
1076124	0.39	400	0.7	0.021	16.8	0.091	21.7	0.06	1.4	1.6	0.25	38	0.1	1.5	0.022	0.1	4.1	42	0.3	93
1076125	0.43	427	0.9	0.023	20	0.083	23.5	0.025	1.1	1.8	0.25	41	0.1	1.8	0.022	0.1	2.8	41	0.3	98
1076126	0.46	384	0.9	0.014	20.6	0.089	22.8	0.025	0.8	2	0.25	25	0.1	1.9	0.025	0.1	1.5	43	0.3	69
1076127	0.46	268	0.6	0.014	19.6	0.058	13.8	0.025	1.4	2.4	0.25	27	0.1	3.6	0.036	0.1	1.4	39	0.3	63
1076128	0.41	425	0.9	0.007	15	0.074	24.5	0.025	1	1.5	0.25	21	0.1	1.1	0.026	0.2	0.9	45	0.4	56
1076129	0.43	282	0.6	0.013	20.2	0.078	19	0.025	0.9	2.2	0.25	26	0.1	2.9	0.034	0.1	0.9	39	0.3	59
1076131	0.38	258	0.6	0.049	18.9	0.076	17.2	0.025	1.3	2	0.25	65	0.1	4.5	0.033	0.05	0.7	30	0.5	54
1076132	0.39	272	0.3	0.058	17.9	0.059	19.5	0.025	1.5	1.9	0.6	73	0.1	3.4	0.025	0.05	0.9	26	0.3	52
1076133	0.38	271	0.5	0.041	18	0.064	17.3	0.06	1.3	1.8	0.7	60	0.1	2.6	0.028	0.05	1.1	27	0.5	59
1076134	0.34	306	0.5	0.044	17	0.072	17.2	0.08	2.2	1.6	0.6	66	0.1	2.4	0.024	0.05	1.3	26	0.6	54
1076135	0.41	242	0.4	0.059	16.5	0.083	14.8	0.025	1.4	2.2	0.25	72	0.1	5.9	0.052	0.05	0.9	35	1.2	57

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1076136	410097	7089086	8N	0.1	1.29	22.6	24.8	3	206	0.5	1.4	0.4	7	18	22	1.54	4	0.02	0.05	15
1076137	410096	7089186	8N	0.4	1.68	168.2	9.6	2	209	6.8	0.65	0.3	10.9	31	22.1	3.21	6	0.01	0.1	32
1076138	410096	7089237	8N	0.2	2.16	61.4	2.3	0.5	240	0.6	0.93	0.3	8.1	28	18.7	2.21	7	0.02	0.07	23
1076139	410095	7089287	8N	0.1	1.45	70.2	2.5	0.5	270	0.9	0.46	0.3	6.9	24	18.4	2.01	5	0.01	0.07	20
1076140	410095	7089336	8N	0.2	1.34	103.9	19.4	2	227	1.3	0.67	0.4	6.8	24	23.1	1.88	4	0.02	0.07	23
1076141	410097	7089385	8N	0.2	1.35	63.6	3.5	0.5	227	0.8	0.72	0.2	6.1	21	22.1	1.86	4	0.03	0.07	20
1076142	410098	7089436	8N	0.1	1.61	46.1	7.1	2	199	0.5	0.6	0.4	7.4	22	17.5	1.89	4	0.04	0.06	20
1076143	410098	7089486	8N	0.1	1.62	45.6	11.4	1	166	0.4	1.14	0.4	6.1	19	13.2	1.58	4	0.05	0.05	16
1076144	410098	7089536	8N	0.2	1.34	45	3.4	2	283	0.7	0.64	0.3	7.1	20	14.2	1.5	4	0.04	0.04	19
1076145	410098	7089586	8N	0.1	1.77	50.7	4	2	288	0.6	0.58	0.3	8.2	23	16.8	1.83	5	0.03	0.05	19
1076146	410098	7089636	8N	0.1	1.73	57.2	3.7	3	234	0.3	1.27	0.2	7.3	22	20.5	1.81	5	0.03	0.05	15
1076147	410099	7089686	8N	0.05	3.38	83.3	4.9	1	332	0.3	1.27	0.2	9.2	44	17.5	2.56	9	0.03	0.26	21
1076149	410098	7089786	8N	0.1	2.16	29.5	11.3	0.5	203	0.6	0.33	0.4	8.8	47	148.9	2.62	8	0.03	0.1	11
1076150	410098	7089836	8N	0.2	1.77	41.7	6.3	1	194	0.7	0.23	0.3	8.8	36	107.5	2.59	6	0.05	0.08	18
1076151	418898	7086444	8N	0.1	1.33	6.4	2.2	1	165	0.3	0.2	0.1	9.5	23	25.3	2.51	4	0.03	0.04	26
1076152	418924	7086489	8N	0.05	1.24	5.7	1.3	0.5	167	0.3	0.2	0.2	11.4	24	22	2.39	4	0.03	0.04	27
1076153	418954	7086531	8N	0.2	1.34	5.7	2.2	1	236	0.3	0.29	0.3	10	30	23.3	2.31	4	0.04	0.04	23
1076154	418986	7086572	8N	0.2	1.4	6.9	2.6	0.5	176	0.3	0.3	0.2	13.5	27	23.8	2.57	4	0.05	0.04	26
1076155	419003	7086621	8N	0.1	1.35	4.9	1.2	0.5	181	0.2	0.22	0.2	14.2	29	19.5	2.2	4	0.05	0.04	21
1076156	419025	7086666	8N	0.1	1.44	10.4	1.2	0.5	175	0.3	0.16	0.2	12.7	31	22.2	2.7	5	0.03	0.04	22
1076157	419054	7086708	8N	0.05	1.3	8.2	10.4	0.5	176	0.3	0.17	0.2	10	31	24.7	2.58	4	0.03	0.04	24
1076159	419082	7086747	8N	0.1	1.04	7.3	3.2	0.5	111	0.2	0.13	0.05	7.7	27	13.6	2.16	3	0.03	0.03	19
1076160	419111	7086785	8N	0.2	1.55	7.5	2	0.5	281	0.3	0.28	0.2	17	58	35.2	3.05	5	0.03	0.06	32
1076161	419139	7086828	8N	0.1	1.31	8.3	4.3	0.5	195	0.3	0.15	0.3	10.6	29	22.2	2.74	4	0.03	0.04	25
1076162	419169	7086867	8N	0.1	1.41	7.6	6.7	1	221	0.3	0.29	0.1	11.2	37	24.1	2.55	4	0.05	0.04	21
1076163	419218	7086952	8N	0.2	1.72	10.7	3.3	0.5	213	0.4	0.23	0.05	18.3	59	42	3.43	5	0.03	0.04	30
1076165	419236	7086999	8N	0.2	1.54	8.8	2.8	1	155	0.4	0.15	0.05	13.7	50	33.4	2.93	5	0.03	0.04	28
1076166	419270	7087034	8N	0.1	1.53	9.5	1	1	169	0.3	0.16	0.1	15.8	31	31.6	2.99	4	0.02	0.05	30
1076167	419312	7087065	8N	0.1	1.67	18.1	2	0.5	117	0.4	0.12	0.2	20.2	79	40.3	3.48	5	0.03	0.05	40
1076168	419351	7087100	8N	0.05	1.61	10.9	1.2	0.5	125	0.3	0.11	0.2	12.7	28	23.3	3.07	5	0.03	0.05	23
1076169	419388	7087138	8N	0.2	1.55	9.2	1.6	0.5	179	0.3	0.15	0.05	12.4	33	30	2.9	5	0.03	0.04	26
1076170	419416	7087180	8N	0.2	1.93	8.5	2.7	0.5	89	0.5	0.27	0.2	23.2	66	48.7	3.8	6	0.03	0.05	48
1076171	419484	7087256	8N	0.3	1.76	8.1	3	0.5	68	0.6	0.13	0.2	32.3	28	54.4	4.21	5	0.02	0.05	49
1076172	419515	7087351	8N	0.2	1.71	13.6	1.7	1	99	0.5	0.19	0.2	27.1	22	62.5	3.67	4	0.03	0.05	29
1076173	419573	7087436	8N	0.05	1.43	14.3	2.3	0.5	119	0.4	0.17	0.7	11.4	24	18.6	2.75	4	0.02	0.05	22
1076174	419638	7087511	8N	0.05	1.31	12.9	2.6	0.5	109	0.3	0.1	0.1	9	23	28.1	2.63	4	0.03	0.04	23
1076351	404216	7075226	8N	0.7	1.28	421.1	16.8	0.5	70	0.6	0.13	1.1	17	19	50	3.36	3	0.02	0.05	30
1076352	404239	7075264	8N	0.6	1.56	222.1	11.5	0.5	134	0.6	0.17	1.3	19.6	22	43.2	3.39	4	0.05	0.06	21
1076353	404264	7075308	8N	0.4	1.45	219.7	8.1	0.5	116	0.4	0.19	0.8	16.1	22	35.4	3.29	4	0.05	0.07	15
1076354	404285	7075361	8N	0.4	1.3	176.9	9.4	1	89	0.5	0.1	0.6	16	26	31.7	3.07	4	0.04	0.07	23
1076355	404301	7075404	8N	0.8	0.77	264.9	33.6	0.5	67	0.6	0.1	1.9	13.2	17	37.9	3.08	3	0.05	0.06	32
1076356	404325	7075447	8N	0.4	1.04	100.3	6.5	0.5	83	0.5	0.16	0.6	13.3	19	33.6	2.84	3	0.05	0.06	26
1076357	404342	7075495	8N	0.2	1.13	151	12.3	0.5	67	0.7	0.1	0.7	16	18	29.9	2.9	3	0.03	0.06	24
1076358	404360	7075542	8N	0.3	1.15	136.5	8.3	1	118	0.3	0.17	0.6	13	21	33.9	2.67	3	0.03	0.05	22
1076359	404384	7075586	8N	0.1	1.14	45.1	2.6	0.5	88	0.3	0.12	0.3	8	19	18.4	2.32	4	0.04	0.03	17
1076360	404407	7075633	8N	0.4	1.48	48	4.9	0.5	71	0.3	0.12	0.7	12	28	39.1	2.93	4	0.05	0.05	20

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1076136	0.41	296	0.5	0.069	17.6	0.083	13.6	0.025	2.1	1.7	0.25	92	0.1	3.6	0.032	0.05	0.7	27	0.9	53
1076137	0.52	322	1.2	0.046	19.5	0.051	29.7	0.09	4	2.8	0.7	86	0.1	7.8	0.05	0.3	4.3	36	0.7	68
1076138	0.61	327	0.7	0.055	21.5	0.06	14.2	0.025	2.1	3	0.8	106	0.1	4.5	0.046	0.2	1.1	39	0.3	67
1076139	0.46	229	0.8	0.018	18.5	0.068	15.5	0.025	2.5	2.4	0.25	48	0.1	5.2	0.044	0.2	1.6	38	0.3	68
1076140	0.46	214	0.7	0.026	18.5	0.069	14.3	0.025	3.1	3	0.25	54	0.1	6.7	0.045	0.2	2.2	35	0.5	64
1076141	0.42	204	0.6	0.043	18.2	0.069	13.4	0.025	2	2.6	0.5	63	0.1	6.5	0.041	0.1	1.1	32	0.4	59
1076142	0.44	278	0.5	0.056	19.8	0.046	12.3	0.025	1.5	2.6	0.25	54	0.1	4.6	0.04	0.1	0.8	33	0.3	62
1076143	0.39	299	0.5	0.069	15.6	0.066	10.2	0.025	1.2	1.8	0.25	88	0.1	2.6	0.029	0.05	0.7	27	0.4	44
1076144	0.38	260	0.4	0.027	14.5	0.066	13.4	0.025	2	2.2	0.25	72	0.1	5.3	0.028	0.1	1.4	27	0.4	49
1076145	0.42	242	0.5	0.029	18.4	0.076	15.2	0.025	1.8	2.3	0.25	53	0.1	4.5	0.031	0.1	1.4	33	0.4	61
1076146	0.4	300	0.6	0.074	18.2	0.092	12.2	0.07	1.6	1.8	0.25	84	0.1	2.3	0.028	0.1	1.2	30	0.3	54
1076147	1.22	264	0.3	0.178	20.9	0.102	11	0.025	1.8	4.8	0.25	134	0.1	6.5	0.104	0.2	1.8	46	0.3	62
1076149	0.8	227	3.3	0.005	42.1	0.116	15.3	0.025	7	2.9	1.8	24	0.1	2.8	0.036	0.3	1.4	132	0.2	172
1076150	0.6	268	1.8	0.006	33.9	0.099	13.8	0.025	3.3	3.1	0.9	19	0.1	3.3	0.042	0.3	1.8	85	0.2	96
1076151	0.5	258	0.7	0.005	22	0.053	18.5	0.025	0.6	1.8	0.25	21	0.1	7.2	0.017	0.05	1.6	31	0.2	60
1076152	0.51	348	0.7	0.005	24.8	0.049	17	0.025	0.6	1.9	0.25	21	0.1	8.4	0.024	0.05	1.4	31	0.3	67
1076153	0.5	285	0.7	0.006	28.1	0.053	22.7	0.025	0.5	2.3	0.25	30	0.1	5.7	0.016	0.05	1.6	33	0.2	65
1076154	0.5	504	0.8	0.006	32.4	0.059	21.2	0.025	0.5	2.5	0.8	31	0.1	6.7	0.018	0.05	2.9	36	0.2	68
1076155	0.46	418	0.8	0.008	26.6	0.049	13.6	0.025	0.4	2.2	0.6	23	0.1	4.9	0.018	0.05	2.2	33	0.2	65
1076156	0.5	423	1	0.005	22.3	0.055	19.4	0.025	0.6	2.2	0.25	16	0.1	4.4	0.021	0.05	1.2	42	0.3	62
1076157	0.52	249	0.9	0.005	24.8	0.05	16.7	0.025	0.6	2.2	0.25	17	0.1	6	0.025	0.05	1.2	37	0.3	68
1076159	0.35	206	0.8	0.004	16.4	0.046	14	0.025	0.4	1.5	1	12	0.1	3.7	0.018	0.05	0.7	34	0.3	46
1076160	0.77	437	1.1	0.006	37.2	0.064	21.2	0.025	0.5	3.4	1.2	25	0.1	8.9	0.04	0.1	1.8	48	0.2	80
1076161	0.44	279	0.9	0.008	24.8	0.05	17.4	0.025	0.5	2.2	0.9	17	0.1	6.5	0.017	0.05	1.3	38	0.2	67
1076162	0.53	255	0.9	0.006	27.3	0.047	17.1	0.025	0.5	2.3	0.5	29	0.1	6	0.016	0.05	1.4	41	0.2	65
1076163	0.66	421	1.1	0.005	51.9	0.047	24.6	0.025	1.1	2.7	0.6	29	0.1	9.5	0.01	0.05	2.1	37	0.1	69
1076165	0.65	328	1.1	0.005	36.5	0.041	20.8	0.025	0.7	2.2	0.25	22	0.1	9.1	0.016	0.05	1.5	38	0.1	65
1076166	0.57	307	1.3	0.006	34	0.04	22.5	0.025	0.8	2.1	0.25	24	0.1	8.3	0.024	0.05	1.8	36	0.2	68
1076167	0.8	497	1.3	0.006	56.1	0.044	31.3	0.025	0.9	2.6	0.6	22	0.1	14.7	0.017	0.05	2.7	35	0.2	76
1076168	0.5	331	1.4	0.006	26.2	0.028	22.3	0.025	0.8	1.9	0.25	16	0.1	9.2	0.02	0.05	1.2	44	0.2	62
1076169	0.58	261	1.1	0.006	26.7	0.033	21	0.025	0.7	2.3	0.25	21	0.1	9	0.033	0.05	2	40	0.2	67
1076170	0.87	520	1.4	0.006	64.8	0.049	31.7	0.025	1	3.1	0.9	42	0.1	18	0.012	0.05	5.4	32	0.1	97
1076171	0.75	719	1.6	0.007	63.2	0.042	43.2	0.025	1.4	1.9	0.9	37	0.1	20	0.006	0.05	4.3	21	0.05	118
1076172	0.43	559	2.2	0.008	73.6	0.05	48.8	0.025	1.6	2.7	0.6	33	0.1	13.3	0.019	0.05	7.8	29	0.2	101
1076173	0.38	344	1.2	0.005	23.5	0.028	44.2	0.025	2.3	2.2	0.25	21	0.1	8.3	0.022	0.05	1.1	41	0.2	104
1076174	0.39	222	0.9	0.005	22.9	0.039	18.8	0.025	0.7	1.5	0.25	16	0.1	3.6	0.022	0.05	1.5	37	0.1	53
1076351	0.6	652	0.7	0.003	40.4	0.06	74	0.025	0.8	1.5	0.25	19	0.1	13	0.012	0.05	2.8	18	0.2	143
1076352	0.62	982	0.6	0.006	37.9	0.062	54.6	0.025	0.6	1.3	0.25	26	0.1	6.9	0.006	0.05	1.8	21	0.2	157
1076353	0.6	724	0.6	0.005	32.2	0.062	40.4	0.025	0.5	1	0.5	24	0.1	7.3	0.004	0.05	1.8	16	0.2	106
1076354	0.52	656	1.3	0.004	35	0.063	41.5	0.025	0.7	1.1	0.25	16	0.1	7.4	0.01	0.05	1.7	20	0.2	102
1076355	0.25	867	1.2	0.003	31.2	0.072	63.2	0.025	1.3	1.3	0.6	11	0.1	4.6	0.006	0.1	1.5	19	0.1	179
1076356	0.42	695	0.8	0.004	31.4	0.077	36.2	0.025	0.8	1.3	0.25	14	0.1	7.5	0.016	0.05	1.8	24	0.3	99
1076357	0.49	738	0.5	0.003	28.3	0.05	29.1	0.025	0.5	0.9	0.25	12	0.1	9.6	0.006	0.05	1.8	15	0.1	99
1076358	0.46	571	0.9	0.005	29.6	0.069	53.5	0.025	0.8	1.8	0.6	15	0.1	5.2	0.027	0.05	1.5	32	0.3	96
1076359	0.35	296	0.9	0.004	19.8	0.045	23.5	0.025	0.8	1.6	0.25	10	0.1	4.2	0.027	0.05	0.8	38	0.3	56
1076360	0.54	274	0.9	0.005	28.5	0.061	73.2	0.025	1.1	2.5	0.7	10	0.1	5.3	0.027	0.1	1.6	39	0.2	157

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1076361	404434	7075670	8N	0.05	1.3	19.3	4	0.5	71	0.2	0.14	0.2	8.6	22	29.2	2.38	4	0.05	0.04	17
1076362	404484	7075761	8N	0.3	0.26	27.6	0.25	0.5	83	0.2	0.04	1	14.7	7	31.7	3.16	2	0.005	0.07	34
1076363	404462	7075716	8N	0.2	1.17	87.8	18.7	0.5	96	0.3	0.08	0.4	12.4	20	39.3	3.02	4	0.03	0.05	31
1076364	404501	7075810	8N	1.3	0.78	66	33.3	0.5	62	0.8	0.03	0.1	2.6	13	26.9	2.35	3	0.03	0.05	31
1076365	404527	7075853	8N	0.5	0.73	124.6	9.9	0.5	39	0.4	0.03	0.2	6.7	12	34.1	2.83	2	0.04	0.06	39
1076366	404546	7075897	8N	0.5	1.25	129.5	8.2	0.5	79	0.7	0.09	0.6	6	19	21.7	2.58	4	0.04	0.05	19
1076368	404565	7075944	8N	0.1	1.23	31	8.2	0.5	92	0.2	0.1	0.2	5.7	18	22	2.18	3	0.03	0.06	20
1076369	404571	7075994	8N	0.3	1.31	20	4.9	0.5	93	0.2	0.12	0.5	7	18	23.8	2.36	3	0.05	0.05	20
1076370	404594	7076040	8N	0.05	1.27	14.8	3.9	1	86	0.2	0.08	0.2	6.7	16	20.8	2.45	3	0.01	0.04	20
1076371	404621	7076084	8N	0.1	1.23	44.9	2.3	0.5	105	0.2	0.12	0.1	7.1	17	21.2	2.49	3	0.04	0.06	17
1076372	404645	7076127	8N	0.5	1.02	221.9	6.4	2	109	0.4	0.16	1	8.2	15	27.9	2.62	3	0.04	0.06	27
1076373	404855	7076589	8N	0.4	0.67	150.6	4.1	1	66	0.4	0.33	2.7	11.6	11	25.3	2.72	2	0.05	0.05	15
1076375	404813	7076491	8N	0.6	1.05	32.6	2.4	2	101	0.3	0.25	0.4	7.7	14	18.8	2.22	2	0.05	0.05	21
1076376	404784	7076448	8N	4.2	0.81	89.1	6.4	0.5	38	0.2	0.12	1.8	5.9	13	20.7	2.45	2	0.04	0.05	16
1076377	404762	7076404	8N	0.4	0.83	35.3	3.3	0.5	52	0.2	0.07	0.7	7.2	13	16.9	2.37	3	0.03	0.03	15
1076378	404728	7076363	8N	0.05	1.08	18.5	1.1	0.5	85	0.2	0.08	0.1	5.4	15	12	2.25	4	0.02	0.04	12
1076379	404712	7076315	8N	0.05	1.42	11.7	3.3	0.5	92	0.3	0.07	0.3	10.9	19	24.1	2.64	4	0.03	0.03	17
1076380	404695	7076269	8N	0.2	1.2	12	2.2	0.5	88	0.4	0.14	0.5	9.3	21	30.9	2.81	4	0.04	0.04	21
1076381	404680	7076218	8N	0.3	1.18	15.1	0.25	0.5	83	0.6	0.15	1.5	11.9	18	28.7	3.08	4	0.04	0.04	21
1076382	404661	7076175	8N	0.6	1.13	192.8	4.7	1	79	0.8	0.08	1.1	7	17	24.1	2.8	3	0.02	0.04	20
1076383	405451	7077847	8N	0.05	1.37	32.2	6.1	2	74	0.2	0.1	0.2	8.8	22	22	2.36	4	0.04	0.04	21
1076384	405473	7077893	8N	0.05	1.42	34.9	4.8	0.5	60	0.2	0.08	0.2	9.5	23	24.1	2.5	4	0.03	0.04	23
1076401	418057	7080793	8N	0.05	1.2	12.7	1.8	1	81	0.2	0.07	0.2	9.3	20	18.3	2.34	3	0.02	0.04	14
1076402	418104	7080812	8N	0.05	1.26	12.8	4.1	1	79	0.2	0.07	0.05	5.9	22	16.1	2.29	4	0.05	0.03	16
1076403	418139	7080848	8N	0.05	1.14	15.7	2.7	1	90	0.3	0.07	0.1	7.9	21	29.8	2.47	4	0.04	0.03	21
1076404	418179	7080880	8N	0.05	1.11	13.4	0.6	0.5	46	0.2	0.06	0.05	5.3	24	10.3	2.96	5	0.04	0.03	10
1076405	418224	7080904	8N	0.05	1.16	13.1	2.8	0.5	86	0.2	0.1	0.3	8.8	19	32.3	2.22	3	0.04	0.03	21
1076406	418262	7080937	8N	0.05	1.24	10	19.6	0.5	93	0.2	0.1	0.1	5.6	22	20.1	2.1	4	0.04	0.03	19
1076407	418301	7080970	8N	0.05	1.24	11	3.2	0.5	99	0.2	0.12	0.2	7.6	21	22.3	2.08	4	0.03	0.04	16
1076408	418345	7080993	8N	0.05	1.03	12.6	1.6	0.5	58	0.2	0.06	0.1	4.7	18	11.4	2.11	4	0.07	0.03	11
1076409	418389	7081019	8N	0.2	1.27	28.1	6.5	0.5	70	0.3	0.06	0.2	7.5	20	21.7	2.64	4	0.04	0.04	17
1076410	418424	7081054	8N	0.2	1.12	17.1	2.8	1	58	0.2	0.09	0.3	15	18	22.7	2.38	3	0.03	0.03	17
1076411	418465	7081081	8N	0.05	1.19	12.2	4	1	90	0.3	0.07	0.2	9.1	19	26.4	2.5	4	0.04	0.03	20
1076412	418505	7081111	8N	0.05	1.26	12.4	2	1	87	0.2	0.06	0.2	9.3	19	19.9	2.35	4	0.04	0.03	17
1076413	418540	7081146	8N	0.1	1.15	19.8	1.3	0.5	65	0.3	0.05	0.2	11.1	18	23.1	2.73	4	0.04	0.04	23
1076414	418587	7081164	8N	0.2	1.04	18.5	1.9	1	55	0.2	0.06	0.3	7.4	16	18	2.46	4	0.06	0.04	17
1076415	418633	7081184	8N	0.05	1.14	13.1	7.2	1	75	0.2	0.08	0.2	8.6	18	18.7	2.22	3	0.05	0.03	15
1076416	415777	7087718	8N	0.1	1.96	143.3	3.2	0.5	90	0.4	0.19	0.6	79.1	955	82.3	5.29	5	0.02	0.02	19
1076417	415828	7087717	8N	0.05	1.17	11.1	1.7	0.5	67	0.2	0.06	0.1	6.8	29	10.8	2.22	4	0.04	0.03	11
1076418	415878	7087711	8N	0.05	1.08	10.2	8.1	1	75	0.1	0.13	0.2	8.5	20	17.6	2.07	3	0.05	0.03	11
1076419	415927	7087698	8N	0.05	1.2	9.8	4.2	1	105	0.2	0.11	0.1	7.4	24	15.5	2.09	4	0.03	0.04	13
1076420	415977	7087685	8N	0.05	1.51	11.3	1.5	1	111	0.2	0.11	0.2	10.5	60	21.2	2.83	5	0.02	0.06	18
1076421	416025	7087699	8N	0.05	1.28	9.7	4.6	1	111	0.2	0.15	0.05	7	31	15.3	2.21	4	0.02	0.03	13
1076422	416076	7087702	8N	0.05	1.18	10.5	2.5	1	68	0.1	0.08	0.1	9.4	19	10	2.13	3	0.03	0.04	11
1076423	416127	7087702	8N	0.05	1.38	10.5	4.5	0.5	90	0.4	0.04	0.1	7.1	23	34	3.09	4	0.05	0.03	27
1076424	416226	7087715	8N	0.05	1.18	8.6	3.6	1	74	0.4	0.08	0.1	6.5	18	19.6	2.19	4	0.03	0.04	19

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1076361	0.48	312	0.8	0.005	22.1	0.061	15.6	0.025	0.7	2	0.6	12	0.1	4	0.033	0.05	0.9	37	0.2	68
1076362	0.05	758	0.4	0.002	33.8	0.032	23.4	0.025	0.7	0.9	0.25	9	0.1	13.1	0.001	0.05	1.4	6	0.1	95
1076363	0.41	520	0.7	0.003	30.4	0.044	20.5	0.025	1.1	2	0.25	8	0.1	6.6	0.012	0.1	1.2	28	0.2	92
1076364	0.19	77	0.6	0.003	8.3	0.045	38	0.025	2.3	1.1	0.6	5	0.1	7.2	0.003	0.2	1.2	16	0.2	51
1076365	0.22	190	0.8	0.002	17	0.044	38.2	0.05	3	0.9	0.25	5	0.1	6.9	0.004	0.1	1.6	13	0.1	65
1076366	0.37	224	0.8	0.004	16.6	0.054	87.1	0.025	1.9	1.5	0.25	9	0.1	3	0.013	0.1	0.8	30	0.2	113
1076368	0.4	130	0.6	0.004	17.8	0.05	26.9	0.05	1	1.6	0.25	9	0.1	4.1	0.014	0.1	0.8	27	0.2	57
1076369	0.39	247	0.7	0.004	19.9	0.059	93.5	0.025	1.2	1.7	0.25	10	0.1	6.1	0.015	0.1	0.8	27	0.1	110
1076370	0.39	212	0.5	0.003	20.6	0.049	22.3	0.025	0.7	1.2	0.25	7	0.1	4.3	0.01	0.1	0.7	24	0.1	70
1076371	0.41	255	0.6	0.004	22.9	0.047	20.5	0.025	1.2	1.5	0.7	9	0.1	3.6	0.012	0.1	0.6	28	0.2	69
1076372	0.39	339	0.6	0.004	24.6	0.049	47.3	0.05	1.2	1.7	0.25	12	0.1	9.7	0.012	0.05	1	20	0.2	143
1076373	0.23	681	0.5	0.007	25.9	0.057	55.5	0.025	1.1	1.5	1	20	0.1	6.3	0.008	0.05	1.1	13	0.3	214
1076375	0.27	344	0.5	0.004	26.4	0.045	45.5	0.025	2.8	2.1	0.25	19	0.1	6.5	0.008	0.1	0.8	21	0.1	83
1076376	0.24	363	0.7	0.003	17.1	0.048	1287.2	0.025	5.7	1.2	0.9	9	0.1	6.8	0.011	0.05	0.9	22	0.2	776
1076377	0.21	269	0.7	0.003	18.4	0.029	140	0.025	2.3	1.3	1	7	0.1	4.9	0.01	0.05	0.6	22	0.2	150
1076378	0.27	211	0.8	0.003	13.7	0.045	17.9	0.025	0.6	1.1	0.25	7	0.1	2.8	0.013	0.1	0.6	28	0.2	63
1076379	0.34	337	0.7	0.003	23.8	0.036	21.6	0.025	0.6	1.6	1.2	8	0.1	6.7	0.015	0.05	0.7	32	0.2	61
1076380	0.36	436	0.9	0.004	25.7	0.057	25.5	0.025	0.6	1	1.1	11	0.1	2.7	0.01	0.05	0.9	30	0.2	80
1076381	0.38	798	0.8	0.004	29.5	0.05	45.6	0.025	0.9	1.2	0.8	11	0.1	5.9	0.011	0.05	1	24	0.1	191
1076382	0.33	362	0.7	0.003	21	0.041	24.1	0.025	1.4	1.5	1.1	10	0.1	6.5	0.007	0.05	1.1	23	0.2	222
1076383	0.41	288	0.8	0.004	20.6	0.056	12.9	0.025	0.5	1.5	0.25	9	0.1	2	0.017	0.05	0.7	31	0.1	67
1076384	0.43	300	0.7	0.003	21.3	0.05	20.2	0.025	0.5	1.2	0.25	8	0.1	2.7	0.015	0.05	0.7	32	0.1	67
1076401	0.35	291	0.8	0.005	19.9	0.032	11.3	0.025	0.9	2	0.7	8	0.1	3.9	0.025	0.05	0.9	32	0.2	50
1076402	0.31	199	0.8	0.005	14.6	0.043	13.5	0.025	0.7	1.4	0.5	8	0.1	0.9	0.023	0.05	0.9	38	0.2	44
1076403	0.36	229	1	0.005	18.3	0.043	17.1	0.025	0.8	2	0.6	8	0.1	3.6	0.025	0.05	1.5	32	0.2	51
1076404	0.3	242	0.8	0.004	12.2	0.034	13.2	0.025	0.8	1.2	0.5	6	0.1	1	0.032	0.1	0.6	43	0.2	41
1076405	0.41	251	0.7	0.004	22.6	0.051	13.2	0.025	1.1	2	0.25	10	0.1	5	0.027	0.05	1.5	28	0.3	59
1076406	0.4	165	0.8	0.004	16.6	0.049	11.8	0.025	0.7	1.6	0.25	10	0.1	1.8	0.024	0.05	1.1	33	0.2	52
1076407	0.39	211	0.8	0.005	21.6	0.054	16.6	0.025	0.7	1.5	0.25	11	0.1	1.3	0.026	0.05	0.8	33	0.1	63
1076408	0.26	181	0.8	0.006	11.3	0.046	33.7	0.025	0.7	0.7	0.25	7	0.1	0.3	0.017	0.05	0.6	34	0.2	37
1076409	0.34	207	0.9	0.004	16.8	0.033	32.5	0.025	0.9	1.4	0.25	8	0.1	5	0.024	0.05	0.9	34	0.2	48
1076410	0.34	344	0.9	0.004	23.1	0.058	19.2	0.025	0.7	1.5	0.7	10	0.1	5.5	0.022	0.05	1	29	0.3	62
1076411	0.36	239	1	0.004	18.2	0.045	16	0.025	0.7	1.3	0.5	10	0.1	3.5	0.018	0.05	1	34	0.3	55
1076412	0.31	213	1	0.004	17.7	0.033	15.7	0.025	0.6	1.4	0.25	9	0.1	2.5	0.022	0.05	0.9	37	0.3	52
1076413	0.32	369	1	0.005	19.5	0.054	18.8	0.025	0.6	1.1	0.25	11	0.1	2.8	0.016	0.05	1.2	32	0.2	60
1076414	0.26	267	1.1	0.004	18.1	0.035	43.3	0.025	0.9	1.1	0.25	9	0.1	2.8	0.021	0.05	0.8	34	0.2	63
1076415	0.28	212	0.9	0.005	19.1	0.035	14.6	0.025	0.8	1.6	0.6	9	0.1	3.8	0.024	0.05	0.7	36	0.2	48
1076416	1.78	1881	1.7	0.004	654.7	0.112	19.5	0.025	1	5	0.25	36	0.1	1.4	0.009	0.2	0.8	91	0.05	67
1076417	0.3	270	0.8	0.003	15.2	0.034	11.3	0.025	0.5	0.5	0.25	7	0.1	0.3	0.017	0.1	0.7	41	0.2	42
1076418	0.35	320	0.8	0.004	20.8	0.059	10.2	0.025	0.6	1	0.25	10	0.1	2	0.025	0.05	0.7	34	0.2	64
1076419	0.34	246	0.8	0.005	18.1	0.046	10.7	0.025	0.6	0.8	0.25	13	0.1	0.6	0.022	0.1	1	38	0.1	49
1076420	0.56	320	1.3	0.005	31.7	0.051	20	0.025	0.7	1.4	0.25	17	0.1	2.8	0.036	0.2	1.8	48	0.3	66
1076421	0.38	194	1.1	0.005	19.1	0.058	13.4	0.025	0.5	0.7	0.25	13	0.1	0.4	0.014	0.1	1.2	39	0.2	50
1076422	0.33	350	0.7	0.004	15.9	0.043	9.3	0.025	0.5	0.9	0.25	7	0.1	2	0.024	0.05	0.5	33	0.2	49
1076423	0.44	231	1.3	0.004	16	0.042	25.6	0.025	1.1	2	0.5	8	0.1	6	0.021	0.05	2.1	26	0.1	51
1076424	0.34	221	1	0.004	16.1	0.043	14.9	0.025	0.6	0.9	0.25	10	0.1	1.6	0.021	0.2	1	34	0.2	47

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1076425	416274	7087728	8N	0.05	1.2	10	1.6	0.5	75	0.1	0.08	0.1	6.6	20	13.4	2.11	3	0.03	0.03	11
1076426	416323	7087738	8N	0.05	1.09	11.6	1.5	2	82	0.3	0.09	0.3	8.1	18	19.8	2.18	3	0.02	0.03	15
1076427	416373	7087742	8N	0.05	1.08	8.7	1.8	0.5	62	0.2	0.07	0.1	4.6	20	10.9	1.92	4	0.02	0.04	13
1076428	416419	7087762	8N	0.05	1.28	10	3	0.5	102	0.2	0.1	0.1	7.4	20	19.2	2.14	4	0.04	0.04	14
1076429	416469	7087770	8N	0.05	1.02	10.5	0.25	0.5	62	0.2	0.09	0.2	9.3	19	15.3	2.18	3	0.02	0.04	16
1076430	416517	7087782	8N	0.05	1.1	9.8	7.1	0.5	107	0.2	0.06	0.2	5	23	12.2	2.15	4	0.02	0.03	13
1076431	416564	7087799	8N	0.05	1.02	9.7	1.3	1	61	0.2	0.08	0.2	9.3	20	14.8	2.2	4	0.02	0.04	13
1076432	416614	7087805	8N	0.05	1.29	10.5	1.7	1	66	0.2	0.07	0.2	6.7	22	16.4	2.66	4	0.02	0.05	24
1076433	416661	7087825	8N	0.05	1.4	10.3	1.8	1	84	0.2	0.1	0.1	7.5	23	15.2	2.37	4	0.03	0.04	14
1076434	416710	7087838	8N	0.05	1.36	11.6	0.9	1	76	0.2	0.08	0.2	7.7	25	11.1	2.5	5	0.02	0.05	15
1076435	416758	7087855	8N	0.05	1.26	7.7	1.4	0.5	97	0.2	0.08	0.2	7.6	27	13.6	1.97	4	0.02	0.05	17
1076436	416808	7087864	8N	0.05	1.73	11.9	1.9	0.5	122	0.2	0.09	0.2	11.4	27	15.5	2.51	4	0.02	0.04	13
1076437	416855	7087880	8N	0.05	1.37	11.2	1.9	0.5	103	0.2	0.08	0.2	7.3	16	16.5	2.63	4	0.03	0.03	18
1076438	416904	7087888	8N	0.05	1.45	11.1	3.4	1	90	0.2	0.07	0.1	8.7	23	18.1	2.66	4	0.02	0.04	16
1076439	416954	7087894	8N	0.05	1.21	10.7	5.7	1	61	0.3	0.05	0.1	7.2	23	20.9	2.99	4	0.02	0.03	21
1076441	412853	7086319	8N	0.05	1.15	8.4	2.2	0.5	79	0.2	0.06	0.1	7.8	21	21.6	2.59	4	0.04	0.07	18
1076442	412861	7086268	8N	0.2	2.11	34.2	1.8	0.5	123	0.4	0.13	0.1	24.6	136	46.7	3.8	7	0.03	0.34	42
1076443	412875	7086220	8N	0.3	1.79	13.9	1.6	0.5	74	0.7	0.11	0.2	24	47	70.5	5.16	5	0.02	0.21	50
1076444	412889	7086173	8N	0.05	2.1	30.3	1.9	0.5	150	0.5	0.13	0.2	44.6	31	64.8	4.16	6	0.03	0.36	29
1076445	412878	7086124	8N	0.05	1.4	8	1.6	0.5	105	0.3	0.12	0.1	21	19	39.6	3.05	4	0.04	0.14	31
1076446	412877	7086074	8N	0.05	1.33	9.7	1	0.5	90	0.2	0.11	0.05	17.8	18	27.7	2.63	4	0.04	0.11	25
1076447	412902	7086030	8N	0.05	1.1	11.1	0.25	0.5	97	0.3	0.11	0.1	17.6	20	27.1	2.59	3	0.02	0.15	21
1076448	412909	7085981	8N	0.2	1.43	19.5	2.7	0.5	130	0.4	0.1	0.2	15.2	32	35.5	3.14	4	0.03	0.18	23
1076449	412913	7085931	8N	0.1	1.9	14.3	2.5	0.5	134	0.5	0.21	0.2	21.6	32	58.3	4.31	5	0.02	0.26	36
1076450	412937	7085887	8N	0.05	1.53	22.3	3	0.5	96	0.4	0.07	0.1	20.1	26	44.3	3.81	4	0.02	0.05	41
1078001	411017	7082259	8N	0.05	1.19	8.3	1.9	1	77	0.4	0.08	0.4	5	21	15.9	2.25	4	0.04	0.04	21
1078002	410967	7082258	8N	0.05	1.36	11.3	2.9	0.5	156	0.4	0.11	0.3	10.2	26	26.7	2.77	4	0.03	0.05	25
1078003	410919	7082250	8N	0.05	1.54	11.8	3.3	1	120	0.4	0.09	0.4	10.2	28	24.9	3	5	0.03	0.05	24
1078004	410869	7082246	8N	0.05	1.22	11.7	3.1	0.5	84	0.3	0.11	0.1	11.3	23	20.5	2.63	4	0.04	0.04	19
1078005	410821	7082237	8N	0.05	1.27	12.3	4.4	2	112	0.3	0.09	0.3	11	24	25.1	2.57	4	0.04	0.04	20
1078006	410720	7082227	8N	0.05	1.17	9.5	6.4	2	60	0.5	0.07	0.5	7.2	23	18.1	2.8	4	0.02	0.04	30
1078007	410769	7082232	8N	0.05	1.27	10.9	2.9	2	104	0.3	0.13	0.3	13.3	24	23	2.8	4	0.04	0.05	22
1078008	410670	7082227	8N	0.05	1.2	10.4	2.8	1	66	0.5	0.07	0.4	9.5	24	18.2	2.66	4	0.03	0.04	21
1078009	410623	7082211	8N	0.05	1.38	11.6	0.25	2	104	0.6	0.12	0.5	12.9	27	20.6	2.96	4	0.03	0.06	20
1078010	410576	7082194	8N	0.05	1.38	9	13.7	0.5	100	0.2	0.1	0.2	10.9	26	23.9	2.85	4	0.02	0.04	26
1078011	410530	7082181	8N	0.1	1.33	8.8	4.1	2	132	0.4	0.15	0.3	8.8	23	22.8	2.8	4	0.03	0.05	24
1078012	410440	7082138	8N	0.05	1.28	8.4	2.1	1	129	0.5	0.14	0.5	12.9	24	19.4	2.58	4	0.03	0.04	25
1078013	410393	7082122	8N	0.05	1.07	8.5	15.5	1	126	0.3	0.14	0.2	10.4	21	32.3	3.05	4	0.01	0.04	38
1078014	412587	7078713	8N	0.1	0.8	13.8	1.9	0.5	96	0.2	0.13	0.2	13.1	14	30.4	2.81	2	0.03	0.03	35
1078015	412617	7078752	8N	0.1	1.18	9.5	6.1	1	113	0.2	0.12	0.1	13.4	19	27.4	2.59	4	0.04	0.03	25
1078016	412635	7078798	8N	0.05	1.3	13.5	1	0.5	75	0.2	0.09	0.1	14	21	35	3.09	4	0.02	0.03	35
1078017	412659	7078842	8N	0.05	1.49	11.8	0.8	0.5	60	0.2	0.13	0.05	15.5	25	41.5	3.51	4	0.02	0.03	40
1078018	412701	7078871	8N	0.05	1.22	16.3	3.3	1	72	0.2	0.09	0.1	7.7	24	23.2	2.68	4	0.04	0.03	26
1078019	412692	7078920	8N	0.1	1.22	29.3	4.7	1	86	0.3	0.12	0.2	10.2	22	30	2.59	4	0.03	0.04	23
1078020	412702	7078970	8N	0.05	1.25	24.6	11.2	0.5	86	0.3	0.08	0.2	11.7	22	29.6	2.81	4	0.02	0.03	20
1078021	412709	7079021	8N	0.1	1.11	17.7	2.7	2	125	0.2	0.16	0.3	11.2	24	30.7	2.74	4	0.02	0.04	19

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1076425	0.33	232	0.8	0.004	14.4	0.037	9.8	0.025	0.6	1	0.25	8	0.1	1.7	0.022	0.05	0.7	32	0.2	47
1076426	0.36	285	0.7	0.004	16.6	0.057	14.9	0.025	0.6	1.4	0.25	15	0.1	2.6	0.021	0.05	1	27	0.1	53
1076427	0.29	149	0.7	0.004	10.7	0.029	11	0.025	0.5	0.7	0.25	9	0.1	0.8	0.021	0.05	0.7	36	0.1	38
1076428	0.34	274	0.9	0.005	15.9	0.048	11.6	0.025	0.6	1	0.5	10	0.1	1.2	0.019	0.05	1.3	35	0.1	49
1076429	0.32	428	1	0.005	15.3	0.047	15.1	0.025	0.6	0.8	0.25	10	0.1	2	0.023	0.05	0.8	31	0.1	52
1076430	0.29	169	0.9	0.004	11.6	0.028	12.9	0.025	0.5	0.8	0.25	8	0.1	1	0.018	0.05	0.8	37	0.1	40
1076431	0.34	391	1	0.004	16.1	0.043	15.9	0.025	0.7	0.7	0.25	9	0.1	1.3	0.02	0.05	0.8	33	0.1	53
1076432	0.43	221	1.1	0.005	15.8	0.037	23.9	0.025	0.8	0.9	0.25	12	0.1	3.9	0.022	0.05	1	32	0.1	57
1076433	0.37	241	1	0.005	16.1	0.047	15.8	0.025	0.7	1	0.25	10	0.1	1.9	0.024	0.05	0.9	38	0.2	52
1076434	0.34	376	1.3	0.005	13.6	0.038	25.9	0.025	0.6	0.9	0.25	9	0.1	1.7	0.028	0.1	0.8	46	0.2	55
1076435	0.38	243	0.9	0.005	15.8	0.033	19.8	0.025	0.6	0.9	0.25	10	0.1	1.5	0.026	0.1	0.8	37	0.2	52
1076436	0.41	363	1.1	0.005	17.6	0.043	17	0.025	0.6	1.5	0.25	9	0.1	3.6	0.025	0.1	1	42	0.2	59
1076437	0.37	296	1.2	0.005	15.6	0.044	18.1	0.025	0.6	1.3	0.25	9	0.1	2.7	0.02	0.05	1.2	39	0.2	55
1076438	0.42	351	1.1	0.004	19.4	0.043	14.7	0.025	0.7	1.1	0.25	8	0.1	4	0.02	0.05	0.9	34	0.2	61
1076439	0.4	261	1.2	0.004	15.7	0.03	20.3	0.025	0.7	0.8	0.25	9	0.1	4	0.019	0.05	1.1	36	0.2	55
1076441	0.29	205	0.9	0.004	18	0.042	16.3	0.025	0.8	1.2	0.8	10	0.1	1.6	0.016	0.1	0.8	35	0.2	51
1076442	0.98	624	0.8	0.01	76.2	0.063	27.8	0.1	2.6	2.9	1	31	0.1	7.3	0.041	0.3	1.4	50	0.1	94
1076443	0.72	855	1.3	0.005	42.8	0.054	45.4	0.025	5.4	2.6	0.9	29	0.1	12	0.015	0.2	2	26	0.05	112
1076444	0.81	1148	0.8	0.005	58.8	0.055	25.1	0.025	1.8	2.6	0.7	29	0.1	8.9	0.033	0.3	2.1	32	0.1	107
1076445	0.47	554	0.9	0.004	36.6	0.052	30.8	0.025	0.8	1.3	0.25	16	0.1	5.8	0.01	0.1	1.3	22	0.1	70
1076446	0.38	576	0.8	0.004	27.2	0.041	20.8	0.025	0.8	1.4	0.8	12	0.1	3.5	0.013	0.1	1	29	0.2	58
1076447	0.41	590	0.9	0.004	35.2	0.035	25.5	0.025	0.9	1.6	0.25	16	0.1	4.5	0.02	0.1	1.1	29	0.3	69
1076448	0.64	467	1	0.005	33.2	0.044	24.9	0.05	1.2	2	0.25	17	0.1	5	0.027	0.2	1.1	38	0.2	66
1076449	1.08	978	1	0.005	50.2	0.063	26.8	0.06	2.7	3.4	0.5	26	0.1	14	0.031	0.2	1.9	30	0.05	92
1076450	0.64	355	1.9	0.005	40.9	0.054	22.5	0.025	0.7	2.3	0.7	21	0.1	11.5	0.01	0.05	2.2	26	0.05	76
1078001	0.34	164	0.9	0.004	16.1	0.044	12.1	0.025	1.2	1.1	0.25	10	0.1	1.3	0.015	0.1	1.2	32	0.1	48
1078002	0.44	337	1.1	0.005	26	0.052	16.4	0.025	1.6	3	0.25	14	0.1	4.9	0.026	0.05	1.8	37	0.2	71
1078003	0.47	334	1.1	0.005	24.2	0.056	15.5	0.025	1.3	2.6	0.25	12	0.1	4.8	0.027	0.05	1.6	42	0.2	68
1078004	0.38	433	0.9	0.004	20.2	0.065	13.3	0.025	1	1.8	0.7	11	0.1	2.9	0.024	0.05	1.2	36	0.2	58
1078005	0.39	417	1	0.005	21.7	0.055	12.7	0.025	1	2.3	0.6	10	0.1	3.7	0.029	0.05	1.5	36	0.2	67
1078006	0.39	286	1.2	0.004	17.3	0.052	15.3	0.025	1.3	1.2	0.25	9	0.1	2.8	0.015	0.05	1	35	0.1	57
1078007	0.4	668	1	0.006	25	0.063	14.5	0.025	1.1	2	0.25	12	0.1	4.4	0.024	0.05	1.4	35	0.2	75
1078008	0.36	384	1.2	0.005	18.8	0.058	15.5	0.025	1.2	1	0.6	9	0.1	1	0.017	0.05	1.1	38	0.1	49
1078009	0.46	540	1.5	0.013	21.6	0.057	15.2	0.025	1.2	1.8	0.25	13	0.1	2.5	0.021	0.05	1.3	40	0.2	83
1078010	0.46	333	1	0.005	25.9	0.057	16.5	0.025	1	1.8	0.25	13	0.1	3.4	0.017	0.05	1.4	37	0.1	65
1078011	0.41	290	1.4	0.006	23.7	0.056	18.8	0.025	0.9	1.5	0.25	17	0.1	2.2	0.013	0.05	1.7	36	0.2	73
1078012	0.4	301	1.1	0.005	25.6	0.048	13.6	0.025	1	2	0.6	13	0.1	4.2	0.016	0.05	1.5	36	0.2	58
1078013	0.41	252	1	0.007	28.2	0.047	16	0.025	1.5	1.8	0.25	15	0.1	8.2	0.027	0.05	1.4	30	0.1	69
1078014	0.27	652	0.7	0.003	30.1	0.05	22.5	0.025	0.6	1.8	0.25	11	0.1	10.3	0.01	0.05	2.8	20	0.1	77
1078015	0.42	586	0.8	0.006	25.5	0.063	19.8	0.025	0.6	1.2	0.25	12	0.1	2.4	0.012	0.05	1.6	25	0.2	70
1078016	0.47	553	0.8	0.003	31.5	0.057	20.3	0.025	0.6	1.7	0.25	9	0.1	7.3	0.013	0.05	1.8	26	0.1	82
1078017	0.57	554	0.8	0.003	38	0.069	17.4	0.025	0.6	1.7	0.25	11	0.1	10	0.018	0.05	2	25	0.3	89
1078018	0.46	316	0.8	0.005	19.2	0.049	15.2	0.025	0.7	1.2	0.25	9	0.1	2.6	0.022	0.05	1.3	35	0.3	63
1078019	0.43	391	0.9	0.005	23.5	0.066	16.7	0.025	0.9	1.6	0.25	11	0.1	5.8	0.021	0.05	1.6	32	0.3	73
1078020	0.43	495	0.9	0.004	25.3	0.067	19.9	0.025	0.9	1.6	0.25	9	0.1	4.4	0.016	0.05	1.4	32	0.3	76
1078021	0.42	482	1	0.005	29.7	0.086	16.8	0.025	0.9	1.9	0.25	13	0.1	5.4	0.029	0.05	1.6	37	0.5	81

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1078022	412710	7079071	8N	0.1	1.16	21.3	4	1	93	0.3	0.07	0.2	8.4	22	27.5	2.81	4	0.03	0.03	18
1078023	417923	7088081	8N	0.05	1.28	12.9	5.8	0.5	162	0.3	0.22	0.3	13.9	30	36.6	3.02	4	0.01	0.09	27
1078024	417968	7088099	8N	0.05	1	9.9	4.2	1	183	0.1	0.19	0.1	5.9	19	19.5	2.08	3	0.05	0.04	16
1078025	418013	7088113	8N	0.1	1.14	10.1	0.8	0.5	202	0.2	0.23	0.2	11.3	23	18.8	2.27	3	0.02	0.04	18
1078026	418058	7088128	8N	0.05	1.2	10.2	10.4	0.5	178	0.2	0.17	0.2	10.5	26	25.9	2.55	3	0.02	0.05	24
1078027	418091	7088171	8N	0.05	1.25	12.9	2.5	1	160	0.2	0.15	0.2	13.4	26	27.1	2.62	3	0.03	0.05	23
1078028	418136	7088153	8N	0.1	1.29	8.2	2.1	1	112	0.3	0.2	0.2	13.3	30	29.1	2.88	4	0.02	0.07	33
1078029	418179	7088183	8N	0.1	1.31	11	3.7	1	174	0.2	0.16	0.1	13.6	30	28.8	2.99	4	0.03	0.06	33
1078030	418280	7088166	8N	0.1	1.17	9.2	4.9	1	107	0.3	0.21	0.2	11.8	27	25.9	2.69	3	0.02	0.06	36
1078031	418319	7088137	8N	0.05	0.82	7.6	6.6	2	113	0.05	0.17	0.05	5.8	18	15.9	1.7	2	0.04	0.03	17
1078032	413028	7087342	8N	0.1	1.41	22.1	0.8	0.5	25	0.4	0.02	0.05	4.7	18	14.5	3.47	4	0.02	0.08	85
1078033	413004	7087292	8N	0.05	1.44	13.6	0.8	0.5	77	0.3	0.05	0.1	13.7	19	31.2	3.04	4	0.02	0.11	46
1078034	412973	7087261	8N	0.05	1.41	12.7	1.7	0.5	64	0.4	0.05	0.2	12.1	21	33.4	2.74	4	0.04	0.05	34
1078035	412967	7087217	8N	0.1	1.1	9.5	1.4	0.5	72	0.3	0.04	0.1	4.6	17	18	2.35	4	0.04	0.05	25
1078036	412967	7087170	8N	0.05	1.5	11.3	0.25	0.5	87	0.3	0.08	0.2	7.9	22	24.3	2.86	5	0.02	0.06	23
1078037	412943	7087125	8N	0.2	1.5	29.4	0.6	0.5	88	0.5	0.05	0.1	8	20	29.4	3.1	5	0.03	0.05	34
1078038	412958	7087079	8N	0.05	1.32	12.8	1.2	2	78	0.4	0.07	0.1	13	22	23.5	2.51	5	0.04	0.05	27
1078039	412966	7087032	8N	0.05	1.34	6.1	3.9	1	81	0.7	0.04	0.05	7.9	20	25.7	2.9	4	0.02	0.05	50
1078040	412969	7086983	8N	0.05	1.07	11	1.9	1	78	0.2	0.11	0.1	10.3	17	18.6	2.14	3	0.02	0.04	17
1078041	412964	7086937	8N	0.05	1.1	8.4	1	0.5	124	0.3	0.08	0.2	16.1	18	31.4	2.15	3	0.02	0.04	28
1078042	412965	7086888	8N	0.05	1.55	9.7	5.8	2	97	0.3	0.07	0.1	8.3	22	25.8	2.59	5	0.03	0.07	19
1078043	412959	7086841	8N	0.05	1.33	10.8	1.5	1	92	0.4	0.08	0.2	9.8	20	25.5	2.52	4	0.02	0.06	22
1078044	412940	7086795	8N	0.05	1.56	10.8	0.25	0.5	104	0.2	0.09	0.4	15.9	27	28.7	2.61	4	0.02	0.16	38
1078045	412955	7086749	8N	0.2	0.76	27	5	0.5	96	0.3	0.06	0.3	13.8	14	27.3	2.54	2	0.04	0.08	32
1078046	412940	7086699	8N	0.05	0.67	16.5	1.6	0.5	81	0.4	0.03	0.2	32.3	17	62.3	4.87	3	0.02	0.16	49
1078047	413188	7086378	8N	0.1	1.01	9.1	5.7	2	69	0.3	0.1	0.1	18.2	18	36.3	2.53	3	0.03	0.1	34
1078048	413236	7086368	8N	0.1	1.86	17.8	2.4	2	115	0.3	0.21	0.2	16	57	37.4	3.26	5	0.03	0.1	24
1078049	413281	7086355	8N	0.05	1.01	8.5	2	0.5	48	0.3	0.05	0.05	6.6	20	21.9	2.46	4	0.03	0.07	22
1078050	413328	7086339	8N	0.1	1.04	15.4	19.8	2	87	0.3	0.08	0.2	11.1	19	21.9	2.43	3	0.02	0.09	23
1078051	415604	7086019	8N	0.05	1	10.3	4.2	2	77	0.2	0.14	0.2	9.5	22	17.7	2.32	3	0.04	0.04	13
1078052	415653	7086005	8N	0.05	1.16	10	33.2	2	82	0.2	0.1	0.2	7.8	21	17.2	2.13	4	0.04	0.04	12
1078053	415701	7085987	8N	0.05	0.98	7.8	5.2	2	73	0.3	0.11	0.3	6	21	12	1.85	4	0.04	0.03	11
1078054	415746	7085963	8N	0.05	0.99	8.3	13.8	2	101	0.2	0.16	0.3	6.8	21	13.3	1.95	4	0.05	0.04	12
1078055	415791	7085937	8N	0.05	0.97	9.2	3.9	2	71	0.1	0.12	0.2	7.5	18	14.5	1.9	3	0.02	0.03	11
1078056	415833	7085908	8N	0.05	1.27	9.1	3.9	1	94	0.2	0.09	0.1	8.4	24	19.5	2.23	4	0.05	0.05	13
1078057	415924	7085900	8N	0.2	1.4	9.5	2.8	1	154	0.2	0.32	0.2	12.8	39	24.3	3.26	5	0.03	0.1	15
1078058	415937	7085949	8N	0.1	1.34	13.8	2.8	1	165	0.3	0.24	0.3	13.8	35	31.2	3.27	4	0.02	0.11	32
1078059	415955	7085999	8N	0.05	0.89	9.2	10	1	53	0.3	0.09	0.5	9.3	22	17.7	2.44	3	0.02	0.07	15
1078060	415984	7086042	8N	0.05	0.95	9.6	3.5	0.5	92	0.3	0.1	0.2	12.8	27	20.3	2.61	3	0.02	0.09	20
1078061	412364	7086138	8N	0.05	1.01	10.4	1.3	1	72	0.2	0.06	0.2	8.9	20	18.4	2.02	3	0.03	0.06	14
1078062	412419	7086145	8N	0.3	4.44	34.9	1.2	0.5	209	0.2	0.29	0.5	45.4	256	187.5	4.66	12	0.005	0.74	15
1078063	412468	7086160	8N	0.05	1.14	7.7	3.1	0.5	141	0.2	0.08	0.2	9.3	22	20.5	1.87	3	0.01	0.11	21
1078064	412519	7086161	8N	0.1	1.15	28.1	0.25	0.5	91	0.5	0.01	0.2	20.6	11	36.7	3.2	3	0.01	0.08	40
1078065	412567	7086176	8N	0.1	1.21	11.5	2.2	0.5	73	0.3	0.03	0.1	12.5	18	36.7	3.07	4	0.03	0.07	23
1078066	412618	7086190	8N	0.3	0.81	8.6	2.1	0.5	77	0.6	0.02	0.2	24.6	9	61.5	3.65	2	0.03	0.09	44
1078067	412666	7086210	8N	0.05	1.22	10.3	3	0.5	93	0.3	0.05	0.2	7.3	21	19.8	2.39	4	0.03	0.05	15

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1078022	0.38	336	0.9	0.004	22.8	0.063	17.8	0.025	0.9	1.2	0.25	8	0.1	2.2	0.017	0.05	1.4	33	0.3	68
1078023	0.57	532	1.3	0.006	31.6	0.081	23.3	0.025	3.1	2.4	0.25	24	0.1	8.6	0.043	0.05	0.8	42	0.2	85
1078024	0.32	167	0.8	0.006	16.1	0.067	8.6	0.025	0.7	2	0.5	15	0.1	2	0.026	0.05	0.6	36	0.3	55
1078025	0.45	369	1.3	0.007	19.5	0.076	12.6	0.025	1.2	2.1	0.25	26	0.1	3.3	0.015	0.05	1.6	34	0.05	59
1078026	0.5	343	1	0.005	24.1	0.065	17	0.025	1.5	2.1	0.25	18	0.1	6.5	0.026	0.05	1.5	32	0.2	57
1078027	0.49	482	1	0.005	28.2	0.063	31.7	0.025	2	3	0.25	17	0.1	5.4	0.03	0.05	2.1	38	0.2	57
1078028	0.63	429	1.5	0.004	28.7	0.066	22	0.025	1.3	2	0.25	36	0.1	7.1	0.029	0.05	2.2	35	0.1	81
1078029	0.57	491	1.7	0.004	30.6	0.055	23.5	0.025	1.6	2.3	0.25	25	0.1	6.2	0.024	0.05	2.5	40	0.2	76
1078030	0.55	305	2	0.005	26.7	0.061	21.7	0.025	2	2	0.25	36	0.1	6.4	0.025	0.05	2.8	31	0.2	67
1078031	0.3	157	0.8	0.005	15.3	0.052	10.9	0.025	0.5	1.4	0.25	19	0.1	2.8	0.024	0.05	0.9	28	0.3	41
1078032	0.77	101	1.5	0.016	9.1	0.046	18.2	0.09	0.6	1.2	0.7	42	0.1	31.4	0.014	0.05	2.3	10	0.1	71
1078033	0.43	174	0.9	0.024	24.4	0.054	21.1	0.15	0.8	1.3	0.25	69	0.1	6.5	0.014	0.1	2.2	23	0.1	66
1078034	0.41	174	0.9	0.006	23.1	0.045	22.7	0.025	0.6	1	0.7	21	0.1	1.6	0.014	0.05	1.2	31	0.1	61
1078035	0.28	134	1	0.012	11.8	0.06	16	0.07	0.9	0.8	0.9	31	0.1	0.8	0.013	0.1	1.1	28	0.1	45
1078036	0.46	217	0.9	0.01	20.1	0.05	13.2	0.025	0.8	1.5	0.25	24	0.1	2.4	0.024	0.1	1.1	37	0.2	67
1078037	0.38	188	1.2	0.006	20.5	0.065	18.6	0.025	0.9	1	0.8	18	0.1	1.1	0.012	0.1	1.9	34	0.2	63
1078038	0.4	288	1.2	0.005	28	0.06	16.8	0.025	1.1	0.9	0.25	14	0.1	1.3	0.018	0.1	1.5	39	0.2	60
1078039	0.57	250	0.9	0.026	12.7	0.051	13.1	0.12	1.2	1.1	0.25	24	0.1	11.1	0.02	0.05	1.8	25	0.1	56
1078040	0.39	281	0.8	0.006	19.4	0.048	11.8	0.025	0.9	1.5	0.25	14	0.1	4.2	0.028	0.05	0.8	32	0.2	55
1078041	0.44	265	0.7	0.007	26.7	0.037	15.2	0.025	0.9	1.5	0.25	16	0.1	7.9	0.028	0.05	1.6	27	0.2	63
1078042	0.48	276	1.7	0.009	19.4	0.045	18.2	0.025	1.4	1.8	0.25	22	0.1	3	0.033	0.1	1.3	40	0.2	56
1078043	0.44	246	1	0.01	19.7	0.053	14.2	0.025	1.1	1.3	0.7	27	0.1	2.7	0.026	0.1	1.2	34	0.1	57
1078044	0.45	574	0.8	0.005	39.4	0.044	19	0.025	3.6	2.4	0.6	10	0.1	6.6	0.037	0.2	0.7	36	0.1	74
1078045	0.19	1039	1.1	0.002	35.8	0.056	46.5	0.025	10.8	1.8	0.5	12	0.1	5.4	0.009	0.2	0.8	23	0.05	103
1078046	0.19	2144	0.9	0.003	74.5	0.061	33.2	0.025	13.5	2.5	0.6	7	0.1	8.7	0.006	0.4	1.3	21	0.05	153
1078047	0.35	678	0.8	0.005	33.1	0.056	34.3	0.025	1.7	1.3	0.6	16	0.1	4.1	0.023	0.1	1.8	30	0.2	68
1078048	0.98	673	0.8	0.006	48	0.098	20.3	0.025	1.6	3.2	0.25	23	0.1	4.8	0.051	0.1	0.9	58	0.2	81
1078049	0.29	251	0.9	0.004	13.4	0.052	21.4	0.025	1.1	0.8	0.25	13	0.1	1	0.02	0.05	0.9	36	0.2	44
1078050	0.33	442	0.7	0.005	20.2	0.046	54.4	0.025	2.9	1.2	0.25	20	0.1	2.3	0.027	0.1	1.1	32	0.3	57
1078051	0.32	391	0.9	0.004	19.4	0.061	21.4	0.025	1.9	1	0.25	11	0.1	2.3	0.023	0.05	0.8	39	0.4	64
1078052	0.3	316	1.2	0.004	16.4	0.056	20.3	0.05	2	0.9	0.25	9	0.1	1.2	0.019	0.05	0.9	38	0.3	57
1078053	0.26	292	1	0.004	12.4	0.043	19.1	0.11	1.3	0.5	0.25	10	0.1	0.4	0.016	0.05	0.8	37	0.2	46
1078054	0.3	354	1.3	0.004	15	0.05	15.1	0.025	1.4	0.8	0.25	14	0.1	0.9	0.022	0.05	0.7	40	0.4	53
1078055	0.3	317	0.8	0.003	15.5	0.054	11.4	0.025	0.8	0.7	0.25	9	0.1	1.3	0.021	0.05	0.6	33	0.3	57
1078056	0.35	284	0.9	0.004	16.7	0.04	14.6	0.025	1.3	1.8	0.25	10	0.1	1.6	0.032	0.05	0.7	42	0.2	55
1078057	0.49	578	1.8	0.005	30.6	0.054	26.8	0.025	3.1	2	0.25	30	0.1	4.9	0.022	0.2	0.9	50	0.2	77
1078058	0.52	563	1.3	0.006	32.2	0.046	36.5	0.025	4.3	3.7	0.25	32	0.1	9.1	0.037	0.2	1.2	42	0.1	93
1078059	0.31	338	1.1	0.005	19.8	0.045	128.5	0.06	41.9	0.7	0.25	18	0.1	4	0.018	0.1	0.9	31	0.2	102
1078060	0.38	485	1	0.005	23	0.049	23.2	0.025	1.5	1.7	0.25	25	0.1	5.3	0.032	0.1	1	32	0.2	73
1078061	0.33	263	0.6	0.004	20.6	0.03	12.6	0.025	1.2	1.3	1.1	7	0.1	3.8	0.016	0.1	0.6	24	0.1	52
1078062	2.06	449	0.3	0.006	188.4	0.079	33.1	0.025	2	7.3	0.8	96	0.1	3.6	0.129	0.5	0.7	123	0.1	151
1078063	0.34	389	0.5	0.003	20.6	0.04	19.3	0.025	0.7	1.7	0.6	8	0.1	4.5	0.024	0.05	0.5	28	0.1	46
1078064	0.17	468	0.7	0.004	34.2	0.043	33.9	0.025	21.1	1	0.25	4	0.1	12.9	0.002	0.05	3	9	0.05	102
1078065	0.32	294	0.9	0.003	24.5	0.053	16	0.025	3.1	1.1	0.6	7	0.1	2.3	0.008	0.1	1.2	25	0.1	64
1078066	0.13	630	1.1	0.002	35.7	0.039	26.4	0.025	3.3	2	0.25	7	0.1	13.5	0.004	0.1	2	11	0.05	101
1078067	0.29	258	0.9	0.003	16.6	0.045	16.6	0.05	1.2	1	0.6	9	0.1	1.5	0.013	0.1	0.8	33	0.2	52

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1078068	412713	7086232	8N	0.05	1.35	11.5	4.1	0.5	101	0.3	0.08	0.2	15.7	52	28	2.93	4	0.02	0.13	21
1078069	412761	7086252	8N	0.05	1.1	13	1.5	0.5	64	0.2	0.05	0.2	7.5	25	19.5	2.19	3	0.03	0.06	17
1078070	412807	7086273	8N	0.05	0.94	10.2	0.25	1	67	0.2	0.06	0.1	6.7	17	12.6	1.93	3	0.02	0.04	9
1078071	413786	7083741	8N	0.05	1.37	11.8	3.3	1	80	0.3	0.07	0.1	11.8	23	26.3	2.72	4	0.04	0.06	24
1078072	413779	7083818	8N	0.05	1.11	10.6	8.7	1	72	0.3	0.14	0.2	8.3	20	22.8	2.39	3	0.03	0.07	22
1078073	413767	7083891	8N	0.1	1.08	9.9	3.9	0.5	53	0.4	0.04	0.05	10.7	13	29.1	2.95	3	0.02	0.11	32
1078074	413764	7083967	8N	0.1	0.86	10.4	2.9	1	46	0.5	0.09	0.05	15.7	9	45.4	3.38	2	0.02	0.13	49
1078075	413758	7084045	8N	0.8	0.82	22.6	6.9	0.5	52	0.5	0.12	0.3	16.5	12	41.5	4.02	2	0.05	0.13	36
1078077	413752	7084120	8N	0.1	0.99	17.4	3.3	1	90	0.4	0.07	0.2	15.9	16	33.2	3.18	3	0.1	0.11	29
1078078	413750	7084195	8N	0.05	1.36	11.8	1.9	1	101	0.2	0.09	0.2	11	24	20.1	2.4	4	0.03	0.05	16
1078079	413752	7084270	8N	0.05	1.47	12	2.3	1	94	0.2	0.07	0.1	10	24	19	2.53	4	0.04	0.04	15
1078080	413752	7084347	8N	0.05	1.27	10	3.6	0.5	70	0.2	0.07	0.05	6.2	24	17.3	2.33	4	0.04	0.04	15
1078081	413752	7084422	8N	0.05	1.01	8.9	2.2	1	77	0.2	0.16	0.3	9.6	23	31.2	2.6	3	0.03	0.06	18
1078082	413770	7084498	8N	0.05	1.33	10.3	1.8	1	72	0.2	0.12	0.2	11.2	24	20.4	2.49	3	0.03	0.05	15
1078083	413792	7084571	8N	0.05	1.16	10	10.3	1	70	0.2	0.08	0.05	7.3	24	24.7	2.41	4	0.03	0.04	15
1078084	413804	7084647	8N	0.05	1.46	15	6.9	0.5	93	0.2	0.11	0.3	11.4	30	29.8	2.79	4	0.02	0.06	18
1078085	413830	7084719	8N	0.05	1.38	10.8	2.3	1	98	0.2	0.18	0.1	10.4	26	23.8	2.51	4	0.04	0.06	17
1078086	413841	7084795	8N	0.05	1.44	11.1	3.1	1	98	0.2	0.12	0.2	11.5	26	26.7	2.63	4	0.03	0.05	15
1078087	413848	7084871	8N	0.05	1.44	11.2	2.2	1	94	0.2	0.11	0.05	9.2	27	24.7	2.62	4	0.03	0.04	15
1078088	413880	7084939	8N	0.05	1.46	10.7	2.4	1	138	0.2	0.13	0.1	11.3	30	18.4	2.66	5	0.04	0.1	24
1078089	413919	7085004	8N	0.1	1.12	11.6	9	1	142	0.2	0.32	0.5	15.9	39	39	3.61	4	0.02	0.15	40
1078090	413971	7085059	8N	0.1	1.19	14.8	10.5	1	265	0.3	0.54	0.5	10.3	37	21.1	4.03	4	0.03	0.09	44
1078091	414000	7085129	8N	0.05	1.28	10	9.7	2	148	0.6	0.29	0.3	14	28	22.7	3.18	3	0.04	0.11	126
1078092	414030	7085173	8N	0.1	1.39	11	5.4	1	263	0.4	0.25	0.3	13.8	42	26.4	3.33	5	0.04	0.18	90
1078093	414059	7085217	8N	0.05	1.21	10.7	7.8	2	164	0.3	0.22	0.2	6.7	25	15.1	2.4	5	0.03	0.08	39
1078094	414084	7085260	8N	0.05	1.11	9.8	7.4	1	129	0.3	0.12	0.05	6.6	28	13.6	2.34	4	0.03	0.07	29
1078101	414426	7072989	8N	0.6	1.88	338.7	1164.5	3	150	4.2	0.18	13.1	12.5	28	149.3	3.08	6	0.04	0.24	32
1078102	414406	7073035	8N	0.4	1.7	182.1	10.7	3	129	2.2	0.13	7.6	9.1	27	124	2.69	5	0.06	0.12	24
1078103	414387	7073081	8N	0.4	1.77	149.4	20.9	3	162	1.6	0.14	7	9.3	28	95	2.67	6	0.04	0.1	23
1078104	414367	7073126	8N	0.9	1.68	367.9	24	2	142	3.5	0.16	6.3	12	27	120.4	2.8	6	0.08	0.13	22
1078105	414349	7073174	8N	0.9	1.84	340.4	8.2	3	188	4.4	0.19	5.8	15.5	28	148.7	2.89	6	0.05	0.13	21
1078106	414330	7073220	8N	0.3	1.48	82.5	0.25	2	142	0.6	0.13	1.7	9.5	22	27.4	2.38	5	0.02	0.09	17
1078107	414311	7073266	8N	0.2	1.44	49.9	1.3	1	166	0.3	0.23	1.4	8	21	20.3	2.22	5	0.04	0.08	19
1078108	414291	7073313	8N	0.1	1.36	83.8	1	0.5	162	0.3	0.25	0.5	7.6	21	18.2	2.22	4	0.03	0.07	18
1078109	414272	7073359	8N	0.4	1.31	94	7.6	1	196	0.5	0.33	1	8.1	22	30.6	2.27	4	0.005	0.1	22
1078110	414253	7073405	8N	0.2	1.52	87.5	13.1	2	149	0.5	0.15	0.9	6.5	25	20.5	2.39	5	0.02	0.09	17
1078111	414233	7073451	8N	0.2	1.78	156.1	13.7	0.5	172	0.9	0.25	0.7	14.6	24	35.8	2.81	5	0.01	0.26	23
1078112	414215	7073499	8N	0.2	1.22	84.8	16.6	2	200	0.3	0.33	1.2	7.8	21	18.6	2.09	4	0.04	0.08	16
1078113	414195	7073544	8N	0.1	1.45	95.2	14.3	3	140	0.7	0.17	1.4	11	24	26	2.61	5	0.005	0.1	19
1078114	414175	7073590	8N	0.3	1.41	112.8	8.4	1	174	0.5	0.26	0.8	10.4	23	31.2	2.46	5	0.05	0.13	21
1078116	414157	7073637	8N	2.2	1.2	169.9	8.9	1	134	1.4	0.21	1.7	6.3	21	67.5	2.13	4	0.04	0.08	21
1078117	414136	7073684	8N	1.2	1.99	377.4	13.4	2	184	2.1	0.29	6.9	13.1	25	76	3.32	6	0.02	0.37	25
1078118	414116	7073730	8N	0.1	1.17	255.1	9.1	0.5	78	0.9	0.19	1.5	7	21	31	2.86	4	0.05	0.08	21
1078119	414098	7073777	8N	1	0.92	31.9	3	0.5	77	0.5	0.05	0.8	2.9	16	13.6	1.61	4	0.08	0.04	13
1078120	414077	7073822	8N	0.7	0.98	125.8	35	1	126	0.4	0.17	1.9	8.7	21	36.4	2.35	3	0.04	0.05	21
1078121	414058	7073869	8N	0.1	1.25	69.2	26.4	4	99	0.4	0.14	0.5	8.3	23	22	2.37	4	0.09	0.05	20

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1078068	0.57	540	1	0.003	29.8	0.043	22.8	0.025	2	1.6	0.8	14	0.1	3.9	0.031	0.2	0.9	39	0.2	68
1078069	0.35	247	0.6	0.003	21.6	0.041	17	0.06	1.1	1.1	0.6	7	0.1	1.6	0.015	0.1	0.8	29	0.2	52
1078070	0.28	277	0.7	0.003	16.2	0.031	11.2	0.025	0.7	0.9	0.8	6	0.1	1.2	0.012	0.05	0.4	26	0.1	41
1078071	0.39	485	1	0.004	24	0.056	19.8	0.025	1.9	1.7	0.5	9	0.1	4	0.018	0.05	1.3	32	0.2	73
1078072	0.34	315	1	0.004	23.2	0.065	18.6	0.025	1.7	1.6	0.25	12	0.1	4.9	0.032	0.05	0.9	34	0.2	70
1078073	0.26	494	0.9	0.003	20.5	0.053	34.9	0.025	5.2	0.7	0.25	8	0.1	4	0.006	0.1	1.6	21	0.1	72
1078074	0.31	580	0.6	0.003	33.1	0.042	32.7	0.025	4.6	1.2	0.25	16	0.1	15.1	0.002	0.05	2.3	8	0.05	102
1078075	0.18	828	0.8	0.004	35.3	0.045	54.7	0.025	10.5	1.4	0.25	22	0.1	5.6	0.002	0.1	1.7	13	0.05	136
1078077	0.22	913	1	0.005	25.5	0.063	33.7	0.025	4.9	1	0.6	10	0.1	2	0.008	0.2	2.1	27	0.1	86
1078078	0.38	382	0.9	0.004	20.6	0.058	14.7	0.025	1.5	2	0.6	9	0.1	2.6	0.028	0.05	1.1	36	0.2	62
1078079	0.36	408	0.9	0.003	17.9	0.044	12.3	0.025	1	1.9	0.7	8	0.1	2.1	0.026	0.05	0.9	39	0.3	58
1078080	0.34	196	1	0.003	15.1	0.044	11.7	0.025	0.8	1.6	0.5	7	0.1	1.4	0.023	0.05	0.8	38	0.2	46
1078081	0.42	309	1	0.004	26.7	0.07	13.4	0.025	1.4	1.5	0.6	13	0.1	4	0.035	0.05	0.7	35	0.2	68
1078082	0.37	563	0.9	0.003	20	0.075	10.8	0.025	0.7	1.7	0.25	10	0.1	2.4	0.03	0.05	0.7	37	0.2	66
1078083	0.38	243	1	0.003	18.9	0.048	11.1	0.025	1.3	1.4	0.25	8	0.1	1.3	0.023	0.05	0.7	39	0.2	51
1078084	0.45	448	1.1	0.004	22.5	0.058	23.3	0.025	6.1	1.9	0.7	11	0.1	1.5	0.029	0.1	0.8	47	0.2	68
1078085	0.41	377	0.8	0.004	20	0.05	14.9	0.025	1.8	1.7	0.8	16	0.1	1.4	0.026	0.05	0.7	42	0.2	55
1078086	0.45	459	1	0.004	20.6	0.05	10.5	0.025	0.9	2.1	0.25	10	0.1	2.4	0.03	0.05	0.7	42	0.2	63
1078087	0.41	322	1.2	0.004	17.9	0.043	9.9	0.025	0.8	1.9	0.25	9	0.1	2	0.028	0.05	0.7	45	0.2	52
1078088	0.48	484	1.3	0.004	17.5	0.057	13.8	0.025	1.6	2.1	0.25	16	0.1	1.7	0.042	0.2	0.7	60	0.2	53
1078089	0.46	1037	2.3	0.005	39.6	0.128	15.7	0.025	1.8	3.5	0.7	52	0.1	9.6	0.056	0.2	1.5	50	0.3	110
1078090	0.41	2107	2.6	0.006	27	0.225	43	0.025	2.4	2.7	0.7	115	0.1	6.5	0.046	0.05	2.9	55	0.6	113
1078091	0.42	1818	7.7	0.005	26.6	0.123	43.8	0.025	1.7	2.8	0.5	48	0.1	7	0.055	0.1	1.1	51	0.3	153
1078092	0.54	1150	5.6	0.006	33.6	0.094	34.5	0.025	1.7	3.9	0.25	45	0.1	6.3	0.073	0.2	1.1	64	0.2	120
1078093	0.38	494	2.6	0.005	15.9	0.055	19.8	0.025	1	1.9	0.25	36	0.1	2	0.035	0.1	0.8	48	0.2	67
1078094	0.34	512	2.6	0.004	14.9	0.044	16.7	0.025	0.8	1.5	0.6	18	0.1	1.6	0.031	0.1	0.7	49	0.2	56
1078101	0.47	510	0.8	0.023	22.3	0.067	16.5	0.15	0.6	2.6	0.6	39	0.1	13.1	0.052	1	2.1	34	5	1398
1078102	0.44	435	0.6	0.014	20.9	0.049	16.5	0.11	0.6	2.5	0.6	25	0.1	7.4	0.046	0.7	1.8	37	2.6	992
1078103	0.47	480	0.8	0.009	22.8	0.05	12.4	0.08	0.6	2.5	2.1	20	0.1	4.6	0.039	0.5	1.4	40	2.5	800
1078104	0.4	471	0.8	0.012	25.3	0.059	12.9	0.08	0.7	2	0.7	50	0.1	5.7	0.036	0.5	1.5	40	4.9	661
1078105	0.4	603	1.2	0.012	31.2	0.063	14.3	0.07	0.8	2.2	0.25	31	0.3	7.3	0.037	0.4	1.8	39	4.7	842
1078106	0.36	646	1.1	0.006	19	0.059	36	0.08	0.5	1.6	0.8	15	0.1	3.9	0.027	0.2	0.9	34	0.6	291
1078107	0.37	441	0.5	0.007	19.5	0.051	14.6	0.025	0.6	1.8	0.25	22	0.1	4.4	0.033	0.2	0.9	34	0.4	211
1078108	0.39	375	1.1	0.007	17.2	0.055	23.3	0.025	0.6	1.7	1.2	21	0.1	2	0.028	0.2	1	36	0.4	98
1078109	0.39	490	1.1	0.009	24.6	0.068	37.3	0.025	0.7	2.1	1.3	29	0.1	5.4	0.04	0.3	1.3	34	0.5	130
1078110	0.4	395	1.2	0.008	20.2	0.054	17.9	0.09	0.6	1.7	0.6	20	0.1	2.1	0.028	0.3	1	38	0.3	107
1078111	0.56	486	0.8	0.011	33.1	0.063	17.4	0.025	0.7	2.6	0.8	43	0.1	9	0.044	0.6	1.8	31	0.6	121
1078112	0.37	413	0.7	0.01	19.1	0.059	10.9	0.06	0.5	1.8	0.25	28	0.1	2.1	0.024	0.3	0.8	31	0.6	96
1078113	0.46	359	0.9	0.009	24.8	0.061	10.3	0.08	0.6	2.1	1	21	0.1	6.2	0.043	0.4	0.8	35	0.6	229
1078114	0.43	477	0.7	0.013	25.3	0.057	11.4	0.06	0.7	2.2	0.8	40	0.1	6.5	0.035	0.6	1.1	33	0.5	131
1078116	0.4	404	0.7	0.008	19.3	0.061	65.3	0.025	0.9	2.5	0.25	20	0.1	5.6	0.031	0.2	1.3	31	0.5	294
1078117	0.93	739	0.5	0.013	27.5	0.074	86	0.07	0.7	2.6	0.8	48	0.1	10.1	0.044	2	1.7	30	0.6	762
1078118	0.34	257	0.7	0.006	19.1	0.047	53.3	0.025	1	1.5	0.25	18	0.3	6.7	0.039	0.4	1	38	0.6	176
1078119	0.13	182	1.1	0.004	7.5	0.055	52.8	0.08	0.5	0.8	1	7	0.1	0.6	0.011	0.4	0.6	34	0.3	100
1078120	0.38	860	0.6	0.004	22.9	0.069	108.6	0.025	1	1.6	0.5	14	0.1	6.1	0.028	0.2	1.1	37	1	269
1078121	0.41	533	1	0.004	19.3	0.07	44.2	0.06	1	1.5	0.25	13	0.1	2.7	0.025	0.2	0.9	40	0.6	128

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1078122	414038	7073914	8N	0.3	1.81	47.2	2.7	3	86	0.4	0.16	0.4	10.2	29	28.5	2.3	6	0.07	0.16	27
1078123	414019	7073960	8N	0.6	1.51	182.1	19.5	1	166	0.7	0.26	2.2	15	26	47	2.75	5	0.06	0.11	27
1078124	414000	7074007	8N	0.4	1.57	206.9	20.1	0.5	106	0.9	0.23	2.5	17.6	24	55.1	2.95	5	0.03	0.18	29
1078125	413962	7074099	8N	0.3	1.24	90.8	23.4	2	137	0.4	0.18	1	10.2	27	33.8	2.25	3	0.04	0.08	20
1078126	413981	7074054	8N	0.2	1.18	86.2	7.7	2	128	0.6	0.17	1.2	8.9	42	22.8	2.15	4	0.04	0.11	17
1078127	413941	7074146	8N	0.2	1.23	132.8	14	0.5	105	0.4	0.12	1.7	8.5	22	20.5	2.13	4	0.01	0.08	17
1078128	413903	7074238	8N	1.1	1.23	261.2	6.5	0.5	106	0.9	0.44	3.5	6.6	21	36	2.31	4	0.02	0.07	24
1078129	413883	7074284	8N	1.6	1.65	48.6	14.5	1	205	0.5	0.29	2.9	18.1	29	70.2	3.3	6	0.02	0.14	21
1078130	413864	7074330	8N	0.4	1.21	103	9.1	0.5	192	0.3	0.41	0.4	6.9	21	16.8	2.23	4	0.05	0.08	24
1078138	414449	7072949	8N	0.9	2.13	231.8	11.6	3	174	5.3	0.2	13.4	15.4	29	142.8	2.96	7	0.06	0.21	29
1078151	413061	7079494	8N	0.05	1.05	12.1	4.2	0.5	129	0.2	0.16	0.3	7.5	22	27.6	2.23	3	0.03	0.04	21
1078152	413086	7079538	8N	0.05	1.05	13.3	1.9	1	220	0.2	0.17	0.4	8.3	21	26.5	2.37	3	0.04	0.05	22
1078153	413122	7079575	8N	0.05	1.15	11.2	9.5	0.5	190	0.2	0.14	0.2	7.3	18	29	2.01	3	0.04	0.04	17
1078154	413165	7079603	8N	0.1	1.33	9.4	1.8	1	181	0.2	0.14	0.1	7.4	25	21.2	2.22	4	0.03	0.04	18
1078155	413199	7079638	8N	0.05	1.18	10.5	2.4	0.5	202	0.2	0.17	0.1	8.3	22	23.4	2.18	3	0.04	0.04	20
1078156	413238	7079671	8N	0.05	1.24	10.7	1.9	1	169	0.2	0.12	0.1	8.9	23	26	2.26	4	0.03	0.04	23
1078157	413279	7079708	8N	0.05	1.1	10.8	2	1	99	0.2	0.09	0.05	5.3	19	19.4	1.97	3	0.03	0.03	17
1078158	413324	7079731	8N	0.05	1.23	15.1	2.1	1	109	0.2	0.16	0.2	8.5	22	19.7	2.19	4	0.03	0.04	19
1078273	404336	7076877	8N	0.1	0.64	6	4	1	47	0.3	4.32	0.2	12.1	9	21.8	2.91	1	0.02	0.03	34
1078274	404434	7077330	8N	0.4	1.12	32.1	0.9	2	113	0.3	0.16	0.8	9.8	17	25	2.64	3	0.03	0.05	33
1078275	404455	7077373	8N	0.1	0.91	14.7	0.6	2	105	0.3	0.2	0.4	8.5	16	16.2	2.22	3	0.03	0.03	23
1078276	404477	7077418	8N	0.1	1.08	21.2	1	1	115	0.3	0.22	0.5	11	17	19.8	2.37	3	0.02	0.06	23
1078277	404497	7077465	8N	0.1	0.98	17.5	13.5	2	101	0.3	0.28	0.5	10.4	16	20.2	2.49	3	0.04	0.05	18
1078278	404518	7077510	8N	0.2	0.97	24.8	1.6	0.5	90	0.3	0.23	1.3	11.7	16	22.9	2.95	2	0.03	0.05	27
1078279	404541	7077556	8N	0.3	1.07	23.9	15.6	1	114	0.2	0.29	1.4	9.8	18	18.8	2.7	3	0.03	0.04	21
1078280	404561	7077599	8N	0.3	1.28	33.2	3.1	0.5	148	0.3	0.18	1.5	9.2	20	19.2	2.48	3	0.04	0.04	21
1078281	404582	7077644	8N	6.4	1.25	156.2	15.9	2	68	0.4	0.21	9.5	11.4	16	46.3	3.25	3	0.03	0.06	37
1078282	404605	7077694	8N	0.5	1.39	21.9	2.3	1	124	0.2	0.24	0.6	10.5	21	31.7	2.52	3	0.03	0.04	22
1078283	404626	7077738	8N	0.1	1.22	22.5	3.4	2	96	0.2	0.12	0.3	7.4	20	17.5	2.21	4	0.04	0.05	19
1078284	404646	7077782	8N	0.3	1.25	33.6	3.7	0.5	97	0.2	0.19	0.4	10.5	20	22.3	2.37	3	0.04	0.05	22
1078285	404668	7077827	8N	0.1	1.31	14.8	1.1	0.5	80	0.2	0.11	0.3	9	22	25.6	2.37	4	0.04	0.04	20
1078286	404688	7077869	8N	0.1	1.22	16.5	3.8	1	96	0.2	0.14	0.3	11.8	23	34.8	2.6	3	0.03	0.04	22
1078287	404711	7077916	8N	0.1	1.26	15.5	6.9	0.5	83	0.2	0.08	0.2	7.9	24	20.5	2.3	4	0.04	0.04	17
1078288	404731	7077961	8N	0.05	1.35	14.3	5.8	1	77	0.2	0.09	0.2	7.7	23	27.7	2.34	4	0.03	0.04	19
1078289	404752	7078009	8N	0.2	1.3	37.5	7.4	2	71	0.3	0.1	0.8	8.7	23	20.6	2.42	4	0.05	0.04	18
1078290	404772	7078055	8N	0.2	1.25	31.3	8.5	0.5	62	0.3	0.1	0.6	8.3	21	25.6	2.31	4	0.03	0.03	19
1078292	404815	7078143	8N	0.2	1.27	25.8	4.2	2	54	0.2	0.09	0.4	12.8	23	19.8	2.61	4	0.03	0.03	21
1078293	404836	7078188	8N	0.05	1.21	38.9	7.2	0.5	61	0.2	0.09	0.3	9.2	21	20.5	2.25	4	0.02	0.04	20
1078294	404857	7078231	8N	0.05	1.11	38.7	13.4	0.5	53	0.2	0.08	0.2	8.1	20	13.1	2.18	4	0.03	0.04	19
1078295	404748	7078234	8N	0.1	1.25	14.9	1	0.5	82	0.2	0.12	0.6	9.1	21	26.6	2.38	4	0.03	0.04	21
1078296	404767	7078273	8N	0.1	1.17	21.1	1.2	0.5	80	0.2	0.11	0.7	7.9	21	21.3	2.17	4	0.03	0.04	19
1078297	401842	7076497	8N	0.3	1.06	201.8	13.4	0.5	65	0.3	0.08	0.4	15	17	31.5	3.14	3	0.02	0.05	21
1078298	401863	7076542	8N	0.4	1.11	253.1	16.5	0.5	49	0.4	0.08	0.3	7.1	20	41	3.32	4	0.02	0.04	33
1078299	401886	7076588	8N	0.7	0.72	255.4	16.2	0.5	62	0.4	0.07	0.9	12.3	14	31.2	3.13	2	0.02	0.04	27
1078300	401906	7076632	8N	1.5	0.82	199.4	33.2	0.5	91	0.5	0.06	0.6	11	15	27.7	3.01	3	0.03	0.05	23
1078301	404133	7075261	8N	3.1	1.29	308.4	15.7	2	65	1.5	0.12	1.7	16.8	27	41.4	3.31	4	0.03	0.06	21

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1078122	0.74	564	0.9	0.024	22.9	0.089	49.1	0.11	0.7	2.2	1.4	17	0.2	3.1	0.04	1	1	40	1.6	100
1078123	0.62	1573	1.1	0.016	33.3	0.088	116.7	0.06	0.9	2.4	1.4	29	0.1	5	0.031	0.4	1.7	36	0.9	297
1078124	0.55	1459	0.4	0.01	41.4	0.055	37.5	0.05	0.6	2.6	0.25	50	0.1	10.9	0.034	0.6	1.8	24	0.7	388
1078125	0.49	569	0.7	0.008	23.4	0.08	20.4	0.06	0.6	2.2	1.9	16	0.1	5.8	0.035	0.2	1.2	39	0.6	132
1078126	0.54	583	1.5	0.008	21.9	0.072	21.4	0.06	0.6	1.5	0.8	17	0.1	3.2	0.036	0.3	0.9	35	0.4	132
1078127	0.41	619	0.7	0.009	20.3	0.053	31.8	0.025	0.5	1.5	1.2	13	0.3	4.1	0.023	0.2	1	29	0.4	175
1078128	0.36	553	0.4	0.004	20.5	0.059	68.3	0.05	0.7	1.8	0.25	22	0.1	2.9	0.009	0.3	2	27	0.1	419
1078129	0.72	599	0.5	0.018	57.3	0.066	41.7	0.07	0.7	3.8	0.7	36	0.1	13.9	0.045	0.4	1.5	29	0.2	265
1078130	0.37	527	0.8	0.005	21.6	0.064	33.3	0.06	0.5	1.8	1.1	28	0.1	4.5	0.013	0.2	0.9	27	0.2	143
1078138	0.46	805	0.6	0.011	27.5	0.082	28.5	0.1	0.7	2.3	1.4	25	0.1	7.4	0.041	1	1.8	41	5.6	1286
1078151	0.38	299	0.8	0.005	22.7	0.07	10.7	0.025	1	2.6	0.25	14	0.1	4.8	0.041	0.05	1.1	40	0.3	63
1078152	0.38	354	0.8	0.005	25.1	0.068	11.6	0.025	0.9	2.8	0.25	16	0.1	5.4	0.041	0.05	1	38	0.2	69
1078153	0.35	328	0.7	0.005	21.4	0.06	8.9	0.025	0.7	3	0.25	15	0.1	4	0.042	0.05	0.9	35	0.2	62
1078154	0.46	212	0.7	0.006	18.1	0.051	10.4	0.025	0.6	2.6	0.25	16	0.1	3.6	0.033	0.05	1	39	0.2	57
1078155	0.45	261	0.7	0.006	18.8	0.048	10.3	0.025	0.7	2.3	0.25	17	0.1	4.8	0.037	0.05	1.2	35	0.1	57
1078156	0.46	278	0.9	0.005	20.3	0.046	11.5	0.025	0.7	2.4	0.25	14	0.1	4.9	0.037	0.05	1.2	35	0.1	63
1078157	0.34	151	0.7	0.003	13.1	0.049	10.5	0.025	0.6	1.8	0.25	9	0.1	3.1	0.018	0.05	1.1	31	0.2	45
1078158	0.42	245	0.9	0.005	19.5	0.06	12.3	0.025	0.7	1.7	0.25	14	0.1	3.7	0.03	0.05	1.2	36	0.2	53
1078273	0.25	415	0.4	0.003	28.4	0.071	19.3	0.025	0.3	2.1	0.25	158	0.1	6.5	0.008	0.05	0.9	11	0.05	62
1078274	0.34	518	0.5	0.004	26.3	0.043	32.7	0.025	0.5	1.8	0.25	13	0.1	6.6	0.014	0.05	1.3	23	0.2	118
1078275	0.27	547	0.6	0.004	20.4	0.059	21.9	0.025	0.4	1.2	0.25	15	0.1	3.3	0.016	0.05	0.9	28	0.2	63
1078276	0.33	593	0.6	0.006	22.5	0.054	29.6	0.025	0.4	1.4	0.25	17	0.1	4.1	0.016	0.05	1	26	0.1	78
1078277	0.28	638	0.6	0.005	21.1	0.064	29.8	0.025	0.4	1.3	0.25	19	0.1	2.8	0.015	0.05	0.9	27	0.2	77
1078278	0.3	755	0.5	0.004	25.8	0.063	48.8	0.025	0.5	1.9	0.6	19	0.1	6.3	0.014	0.05	1.2	23	0.3	126
1078279	0.34	741	0.6	0.005	24	0.073	71.6	0.025	0.5	1.6	0.5	20	0.1	3.8	0.016	0.05	1	27	0.2	132
1078280	0.39	578	0.7	0.005	22.5	0.058	62	0.025	0.5	2.2	0.25	14	0.1	3.6	0.018	0.05	1.1	32	0.2	259
1078281	0.74	887	0.4	0.003	30.2	0.071	1115	0.025	3.3	2.3	0.25	13	0.1	11.8	0.012	0.1	1.2	19	0.2	1076
1078282	0.44	566	0.7	0.005	27.6	0.075	32.2	0.025	0.6	2	0.25	15	0.1	4.9	0.029	0.05	1	35	0.2	137
1078283	0.32	327	0.6	0.005	18.5	0.057	17.5	0.025	0.6	1.8	0.6	10	0.1	2	0.028	0.05	0.8	34	0.1	63
1078284	0.35	647	0.7	0.006	25.8	0.087	16.5	0.025	0.8	2.2	0.25	14	0.1	6.8	0.039	0.05	0.9	34	0.3	93
1078285	0.37	415	0.9	0.004	19.1	0.052	16.9	0.025	0.5	1.7	0.25	11	0.1	3	0.032	0.05	0.9	37	0.2	66
1078286	0.43	733	0.9	0.004	28.4	0.064	12.4	0.025	0.7	2	0.25	12	0.1	6.2	0.035	0.05	1	34	0.1	72
1078287	0.35	414	0.9	0.005	15.2	0.045	12.4	0.025	0.5	1.4	0.25	9	0.1	1.2	0.032	0.05	0.7	43	0.1	50
1078288	0.36	326	0.9	0.005	16.5	0.048	11.8	0.025	0.5	1.5	0.25	10	0.1	1.9	0.032	0.05	0.8	38	0.2	50
1078289	0.36	402	1.1	0.005	16.7	0.05	25	0.025	0.6	1.3	0.6	10	0.1	1.7	0.029	0.05	0.8	39	0.2	97
1078290	0.35	403	0.9	0.004	17.6	0.049	16.6	0.025	0.5	1.2	0.25	9	0.1	1.9	0.025	0.05	0.8	36	0.2	82
1078292	0.39	757	1	0.004	19.8	0.053	31.4	0.025	0.5	1.4	0.25	9	0.1	2.6	0.021	0.05	0.8	36	0.2	83
1078293	0.35	442	0.9	0.004	17.8	0.053	14.2	0.025	0.7	1.2	0.25	8	0.1	2.5	0.022	0.05	0.8	30	0.1	59
1078294	0.33	437	0.9	0.004	13	0.045	23.8	0.025	0.8	0.9	0.5	8	0.1	1	0.02	0.05	0.6	35	0.2	50
1078295	0.37	478	0.9	0.004	18.9	0.055	31.8	0.025	0.6	1.7	0.25	11	0.1	2.8	0.031	0.05	0.8	36	0.2	108
1078296	0.33	372	1	0.005	16	0.05	37.8	0.025	0.9	1.3	0.25	10	0.1	1.9	0.027	0.05	0.8	35	0.2	97
1078297	0.32	536	0.8	0.005	16.8	0.073	21.4	0.06	0.8	1.1	0.25	12	0.1	5.7	0.011	0.1	1.4	21	0.2	79
1078298	0.41	331	0.7	0.005	17.3	0.072	20.3	0.025	1.1	1.3	0.25	12	0.1	9.2	0.014	0.05	1.7	20	0.3	89
1078299	0.2	444	0.6	0.003	29.3	0.057	22.4	0.025	1.8	1.4	0.8	8	0.1	8.9	0.008	0.1	1.6	16	0.1	136
1078300	0.19	558	0.7	0.004	21.7	0.068	61.6	0.06	2.3	1.3	1	8	0.1	4.1	0.006	0.2	1.4	21	0.2	121
1078301	0.56	810	0.6	0.003	32.4	0.056	68.3	0.025	1.4	1.9	0.6	18	0.1	12.5	0.007	0.05	1.9	20	0.1	226

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1078302	404155	7075306	8N	0.7	1.03	244.5	15	0.5	72	0.5	0.15	1	10.9	16	31.6	2.69	3	0.005	0.04	16
1078303	404176	7075352	8N	0.4	1.33	226.2	7.2	0.5	97	0.5	0.06	0.3	14.2	18	34	2.97	4	0.005	0.06	17
1078304	404198	7075398	8N	0.6	1.29	170.9	8	2	115	0.5	0.09	0.3	12.4	19	34.3	2.94	4	0.02	0.05	15
1078305	404216	7075444	8N	0.2	0.86	118.3	6.5	1	50	0.3	0.06	0.4	9.6	14	22.8	2.3	3	0.02	0.04	14
1078306	404239	7075489	8N	0.6	0.96	193.4	9	0.5	76	0.4	0.12	1	11.3	16	32.8	2.73	3	0.005	0.04	22
1078307	404260	7075534	8N	0.3	1.26	92.6	4.6	1	99	0.3	0.11	0.3	10.4	20	27.1	2.53	4	0.03	0.04	16
1078308	404281	7075580	8N	0.2	1.23	126.5	6.4	0.5	144	0.4	0.12	0.4	12.4	21	29.5	2.78	4	0.03	0.04	12
1078309	404302	7075625	8N	0.2	0.94	47.7	10.3	0.5	76	0.2	0.12	0.4	10.7	18	27.4	2.44	3	0.02	0.03	13
1078310	404323	7075671	8N	0.2	1.24	67.4	4.6	1	87	0.3	0.1	0.5	11	22	27.2	2.69	4	0.01	0.03	15
1078311	404344	7075716	8N	0.2	1.12	42.3	2.1	0.5	60	0.3	0.12	0.8	12.7	18	37	2.67	3	0.03	0.04	15
1078312	404365	7075760	8N	0.4	0.57	50.3	1.3	0.5	73	0.3	0.14	3.9	17	12	42	3.04	2	0.01	0.05	27
1078313	404386	7075808	8N	0.2	0.95	139.2	1.6	0.5	71	0.3	0.1	0.5	7.5	17	24.9	2.23	3	0.04	0.05	15
1078314	404407	7075852	8N	0.05	1.18	60.2	2.7	0.5	66	0.2	0.06	0.4	10	20	19	2.54	3	0.03	0.04	11
1078315	404429	7075897	8N	0.3	0.81	39.1	4.9	0.5	79	0.3	0.06	0.4	4.9	14	14.4	2.03	3	0.04	0.03	13
1078316	404448	7075943	8N	0.2	1.11	49.5	5.9	0.5	70	0.3	0.07	0.5	6.9	18	26.8	2.48	3	0.03	0.04	19
1078317	404469	7075987	8N	0.2	1.03	27.6	1.1	0.5	89	0.4	0.1	1.3	10.3	15	24.8	2.73	3	0.04	0.05	19
1078318	404491	7076034	8N	0.05	1.05	10.2	0.6	0.5	92	0.3	0.11	0.5	7.5	15	35.1	2.13	3	0.04	0.04	28
1078319	404513	7076079	8N	0.4	1.18	73	5.6	2	116	0.4	0.16	0.5	13.4	19	33.8	2.84	3	0.03	0.06	32
1078320	404533	7076124	8N	0.2	1.24	78.9	3	0.5	98	0.3	0.23	1	10.9	16	27.7	2.77	3	0.04	0.05	21
1078321	404556	7076169	8N	0.05	0.99	48.9	3.7	2	93	0.2	0.12	0.4	8.5	16	21.7	2.32	3	0.03	0.03	14
1078322	404576	7076214	8N	0.05	0.86	40.2	1.2	1	86	0.2	0.1	0.5	7.5	13	16.6	2.14	2	0.01	0.03	13
1078323	404597	7076259	8N	0.1	0.96	35	3.7	0.5	85	0.3	0.1	0.6	10.9	15	24.7	2.59	3	0.02	0.03	16
1078324	404619	7076306	8N	0.1	0.84	32.5	2.6	2	64	0.2	0.06	0.2	5.6	12	12.3	1.8	3	0.02	0.04	11
1078325	404640	7076350	8N	0.05	0.86	17.4	2.1	0.5	73	0.2	0.07	0.3	5.8	15	13	2.18	3	0.02	0.02	8
1078326	404662	7076397	8N	0.2	1.01	42	2.5	1	113	0.3	0.1	1	8.1	15	24.1	2.67	3	0.01	0.03	15
1078327	404682	7076441	8N	0.3	0.98	68.2	3.4	0.5	67	0.3	0.07	2.5	6.2	15	17.5	2.16	3	0.04	0.03	12
1078328	404704	7076486	8N	0.1	0.98	10.6	0.25	0.5	62	0.3	0.05	0.4	5.4	15	11.8	2.16	4	0.04	0.03	9
1078329	404726	7076532	8N	0.5	1	24.2	0.25	1	67	0.3	0.08	1.2	8.8	14	23.2	2.67	3	0.02	0.03	13
1078330	404748	7076578	8N	0.5	0.47	60.7	11	1	43	0.3	0.26	1.5	14.1	6	32.8	3.1	1	0.02	0.03	34
1078331	404768	7076621	8N	0.5	0.52	138.2	6	0.5	47	0.4	0.33	3.9	12.9	5	25	3.02	1	0.03	0.06	27
1078332	404970	7076582	8N	0.9	0.6	112.9	2.9	3	81	0.3	0.22	10.5	11	10	24	2.82	2	0.02	0.09	30
1078333	404991	7076627	8N	0.8	0.88	57.4	11.5	3	100	0.3	0.31	9.7	7.8	15	20.8	2.53	2	0.02	0.09	28
1078334	405012	7076673	8N	1.6	0.55	68.5	5.9	1	68	0.3	0.41	12.4	9.7	9	23.9	2.85	1	0.01	0.07	31
1078335	405033	7076718	8N	2	0.76	83.6	8.8	1	57	0.7	0.27	25.6	12.9	12	32	4.06	2	0.04	0.05	25
1078337	405054	7076763	8N	0.4	1.12	22.5	4.1	2	91	0.2	0.13	2.3	8.5	17	22.4	2.57	3	0.02	0.05	26
1078338	405075	7076809	8N	0.4	1.18	22.5	4.2	0.5	121	0.3	0.25	1.2	10.3	21	23.6	2.72	4	0.02	0.06	27
1078339	405096	7076855	8N	0.2	1.28	15	4.2	2	94	0.2	0.17	0.8	7.8	23	25.1	2.49	4	0.01	0.05	21
1078340	405116	7076900	8N	0.3	1.13	19	2.4	2	101	0.3	0.14	0.7	10.8	20	27.5	2.68	4	0.02	0.05	33
1078341	405138	7076946	8N	0.3	1.35	16.2	3.6	1	123	0.3	0.15	1	13.1	24	36.4	3.24	4	0.03	0.05	21
1078342	405158	7076991	8N	0.2	1.6	15.8	4.2	0.5	110	0.2	0.1	0.6	8.6	29	25.9	3.25	5	0.04	0.05	16
1078343	405180	7077037	8N	0.1	1.22	18.9	14.9	1	72	0.3	0.1	0.9	8.9	22	27.5	2.35	4	0.02	0.05	24
1078345	405201	7077082	8N	0.2	1.38	12.2	4.8	1	79	0.3	0.1	0.8	10.7	23	25.3	2.61	4	0.02	0.04	26
1078346	405221	7077128	8N	0.2	1.4	10.1	1.7	0.5	56	0.2	0.09	0.6	6.6	23	20	2.59	5	0.01	0.04	30
1078347	405242	7077173	8N	0.2	1.31	11.2	2.8	1	93	0.2	0.14	0.3	8.3	25	22.4	2.31	4	0.03	0.03	20
1078348	405263	7077218	8N	0.2	1.24	17	3.3	0.5	86	0.2	0.11	0.4	9.9	26	30	2.39	4	0.03	0.04	23
1078349	405284	7077263	8N	0.05	1.1	20.4	3.2	0.5	68	0.2	0.07	0.3	5.7	23	16.9	2.22	4	0.03	0.04	17

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1078302	0.42	557	0.7	0.003	28.3	0.05	50.8	0.025	0.7	1.5	0.8	13	0.1	8.4	0.006	0.05	1.7	16	0.3	120
1078303	0.52	764	0.8	0.003	25.6	0.043	46.1	0.025	0.7	1.4	0.9	14	0.1	8.1	0.005	0.05	1.7	18	0.2	124
1078304	0.46	648	0.5	0.003	27.5	0.052	36.5	0.025	0.7	1.5	0.8	13	0.1	9	0.004	0.1	1.9	18	0.1	98
1078305	0.31	498	0.5	0.003	20.4	0.048	34.3	0.025	0.6	0.7	0.25	9	0.1	6.2	0.005	0.05	1	14	0.2	84
1078306	0.41	774	0.5	0.002	26.1	0.048	39.2	0.025	0.7	1.6	0.7	11	0.1	10.4	0.006	0.05	1.6	19	0.1	131
1078307	0.45	566	0.8	0.003	25	0.045	25.4	0.025	0.6	1.8	0.8	10	0.1	5.8	0.012	0.05	1.3	28	0.2	83
1078308	0.37	777	1	0.004	22.8	0.071	32.1	0.025	0.7	1.3	1.1	13	0.1	2.2	0.01	0.1	1.6	33	0.2	81
1078309	0.33	452	0.6	0.003	24.1	0.052	19.2	0.025	0.6	1.3	1	10	0.1	4.2	0.014	0.05	1.1	27	0.3	80
1078310	0.41	569	0.9	0.003	23	0.062	31.2	0.025	0.7	1.7	0.8	9	0.1	4.5	0.017	0.05	1.3	34	0.3	99
1078311	0.46	573	0.7	0.003	30.1	0.068	21.9	0.025	0.6	1.7	0.6	9	0.1	6.4	0.016	0.05	1.6	28	0.2	134
1078312	0.23	899	0.4	0.002	34.5	0.046	23.2	0.025	1.2	1.9	0.7	8	0.1	12.1	0.003	0.05	1.5	14	0.2	244
1078313	0.3	303	0.8	0.003	20.1	0.051	25.7	0.025	0.9	1.4	1.2	10	0.1	5.2	0.014	0.05	0.9	27	0.4	83
1078314	0.31	373	0.7	0.004	17.8	0.046	18.6	0.025	1	1.6	1	7	0.1	3.6	0.012	0.1	0.7	32	0.2	75
1078315	0.2	164	0.8	0.003	11.2	0.045	27.8	0.025	1.3	0.6	0.5	6	0.2	1.2	0.006	0.1	0.7	24	0.2	68
1078316	0.3	246	0.7	0.003	19.3	0.048	38.6	0.025	1.2	1.8	1.1	7	0.1	4.9	0.011	0.1	1	26	0.2	112
1078317	0.3	391	0.9	0.003	25.9	0.052	25.5	0.025	1.5	1.3	1	9	0.1	4.3	0.011	0.1	0.8	23	0.2	179
1078318	0.46	284	0.4	0.003	25	0.05	11.1	0.025	0.6	1.9	0.9	8	0.1	9.4	0.013	0.05	0.7	19	0.2	82
1078319	0.36	653	1	0.005	32.9	0.068	44.3	0.025	1.4	2.3	0.25	12	0.1	8.1	0.018	0.1	1	27	0.2	95
1078320	0.38	521	0.7	0.003	29.1	0.054	26.8	0.025	0.9	1.5	1.2	14	0.1	6.2	0.008	0.05	1.3	20	1	120
1078321	0.3	473	0.7	0.003	22.5	0.044	20	0.025	0.7	1.4	1.3	9	0.1	4.1	0.008	0.05	0.8	23	0.2	85
1078322	0.25	440	0.7	0.003	18.8	0.043	16	0.025	0.9	1.1	0.25	8	0.1	3.6	0.007	0.05	0.8	21	0.2	123
1078323	0.33	636	0.5	0.003	27.3	0.052	22.3	0.025	0.6	1.2	0.8	9	0.1	6.5	0.008	0.05	0.9	19	0.2	88
1078324	0.18	282	0.5	0.003	13.5	0.058	22.4	0.025	0.5	0.7	0.9	6	0.2	1.7	0.005	0.05	0.7	20	0.1	55
1078325	0.26	239	0.8	0.003	14.6	0.032	18.2	0.025	0.6	1.1	1.1	7	0.1	2.3	0.013	0.05	0.5	27	0.2	55
1078326	0.32	395	0.6	0.003	23.6	0.053	28.3	0.025	0.8	1.4	1.1	8	0.1	5.7	0.005	0.05	0.9	21	0.1	154
1078327	0.26	393	0.8	0.003	18.4	0.045	43.5	0.025	1.1	1.5	0.8	7	0.1	3.3	0.013	0.05	0.6	25	0.2	368
1078328	0.21	260	0.9	0.003	13.3	0.035	53.6	0.025	0.7	1.1	0.9	6	0.1	2.1	0.013	0.05	0.5	34	0.2	65
1078329	0.25	379	0.6	0.003	22.5	0.049	115.8	0.025	1.1	1.2	0.8	7	0.2	4.5	0.006	0.05	0.8	21	0.1	175
1078330	0.12	782	0.4	0.003	32.7	0.058	62.2	0.025	2.3	1.5	0.8	17	0.1	12	0.006	0.05	1.2	9	0.05	181
1078331	0.12	736	0.4	0.004	28.5	0.054	65.9	0.025	1.7	1.7	0.8	17	0.1	13.2	0.004	0.05	1.1	5	0.05	384
1078332	0.22	880	0.5	0.004	27.2	0.043	97.2	0.025	1.6	1.6	0.6	15	0.1	10.8	0.01	0.05	0.9	12	0.2	473
1078333	0.28	532	0.7	0.006	21.8	0.049	85.5	0.05	1.5	1.9	0.25	20	0.1	7	0.013	0.05	0.9	20	0.2	459
1078334	0.15	696	0.4	0.004	24.5	0.056	228.2	0.025	2.1	1.7	1	16	0.1	9.5	0.006	0.1	0.9	12	0.2	880
1078335	0.27	803	0.8	0.005	31.2	0.065	274.1	0.025	2.2	2	0.25	15	0.1	10.3	0.011	0.05	0.9	14	0.1	2045
1078337	0.37	438	0.7	0.005	23.8	0.051	69.2	0.025	1.4	2.1	0.7	11	0.1	6	0.025	0.05	1.2	29	0.3	250
1078338	0.37	547	0.6	0.005	23.3	0.074	77.1	0.025	0.9	1.9	0.8	17	0.1	4.3	0.02	0.1	1.1	32	0.2	155
1078339	0.41	420	0.9	0.005	20.2	0.053	20.3	0.025	0.6	1.5	0.25	14	0.1	2.2	0.025	0.1	0.9	37	0.3	93
1078340	0.41	585	0.9	0.005	26.4	0.069	36.3	0.025	0.8	1.8	0.7	12	0.1	4.7	0.028	0.05	1.2	30	0.2	110
1078341	0.45	832	1.1	0.005	25.6	0.066	36.3	0.025	0.8	2.2	0.25	11	0.1	3	0.025	0.05	1.3	33	0.2	118
1078342	0.46	425	0.9	0.006	20.4	0.069	17.2	0.025	0.6	1.5	0.25	10	0.1	1.2	0.021	0.1	1	45	0.2	103
1078343	0.39	403	0.8	0.003	23.6	0.057	20.4	0.05	0.6	1.7	0.7	8	0.1	5.9	0.02	0.05	1.1	29	0.3	129
1078345	0.48	502	0.8	0.004	23	0.058	24	0.025	0.4	1.8	0.25	8	0.1	4.5	0.021	0.05	1.1	32	0.3	128
1078346	0.49	285	0.7	0.005	18.5	0.054	26.7	0.025	0.5	1.3	0.25	8	0.1	2.1	0.018	0.1	1	31	0.1	94
1078347	0.47	330	0.8	0.004	20.9	0.046	19.4	0.025	0.5	1.7	0.25	12	0.1	3.1	0.017	0.05	1	33	0.2	86
1078348	0.44	359	0.8	0.003	25.4	0.053	38.4	0.025	0.6	2	0.25	9	0.1	4.5	0.018	0.05	1.1	30	0.3	86
1078349	0.31	215	0.9	0.003	16.3	0.051	16.1	0.025	0.6	1.2	0.25	7	0.1	1.6	0.012	0.05	0.8	33	0.2	67

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1078350	405305	7077307	8N	0.2	1.43	19.9	3.1	2	81	0.3	0.08	0.3	8.4	26	21.6	2.64	5	0.04	0.04	26
1078451	405327	7077353	8N	0.1	1.15	56.9	7.8	1	65	0.2	0.08	0.6	7.8	22	22.6	2.44	4	0.04	0.04	20
1078452	405348	7077399	8N	0.1	1.03	45.4	7.6	0.5	71	0.2	0.07	0.4	7.8	20	19	2.35	3	0.04	0.03	16
1078453	405369	7077444	8N	0.2	1.04	75.9	5.7	0.5	84	0.2	0.08	0.8	8	19	21.8	2.37	3	0.03	0.03	24
1078455	405391	7077480	8N	0.1	1.24	42.2	5.2	1	83	0.2	0.11	0.4	8.5	23	23.5	2.56	4	0.03	0.04	23
1078456	405412	7077534	8N	0.2	1.16	48.8	19.7	1	119	0.2	0.16	0.8	9.2	21	21.8	2.7	3	0.03	0.04	24
1078457	405434	7077579	8N	0.1	1.11	21.8	3.9	0.5	77	0.2	0.12	0.5	9.2	21	25.5	2.34	3	0.02	0.04	20
1078458	405455	7077624	8N	0.1	1.16	17.1	7.5	1	107	0.2	0.11	0.5	9.9	21	31.4	2.33	3	0.05	0.03	18
1078459	405477	7077670	8N	0.2	1.26	96.3	19.3	0.5	87	0.3	0.09	0.5	12	21	30.9	2.8	4	0.03	0.03	25
1078460	405498	7077715	8N	0.1	1.19	24.2	5.3	1	71	0.2	0.08	0.3	6.9	18	19.5	2.18	3	0.04	0.03	15
1078461	405520	7077759	8N	0.05	1.29	64.5	7.9	0.5	71	0.2	0.08	0.2	5.4	20	16	2.2	4	0.03	0.03	15
1078462	405541	7077805	8N	0.4	1.31	72.6	16.3	1	113	0.2	0.13	0.7	14.1	20	40.3	2.63	3	0.03	0.05	24
1078463	405562	7077851	8N	0.05	1.79	24.6	2.2	2	99	0.3	0.11	0.3	15.2	25	29.8	2.97	5	0.03	0.06	36
1078464	405583	7077895	8N	0.05	1.34	21.8	3.1	1	60	0.2	0.07	0.2	7.8	23	21.1	2.38	4	0.03	0.03	21
1078465	401751	7076539	8N	0.5	0.89	103.6	15	2	57	0.3	0.13	0.7	8.1	16	26.1	2.83	3	0.01	0.06	28
1078466	401772	7076584	8N	1.3	1.28	88.1	12.9	2	91	0.6	0.14	0.8	8	23	26.7	2.75	4	0.03	0.06	23
1078467	401793	7076629	8N	0.8	1.15	207.4	18.6	3	93	0.7	0.12	0.7	8	22	26	2.89	3	0.02	0.06	27
1078468	401814	7076675	8N	0.5	1.19	189.9	9.1	2	90	0.6	0.13	1.6	14.6	21	30.7	3.01	4	0.02	0.1	24
1078469	401835	7076720	8N	0.2	1.05	136	6.2	2	81	0.4	0.09	0.4	6.7	19	21.3	2.57	3	0.005	0.06	19
1078470	401856	7076766	8N	0.5	1.04	242.3	32.3	3	77	0.5	0.18	1.4	11.1	20	32.8	2.89	3	0.03	0.06	25
1078471	401877	7076813	8N	0.3	1.58	144.1	16.3	1	131	0.5	0.08	0.6	10.4	24	34	2.87	5	0.005	0.26	37
1078472	401899	7076857	8N	0.6	1.41	142.2	12.5	2	139	0.7	0.09	0.5	8.2	23	25.6	2.89	5	0.02	0.08	20
1078473	401920	7076902	8N	0.4	1.29	162.7	10.4	2	100	0.5	0.06	0.4	9.7	22	32	2.93	4	0.04	0.07	26
1078474	401939	7076948	8N	0.1	1.18	68.3	9.6	2	102	0.3	0.11	0.7	8	21	23.5	2.43	4	0.03	0.09	25
1078476	401961	7076993	8N	0.2	1.38	38.7	33.1	3	124	0.3	0.09	0.6	9.2	21	22.9	2.63	5	0.005	0.12	27
1078477	401982	7077038	8N	0.2	1.07	63.3	1.9	0.5	71	0.6	0.08	0.7	7.7	20	23.4	2.52	3	0.04	0.06	25
1078478	402003	7077085	8N	0.2	1.35	39	5	2	63	0.3	0.07	0.4	7.1	22	20.5	2.54	4	0.04	0.06	19
1078479	402024	7077129	8N	0.1	1.27	37.4	5.9	1	95	0.2	0.08	0.4	8.4	22	19	2.47	4	0.06	0.05	21
1078480	402046	7077175	8N	0.2	1.03	52.9	5.6	2	70	0.3	0.06	0.3	7.6	21	16.9	2.65	5	0.02	0.05	20
1078481	402066	7077220	8N	0.2	1.31	28.8	6	3	80	0.2	0.07	0.3	7.4	25	16.1	2.68	5	0.02	0.07	19
1078482	402087	7077266	8N	0.3	1.54	23.4	12.5	3	92	0.3	0.08	0.7	7.8	26	18.4	2.73	5	0.02	0.06	20
1078483	402107	7077309	8N	0.2	1.2	30.4	4.2	1	93	0.3	0.06	0.3	6.4	23	15.6	2.54	4	0.005	0.05	20
1078484	402129	7077355	8N	0.2	1.14	20.1	5.2	2	72	0.2	0.08	0.3	5.9	22	14.7	2.3	5	0.005	0.05	19
1078485	402150	7077399	8N	0.4	1.33	19.5	3.6	3	71	0.2	0.07	0.2	6.1	23	13.8	2.45	4	0.02	0.06	17
1078486	402171	7077445	8N	0.4	1.57	37.7	16.5	4	137	0.3	0.12	0.3	8.5	25	21.2	2.66	5	0.05	0.07	26
1078487	402193	7077491	8N	0.2	1.45	19.9	14.1	1	104	0.3	0.09	0.1	8.7	25	16.6	2.53	5	0.03	0.06	19
1078488	402215	7077536	8N	0.2	1.15	21.2	0.25	1	70	0.3	0.07	0.2	4.1	19	12.1	2.59	6	0.03	0.05	20
1078489	402235	7077579	8N	0.2	1.35	25.9	4.2	2	97	0.2	0.15	0.2	6.9	22	18.7	2.55	4	0.03	0.06	20
1078490	402258	7077627	8N	0.2	1.44	19	3.8	2	80	0.2	0.11	0.05	5.7	23	15.1	2.31	5	0.02	0.05	17
1078491	402278	7077671	8N	0.05	1.31	17.5	2.3	2	72	0.2	0.1	0.05	5.5	22	14.1	2.18	4	0.03	0.06	15
1078492	402300	7077716	8N	0.4	1.37	19	3	3	77	0.2	0.12	0.3	6.8	23	19.2	2.33	4	0.02	0.05	16
1078493	402321	7077762	8N	0.05	1.39	11	3.7	2	72	0.1	0.1	0.1	5.4	22	16.4	2.08	4	0.03	0.04	15
1078495	403772	7075431	8N	0.4	1.68	298.7	15.3	2	162	0.9	0.19	0.7	17.8	24	41.3	3.4	5	0.03	0.1	26
1078496	403793	7075477	8N	0.2	1.48	243.4	12	1	113	0.8	0.17	1.3	11.3	23	31.2	2.81	4	0.03	0.12	19
1078497	403814	7075522	8N	0.3	1.66	305.3	37.6	2	152	0.6	0.26	0.8	13.1	23	35.5	2.91	5	0.03	0.19	19
1078498	403835	7075568	8N	0.3	2.09	173.5	18.6	0.5	171	0.4	0.33	1	14.3	27	38.7	3.15	6	0.02	0.27	20

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1078350	0.44	348	1	0.004	20.1	0.055	18	0.025	0.8	1.4	0.25	9	0.1	1.8	0.017	0.1	0.9	39	0.2	89
1078451	0.34	396	1	0.003	19.4	0.05	22.2	0.025	2.1	1.3	0.25	8	0.1	3	0.015	0.05	0.9	32	0.1	92
1078452	0.28	348	1	0.005	18.5	0.051	20.1	0.025	2	1	0.25	7	0.1	1.2	0.01	0.05	0.8	30	0.1	70
1078453	0.28	403	0.7	0.003	27	0.052	31.8	0.025	2.1	1.3	0.25	8	0.1	2.1	0.007	0.05	1	24	0.1	92
1078455	0.36	352	0.9	0.005	23.2	0.058	23.7	0.025	1.6	1.6	0.6	10	0.1	1.9	0.017	0.05	0.8	35	0.2	80
1078456	0.36	451	0.8	0.006	26.2	0.061	32.4	0.025	1.9	1.4	0.25	13	0.1	2.1	0.013	0.05	0.8	30	0.2	106
1078457	0.34	339	0.8	0.004	25	0.059	21.4	0.025	1.1	1.5	0.6	10	0.1	3.2	0.018	0.05	0.9	30	0.2	73
1078458	0.36	385	0.8	0.004	24.1	0.058	15.9	0.025	0.9	2.5	0.6	8	0.1	4.8	0.026	0.05	1	34	0.2	67
1078459	0.45	480	0.8	0.004	25.9	0.047	36.7	0.025	2.5	1.5	0.25	8	0.1	4.5	0.01	0.05	1	27	0.1	89
1078460	0.31	217	0.7	0.004	17.8	0.051	23.8	0.025	0.8	1.2	0.25	7	0.1	1.6	0.014	0.05	0.8	30	0.2	69
1078461	0.31	181	0.8	0.004	14.9	0.048	16.7	0.025	0.9	1.2	0.6	7	0.1	1.9	0.016	0.1	0.6	33	0.2	45
1078462	0.46	558	0.8	0.005	31.3	0.068	21.1	0.025	0.9	2.8	0.25	11	0.1	7.3	0.018	0.05	1.6	29	0.2	86
1078463	0.6	457	0.7	0.004	31.3	0.054	18.1	0.025	0.6	1.7	0.25	11	0.1	4	0.013	0.05	0.7	32	0.05	77
1078464	0.41	273	0.8	0.003	19.2	0.05	19.1	0.025	0.6	1.3	0.25	7	0.1	2.6	0.01	0.05	0.7	28	0.05	56
1078465	0.29	368	0.7	0.005	20	0.069	25.2	0.08	2.4	1.4	0.5	12	0.1	8.2	0.022	0.1	1.6	24	0.2	128
1078466	0.41	350	1	0.006	21.2	0.064	34.8	0.025	1.2	2.2	0.9	13	0.1	4.4	0.033	0.1	1.3	40	0.3	118
1078467	0.35	396	1.2	0.005	23.4	0.058	28.8	0.025	1.4	1.8	0.25	12	0.1	6.5	0.025	0.2	1.4	33	0.3	132
1078468	0.56	674	1	0.005	30.7	0.064	24.1	0.05	1	1.6	0.6	13	0.1	7.1	0.03	0.1	1.5	32	0.3	206
1078469	0.31	260	0.7	0.006	16.8	0.045	13.8	0.025	1	1.4	0.25	10	0.1	2.9	0.025	0.1	0.8	34	0.4	77
1078470	0.38	428	0.8	0.005	24.1	0.075	27.6	0.025	1.1	1.6	1	15	0.1	7	0.03	0.1	1.3	31	0.4	135
1078471	0.86	485	1	0.004	31.5	0.053	15.1	0.025	1	3.2	0.6	9	0.1	11.4	0.039	0.3	1.9	38	0.2	167
1078472	0.41	419	0.6	0.005	17.6	0.067	20.1	0.06	1	0.9	0.25	12	0.1	1.1	0.015	0.3	1.3	38	0.2	93
1078473	0.39	437	0.9	0.004	21.9	0.05	17.8	0.025	1.2	1.6	1	10	0.1	3.5	0.012	0.2	1.6	29	0.4	86
1078474	0.34	391	0.6	0.004	21.3	0.056	12.9	0.025	0.8	2	0.25	10	0.1	3.6	0.029	0.1	1.3	34	0.2	91
1078476	0.43	370	0.7	0.005	23	0.044	13.6	0.025	1	1.5	0.25	10	0.1	4	0.034	0.1	1.2	32	0.5	83
1078477	0.34	349	0.8	0.004	20.8	0.047	15.1	0.025	1	1.1	0.5	9	0.1	2.8	0.022	0.05	1.1	31	0.4	95
1078478	0.34	322	0.7	0.005	18.3	0.069	15.4	0.05	0.8	0.8	0.6	8	0.1	0.6	0.012	0.1	1	37	0.3	68
1078479	0.36	405	0.8	0.004	20	0.051	17.4	0.025	0.7	1.6	0.25	9	0.1	2.5	0.024	0.1	1.1	37	0.2	72
1078480	0.25	394	1	0.004	17.2	0.052	22.1	0.1	0.7	1	0.25	8	0.1	1.2	0.024	0.1	0.9	40	0.4	78
1078481	0.45	465	0.7	0.004	18.6	0.044	22.6	0.06	0.9	1.4	0.25	7	0.1	1.9	0.024	0.1	0.9	37	0.3	75
1078482	0.57	395	0.6	0.005	21.1	0.042	38.6	0.025	0.6	2	0.25	8	0.1	2.4	0.037	0.1	0.9	42	0.3	166
1078483	0.33	321	1	0.004	15.3	0.044	21	0.025	0.6	1	0.25	9	0.1	1.1	0.018	0.1	1	36	0.2	54
1078484	0.33	280	1	0.005	14.1	0.052	16.1	0.1	0.5	0.8	0.9	8	0.1	0.8	0.022	0.05	0.8	39	0.3	47
1078485	0.39	267	0.5	0.004	16.8	0.076	15.9	0.07	0.5	0.8	0.6	8	0.1	0.5	0.015	0.05	0.8	38	0.1	55
1078486	0.42	408	0.7	0.005	22.3	0.076	15.5	0.08	0.6	2	0.9	12	0.1	1.7	0.028	0.1	1.2	38	0.4	70
1078487	0.45	443	0.6	0.005	18.8	0.043	13.2	0.05	0.5	1.7	0.25	10	0.1	2.2	0.035	0.1	1	41	0.3	60
1078488	0.22	191	1.1	0.004	10.8	0.06	15.1	0.06	0.5	0.9	0.25	8	0.1	0.7	0.029	0.1	0.8	46	0.2	37
1078489	0.41	313	0.8	0.005	19.5	0.059	13.4	0.05	0.5	1.5	0.25	12	0.1	2.2	0.034	0.1	1	37	0.2	64
1078490	0.39	234	0.5	0.005	15.5	0.05	12	0.07	0.5	1.8	0.7	10	0.1	1.9	0.028	0.1	0.9	38	0.2	54
1078491	0.35	198	0.7	0.004	15.6	0.038	11.1	0.025	0.5	1.7	0.9	9	0.1	2.3	0.034	0.1	0.6	38	0.2	52
1078492	0.39	296	0.7	0.005	17.5	0.065	12.8	0.05	0.7	1.8	0.25	10	0.1	1.7	0.032	0.1	0.9	36	0.2	61
1078493	0.36	191	0.6	0.004	14.5	0.048	10.4	0.06	0.5	1.6	1.2	10	0.1	1.6	0.029	0.1	0.7	35	0.1	45
1078495	0.79	1137	0.9	0.01	29.7	0.064	30.9	0.025	0.7	1.8	0.8	19	0.1	5.5	0.019	0.2	2.1	31	0.2	123
1078496	0.74	488	0.8	0.007	27.4	0.063	26.2	0.025	0.7	1.8	0.25	17	0.1	5.5	0.042	0.2	1.2	32	0.4	126
1078497	0.99	637	0.7	0.01	29.6	0.066	24.1	0.025	1	2.3	0.25	23	0.1	9.1	0.048	0.2	1.5	32	0.4	122
1078498	1.48	900	0.5	0.011	33.3	0.06	18.5	0.025	0.7	3.1	0.25	22	0.1	11.1	0.061	0.3	1.4	36	0.3	129

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1078499	403856	7075613	8N	0.6	3.28	230.3	19.8	0.5	262	0.6	0.54	1.2	19.1	38	55	3.91	9	0.03	0.49	19
1078500	403876	7075658	8N	0.4	1.39	179.1	15.3	0.5	132	0.7	0.33	0.8	12.8	23	33.4	2.74	5	0.04	0.1	22
1078532	412000	7088787	8N	0.1	1.53	169.6	5.3	0.5	208	2.1	0.14	0.3	11.6	25	60.4	3.33	5	0.03	0.19	29
1078533	411999	7088736	8N	0.3	1.22	432.6	13.8	1	115	9.3	0.15	0.4	14.3	18	77.8	2.98	4	0.02	0.09	46
1078534	412001	7088688	8N	0.5	1.67	277.6	20.6	1	156	5	0.17	1.1	24.8	29	129.9	4.34	5	0.04	0.16	35
1078535	411999	7088637	8N	0.1	1.54	129	10.1	0.5	115	1.7	0.13	0.2	13.4	26	51.3	3	5	0.03	0.14	19
1078536	411999	7088586	8N	0.05	1.84	129.4	6.4	0.5	123	0.9	0.08	0.2	17.6	26	59.1	3.41	6	0.01	0.24	16
1078537	411999	7088538	8N	0.05	1.44	31.5	3.1	0.5	104	0.2	0.12	0.1	30.7	21	28.8	2.86	5	0.005	0.23	16
1078538	411998	7088487	8N	0.6	1.67	250.5	81.6	0.5	156	12	0.07	0.1	7.2	57	173.2	3.48	7	0.03	0.21	19
1078539	411998	7088437	8N	0.05	1.43	45.2	4.9	1	103	0.5	0.1	0.2	13.8	29	65	4.36	5	0.03	0.19	19
1078540	411998	7088388	8N	0.05	1.24	45.2	7.8	1	117	1.4	0.11	0.2	11.5	25	65.9	2.88	4	0.04	0.1	14
1078541	411999	7088337	8N	0.3	2.04	515.5	6.2	1	142	1.5	0.06	0.2	11.1	38	116.4	4.75	6	0.04	0.39	24
1078542	411999	7088287	8N	0.1	1.42	787.1	3.2	0.5	104	0.5	0.06	0.2	13	20	42.2	2.4	4	0.04	0.16	20
1078543	411997	7088237	8N	0.3	2.02	646.9	49	1	165	2	0.04	0.1	18.8	131	130.8	5.77	6	0.03	0.47	20
1078544	411996	7088196	8N	0.3	1.82	182	10.7	1	125	1.1	0.04	0.3	10.8	32	117.9	5.9	5	0.05	0.39	21
1078545	411998	7088138	8N	0.2	1.54	125.1	16	1	97	0.6	0.03	0.3	30.1	20	119.7	6.62	4	0.04	0.21	18
1078546	411998	7088087	8N	0.2	1.51	27.5	4	1	78	0.4	0.09	0.2	10.4	26	44.7	3.33	5	0.07	0.09	15
1078547	411997	7088037	8N	0.3	1.8	481.1	6.5	0.5	140	1.7	0.04	0.3	9.2	35	85.8	3.89	5	0.06	0.26	20
1078548	411999	7087986	8N	0.2	1.56	114	5.8	0.5	105	0.8	0.04	0.3	21.7	22	86.2	3.48	4	0.03	0.17	18
1078549	411998	7087935	8N	2	1.25	5033.3	119.9	1	166	22.5	0.01	0.05	3.6	36	200.8	11.4	7	0.04	0.79	16
1078550	411998	7087886	8N	0.05	1.19	25.7	3.9	1	81	0.3	0.07	0.2	7.4	21	27	2.55	4	0.03	0.07	13
1078587	411012	7088387	8N	0.1	1.36	36.6	17.8	2	93	0.6	0.19	0.2	10	29	24.9	2.6	4	0.05	0.07	19
1078588	410999	7088337	8N	0.2	1.2	65	6	1	203	1	0.29	0.3	9.2	33	34.7	2.37	4	0.03	0.14	29
1078589	410999	7088288	8N	0.2	1.39	166.5	8.2	1	272	2.2	0.28	0.4	10	29	35.3	2.47	4	0.04	0.13	28
1078590	411001	7088237	8N	0.1	1.69	129.3	13.2	1	208	2.2	0.23	0.3	10.6	33	33.8	2.69	5	0.03	0.13	22
1078591	411003	7088188	8N	0.05	1.4	77.6	6.8	1	208	1.3	0.25	0.3	8.7	32	24.8	2.42	5	0.04	0.15	23
1078592	411003	7088137	8N	0.2	1.5	52.9	15.3	0.5	202	1.1	0.17	0.05	7.4	28	28.4	2.1	5	0.05	0.06	27
1078593	410999	7088088	8N	0.2	1.24	80.2	7.6	0.5	209	1.1	0.24	0.2	7.6	26	22.6	2.17	4	0.05	0.08	26
1078594	411000	7088036	8N	0.4	1.59	95.8	9	1	258	1.4	0.2	0.2	9.9	32	31.8	2.57	5	0.05	0.09	32
1078595	410497	7089037	8N	0.3	2.11	54.2	4.1	1	246	1	1.3	0.9	9.9	23	20.9	2.08	6	0.06	0.06	17
1078596	410499	7089087	8N	0.2	1.79	57.7	11.4	0.5	191	1.2	0.77	0.4	7.9	23	17.1	1.9	5	0.05	0.06	14
1078597	410499	7089137	8N	0.2	1.75	68.4	3.6	0.5	374	0.6	1.05	0.3	7.4	24	15.5	1.97	4	0.04	0.07	17
1078598	410500	7089188	8N	0.2	1.78	83.7	8.4	1	276	2.9	0.98	0.6	7.9	24	37.2	2.04	5	0.07	0.05	22
1078599	410501	7089238	8N	0.3	1.78	233.4	6.3	1	269	2.3	1.19	0.5	7.6	23	28.4	2.13	5	0.05	0.04	22
1078600	410498	7089287	8N	0.2	1.91	176.3	19.3	4	299	2	1.36	1	9.3	23	25.9	2.06	5	0.06	0.04	18
1078632	411799	7087637	8N	0.2	1.22	69.3	3	3	87	0.5	0.04	0.2	9.3	28	35.1	2.78	5	0.03	0.14	17
1078633	411799	7087586	8N	0.2	1.63	83.7	9.7	2	133	0.7	0.07	0.3	12.5	27	41.9	3.51	4	0.07	0.1	17
1078634	411799	7087536	8N	0.6	1.92	136.4	4.9	2	428	2.3	0.2	0.3	14.3	18	56.6	2.96	6	0.04	0.26	23
1078635	411799	7087486	8N	0.2	1.43	96.1	5.4	2	117	0.5	0.06	0.2	9.3	22	35.2	2.69	5	0.05	0.14	14
1078636	411800	7087436	8N	0.1	1.04	98.1	4.6	2	97	0.8	0.09	0.2	6.5	20	28.8	2.47	4	0.02	0.09	15
1078637	411798	7087386	8N	0.1	1.23	102.9	10.6	2	92	0.7	0.08	0.2	7.2	22	29.4	2.53	4	0.03	0.08	16
1078638	411799	7087336	8N	0.2	1.31	92.6	7.2	2	177	0.7	0.11	0.3	8.9	26	33.6	2.76	4	0.03	0.13	18
1078639	411798	7087286	8N	0.1	1.54	88.2	5.8	2	222	0.8	0.09	0.2	8.6	26	32	2.87	5	0.03	0.15	19
1078640	411697	7087286	8N	0.3	1.11	58.8	0.25	2	80	0.5	0.05	0.1	4.4	22	20.6	1.95	4	0.03	0.08	11
1078641	410799	7087436	8N	0.2	1.83	74.1	18.2	2	198	1.8	0.27	0.1	9.1	34	22.6	2.74	6	0.04	0.11	29
1078644	412099	7087336	8N	0.05	1.38	35	5	0.5	116	0.7	0.1	0.2	10.2	22	26.2	2.67	4	0.04	0.13	18

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1078499	2.54	1258	0.7	0.039	42.7	0.07	61	0.025	0.8	5	0.25	42	0.1	12.4	0.094	0.5	1.5	57	0.3	206
1078500	0.78	655	0.7	0.009	26.4	0.061	31.6	0.025	0.7	2.2	0.25	23	0.1	6.6	0.038	0.2	1.5	38	0.3	151
1078532	0.43	393	1.3	0.01	25.2	0.064	14.7	0.08	8.3	2.9	0.6	24	0.1	9.4	0.058	0.3	3.1	41	1.5	59
1078533	0.32	576	1.1	0.005	21.8	0.069	23.6	0.025	17.7	2.5	0.25	22	0.1	9.4	0.035	0.2	4.5	31	3.5	59
1078534	0.47	739	1.7	0.007	49.4	0.08	30.2	0.025	50.4	3.9	0.9	32	0.1	8.3	0.037	0.4	5.2	39	4.5	91
1078535	0.45	352	0.8	0.008	27.5	0.066	12.6	0.06	9	2.3	0.6	19	0.1	7	0.047	0.2	1.9	36	1.2	68
1078536	0.47	373	0.7	0.006	29	0.044	17.1	0.025	22.9	2.9	0.25	26	0.1	9.1	0.033	0.3	2.4	31	0.3	66
1078537	0.49	743	0.4	0.005	25.9	0.031	13.6	0.025	16.1	3	0.25	16	0.1	9.7	0.021	0.2	2.4	24	0.3	68
1078538	0.5	206	1.2	0.008	18.7	0.069	10.1	0.08	15.7	3.4	2.9	26	0.5	3.2	0.062	0.4	3.4	53	1.5	40
1078539	0.43	326	1.2	0.011	26.1	0.088	9.8	0.07	19.1	3	0.25	19	0.1	5.5	0.046	0.3	1.9	43	0.3	69
1078540	0.38	299	0.9	0.015	21	0.054	8.6	0.09	3.5	2.2	0.25	18	0.1	2.7	0.046	0.2	1.2	40	0.5	54
1078541	0.54	252	2.3	0.028	29.6	0.069	18.1	0.2	89.4	4.3	0.9	36	0.1	8	0.055	0.6	2.7	55	0.2	60
1078542	0.31	343	0.5	0.005	30	0.04	16.9	0.025	47.2	2.1	0.6	8	0.1	6.9	0.023	0.3	2	23	0.3	48
1078543	0.71	297	1.7	0.027	65	0.078	12.8	0.29	145.1	6.2	0.5	32	0.1	10.9	0.076	0.7	3.3	57	2.5	59
1078544	0.41	224	1.1	0.03	28.7	0.104	19.4	0.28	47.1	4.2	0.7	30	0.1	12.2	0.049	0.5	3.4	36	0.3	50
1078545	0.35	485	0.8	0.019	40.8	0.092	14.7	0.14	61.5	2.9	0.25	28	0.1	10.2	0.016	0.4	4	25	0.2	65
1078546	0.32	328	1.1	0.008	22	0.141	12.5	0.08	5.4	1.6	0.9	13	0.1	1.8	0.03	0.2	1.4	41	0.2	61
1078547	0.4	275	2.2	0.017	26.4	0.064	13.7	0.19	20.5	2.8	0.7	17	0.1	5.8	0.04	0.4	2.1	38	0.3	44
1078548	0.28	416	1.2	0.009	39.5	0.052	14.3	0.07	32.5	2.9	0.25	11	0.1	9.8	0.034	0.3	2.2	31	0.1	46
1078549	0.45	125	1	0.077	7.6	0.082	14.2	1.02	56.1	4.6	2.4	37	0.2	17.7	0.102	0.9	2	45	0.4	31
1078550	0.32	219	0.8	0.011	15.8	0.052	9.5	0.07	1.2	1.7	0.25	12	0.1	2.7	0.037	0.1	0.8	40	0.2	49
1078587	0.44	416	1.9	0.007	22.4	0.067	10.9	0.025	3.3	2.3	1	17	0.1	5.2	0.073	0.1	1.5	51	2	65
1078588	0.49	402	1.3	0.01	21.6	0.085	9.5	0.025	11.9	2.9	0.7	24	0.1	9.6	0.11	0.2	3.4	52	4.5	67
1078589	0.51	464	2.6	0.008	20.4	0.083	15	0.025	5.8	3.1	0.25	31	0.1	10.6	0.079	0.3	5.7	49	4.9	67
1078590	0.52	448	3	0.009	22.2	0.074	15.2	0.025	10.7	2.9	0.25	24	0.1	9.1	0.084	0.3	4.5	54	3.1	68
1078591	0.51	389	3.3	0.01	20.4	0.073	12	0.025	6.7	2.4	0.25	24	0.1	10.1	0.11	0.3	2.9	54	7.5	72
1078592	0.44	182	2.5	0.007	18.1	0.068	11.5	0.025	8.1	2.7	0.25	17	0.1	5.1	0.052	0.2	5.3	45	2.1	57
1078593	0.42	282	2.7	0.008	17.2	0.087	10.5	0.025	15	2.3	0.25	22	0.1	8.1	0.064	0.2	3.7	44	5	57
1078594	0.46	441	3.5	0.009	19.4	0.08	13.2	0.025	21.7	3.1	0.25	19	0.1	8.2	0.067	0.3	6.2	54	5.3	66
1078595	0.42	429	0.7	0.047	21.9	0.077	23.9	0.09	1.2	2.3	0.25	67	0.1	1.8	0.025	0.1	1	35	0.5	57
1078596	0.46	239	0.5	0.035	19.3	0.044	14.7	0.025	1.8	2.6	0.8	75	0.1	3.8	0.041	0.1	0.6	32	0.2	62
1078597	0.45	135	0.3	0.039	15.8	0.095	14.7	0.1	2.9	3	0.25	211	0.1	5.9	0.038	0.1	0.8	36	0.3	57
1078598	0.37	111	0.4	0.059	21.7	0.083	15.9	0.11	2.6	3.1	0.8	62	0.1	7.5	0.03	0.05	1.5	36	0.9	56
1078599	0.41	242	0.7	0.037	20.6	0.082	19.1	0.15	5.9	2.5	0.7	52	0.1	3.4	0.018	0.1	1.6	32	0.6	56
1078600	0.38	383	0.6	0.059	20.7	0.077	22.3	0.07	1.4	1.9	0.7	70	0.1	3.2	0.023	0.1	1.4	32	0.5	64
1078632	0.29	471	1.4	0.006	19.4	0.058	17	0.025	7.8	1.8	0.25	8	0.1	3.2	0.03	0.3	1.3	39	0.3	59
1078633	0.35	238	1	0.005	35.5	0.035	17.2	0.025	8.3	2.9	0.6	9	0.1	5.9	0.034	0.3	1.3	43	0.5	63
1078634	0.47	602	0.6	0.005	29.3	0.072	21.3	0.025	7.2	4.2	0.25	16	0.1	7.6	0.08	0.3	2.9	43	0.5	56
1078635	0.32	273	0.8	0.005	29.2	0.044	11.4	0.025	6	1.8	0.25	7	0.1	3.3	0.047	0.3	1.1	37	0.4	49
1078636	0.28	163	0.9	0.008	18.3	0.043	10.1	0.025	3.5	2	0.25	10	0.1	3.7	0.047	0.2	1.2	38	0.7	42
1078637	0.3	198	0.9	0.005	20.2	0.049	10.1	0.025	4.2	1.6	0.25	10	0.1	2.1	0.032	0.2	1.1	39	0.7	49
1078638	0.38	259	1	0.006	24.8	0.054	9.8	0.025	1.9	2.3	0.25	16	0.1	4.2	0.046	0.2	1.3	43	0.6	60
1078639	0.42	268	1	0.009	23.5	0.052	11.1	0.025	1.8	2.6	0.25	14	0.1	3.6	0.046	0.3	1.5	45	0.7	53
1078640	0.23	143	1.2	0.006	14.7	0.059	12.4	0.05	2.3	0.9	0.5	9	0.1	0.5	0.02	0.2	1	36	0.3	38
1078641	0.6	458	2.1	0.01	18.4	0.085	14.9	0.025	2.4	3.6	0.5	28	0.1	6.8	0.075	0.4	7.9	56	1.1	70
1078644	0.41	325	0.9	0.005	23.9	0.051	11.9	0.025	1.1	1.9	0.25	17	0.1	3.2	0.045	0.2	1.1	36	0.4	59

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1078645	412099	7087286	8N	0.05	1.48	24.9	3.2	0.5	158	0.6	0.09	0.2	9.2	35	25.7	2.84	4	0.03	0.09	16
1078646	412199	7087430	8N	0.05	1.64	14.7	10.2	0.5	116	0.4	0.11	0.2	13.1	27	24.2	2.59	5	0.03	0.15	20
1078647	411698	7089337	8N	0.05	1.82	22.7	3.5	0.5	155	1.6	0.09	0.3	7.3	25	22.3	2.59	6	0.04	0.03	15
1078648	411700	7089386	8N	0.05	1.49	66.8	12.8	1	205	1.1	0.26	0.3	9.1	25	59.3	2.4	4	0.05	0.05	24
1078649	411698	7089436	8N	0.05	1.15	28.5	7.2	2	146	0.9	0.24	0.2	9	22	29.8	2.26	4	0.06	0.04	19
1078673	412198	7088786	8N	0.1	1.29	146.8	3.2	1	109	1.2	0.06	0.2	12.6	27	44	3.04	4	0.04	0.2	34
1078674	412199	7088738	8N	0.2	1.29	198	9.3	1	110	0.8	0.07	0.2	20.6	44	43	3.36	5	0.08	0.13	20
1078675	412201	7088688	8N	0.1	1.37	152.8	6.2	1	90	0.8	0.06	0.1	11.9	22	43.5	3.45	4	0.04	0.14	22
1078676	412203	7088637	8N	0.2	1.9	115.9	11.1	2	142	1.2	0.06	0.2	20.9	25	75.8	3.92	5	0.07	0.31	27
1078677	412202	7088588	8N	0.4	2.06	396.3	22.8	1	138	5.4	0.11	0.2	19	56	109.6	3.69	5	0.08	0.18	40
1078678	412201	7088539	8N	0.2	2.09	69.3	5.2	1	146	0.7	0.04	0.1	23.6	26	99.2	5.48	5	0.03	0.48	27
1078680	412201	7088488	8N	0.2	1.58	750.7	30	2	113	4.3	0.12	0.2	29.5	28	103.2	4.3	4	0.05	0.19	24
1078681	412198	7088438	8N	0.05	1.52	19.7	2.5	0.5	96	0.4	0.17	0.2	27.1	22	48.3	3.9	4	0.02	0.18	23
1078682	412198	7088389	8N	0.2	1.51	120.8	4.2	1	96	1.7	0.08	0.2	11.6	37	45.6	3.17	5	0.06	0.14	20
1078683	412199	7088339	8N	0.3	1.92	432.8	46.5	2	230	9.9	0.21	0.4	27.7	50	132.3	4.06	6	0.04	0.34	38
1078684	412198	7088288	8N	0.1	1.65	113.5	7.5	1	87	0.6	0.05	0.2	34.6	45	54	3.58	4	0.03	0.19	21
1078685	412199	7088237	8N	0.05	1.31	104.5	20.4	1	92	0.5	0.08	0.2	28.6	24	47.9	3.6	4	0.04	0.12	21
1078686	412198	7088185	8N	0.6	1.44	2497.9	17.3	1	155	6	0.08	0.4	15	24	132.1	5.12	4	0.04	0.31	25
1078687	412198	7088137	8N	0.5	1.59	1328.6	25.3	3	194	3.2	0.07	0.8	36	49	99.3	5.27	5	0.06	0.24	31
1078688	412199	7088088	8N	0.3	2.18	243	10	2	178	1.6	0.07	0.3	35.4	77	77.7	5.26	6	0.04	0.41	30
1078689	412195	7088036	8N	0.2	2.12	129.4	10.6	2	132	2.1	0.03	0.05	15.5	58	106.7	6.22	6	0.02	0.42	22
1078690	412198	7087988	8N	0.05	1.57	44.7	14.4	2	111	4.1	0.11	0.2	33.2	25	77.8	4.23	5	0.03	0.12	24
1078691	412189	7087944	8N	0.2	1.49	26.3	13.5	2	82	0.6	0.08	0.2	29.1	25	55.5	3.65	5	0.08	0.11	21
1078692	412198	7087886	8N	0.4	2.05	88.7	17.4	2	190	1.1	0.12	0.5	50.5	33	94.3	4.91	6	0.08	0.28	29
1078693	412199	7087837	8N	0.4	1.79	573.3	10.5	2	238	1.7	0.07	0.4	26.1	31	94.4	5.09	5	0.09	0.41	23
1078694	412198	7087786	8N	0.3	2.36	162.1	13.7	1	181	1.4	0.08	0.4	40.8	31	113.6	5.66	6	0.05	0.31	23
1078695	412192	7087736	8N	0.3	1.45	78.8	9.3	2	120	0.9	0.06	0.4	14.8	25	63.5	3.92	4	0.07	0.17	21
1078696	412202	7087688	8N	0.3	1.7	55.3	9.4	2	102	0.8	0.08	0.3	37	27	88.5	4.08	5	0.1	0.12	21
1078697	412198	7087637	8N	0.4	1.81	493.1	14.4	2	126	1.2	0.19	0.5	26.1	38	149.2	3.81	5	0.08	0.14	17
1078698	412198	7087587	8N	0.2	1.45	46.1	3.5	0.5	145	0.7	0.11	0.3	14.8	24	47.8	3.41	4	0.06	0.13	21
1078699	412190	7087539	8N	0.05	1.31	75.6	20.2	1	93	1.3	0.14	0.2	36.1	22	74.2	3.16	3	0.07	0.13	22
1078700	411001	7088437	8N	0.05	1.31	20.2	4.5	1	127	0.6	0.19	0.2	9.4	26	22.3	2.31	4	0.04	0.07	19
1078701	411797	7088238	8N	0.1	1.33	87.9	11.1	0.5	154	0.2	0.09	0.3	14.5	33	82.7	4.06	5	0.06	0.11	18
1078702	411798	7088187	8N	0.2	1.09	53.6	0.25	0.5	91	0.3	0.07	0.1	4.2	83	30.2	2.1	4	0.07	0.17	15
1078703	411799	7088136	8N	0.1	1.5	77.9	0.25	0.5	147	0.3	0.13	0.2	12.4	33	53.2	3.51	4	0.02	0.21	15
1078704	411800	7088086	8N	0.1	2.06	158.2	8.4	1	165	0.5	0.08	0.2	22.7	189	66.8	3.74	6	0.02	0.2	18
1078705	411797	7088037	8N	0.4	1.88	310.4	8.3	2	209	1	0.11	0.4	25.5	83	78.4	4.15	6	0.06	0.2	19
1078706	411798	7087987	8N	0.2	1.47	238.1	24.6	0.5	105	0.8	0.09	0.3	11.6	44	46.3	3.06	4	0.07	0.08	18
1078707	411798	7087938	8N	0.3	1.56	205.1	17.3	0.5	149	0.7	0.11	0.5	22.6	32	80.7	3.59	5	0.06	0.12	20
1078708	411799	7087886	8N	0.1	1.21	48.8	5.5	1	91	0.5	0.05	0.2	6.5	23	26.7	2.75	4	0.05	0.06	14
1078709	411799	7087837	8N	0.1	1.03	79.9	10.3	0.5	80	0.6	0.05	0.1	5.1	24	34.9	2.67	4	0.08	0.09	17
1078710	411799	7087787	8N	0.1	1.44	37.6	1.5	0.5	88	0.3	0.05	0.3	9.6	27	36.8	3.15	5	0.05	0.07	16
1078711	411799	7087737	8N	0.4	0.9	58.6	2.5	1	74	0.5	0.05	0.3	6.6	25	46.5	3.14	4	0.08	0.09	17
1078712	411799	7087686	8N	0.3	1.45	79.3	7.2	0.5	185	1.3	0.13	0.7	19.3	32	71.8	4.17	5	0.05	0.15	24
1078713	411799	7088788	8N	0.1	2.02	238.2	55.7	0.5	169	5.2	0.16	0.1	13.8	36	91.1	2.91	6	0.005	0.26	26
1078714	411799	7088738	8N	0.4	1.67	559.9	59.7	0.5	166	7.6	0.15	0.2	10.3	40	142.5	3.18	6	0.02	0.26	27

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1078645	0.43	264	1	0.006	27.9	0.054	10.3	0.025	1	2	0.25	18	0.1	1.8	0.035	0.2	1.3	39	0.3	57
1078646	0.47	373	0.8	0.007	27.4	0.05	15.5	0.025	0.8	2.1	0.25	19	0.1	4.1	0.061	0.2	1	39	0.3	65
1078647	0.36	281	1.1	0.006	16.1	0.046	12.8	0.025	0.9	2.1	0.9	11	0.1	2.7	0.028	0.1	1.3	49	0.3	54
1078648	0.42	413	1.5	0.008	24.4	0.098	11.7	0.025	1.5	2.9	0.9	24	0.1	6.6	0.042	0.1	4	47	0.8	65
1078649	0.36	382	1.1	0.006	24.6	0.082	10.3	0.025	1.2	2	0.25	19	0.1	5.6	0.04	0.1	1.8	42	1	61
1078673	0.37	276	1.2	0.007	25.8	0.055	14.7	0.025	7.3	2	0.25	16	0.1	8.6	0.045	0.4	2.4	32	0.2	57
1078674	0.3	479	1.6	0.005	29.7	0.094	17.9	0.025	6.8	1.9	0.8	11	0.1	2.5	0.031	0.5	2.5	50	0.3	56
1078675	0.35	315	1.1	0.005	20	0.05	16.8	0.025	13.4	1.7	0.25	12	0.1	9.9	0.032	0.3	1.9	35	0.6	54
1078676	0.48	447	1.7	0.024	25.6	0.083	11.4	0.18	1.9	1.7	0.9	37	0.1	9.6	0.067	0.7	3.4	42	1.3	58
1078677	0.46	407	1.6	0.015	46.2	0.091	14	0.13	2.1	2	0.9	33	0.1	8.8	0.055	0.3	5.7	36	2	71
1078678	0.59	355	1.5	0.024	38.8	0.069	12.8	0.21	5	2.2	0.5	41	0.1	16.3	0.063	0.5	3.7	33	0.3	76
1078680	0.5	772	1.1	0.013	36.8	0.077	19.8	0.07	14.3	2.4	0.9	33	0.1	7.8	0.037	0.3	3.1	33	0.8	67
1078681	0.48	475	1.1	0.007	39.5	0.072	18.3	0.025	9	1.7	0.25	44	0.1	9.6	0.039	0.2	2.3	31	0.2	86
1078682	0.45	290	2	0.009	28.7	0.061	12.9	0.06	4	1.8	0.25	22	0.1	5.1	0.047	0.3	1.6	43	0.3	59
1078683	0.72	653	1.2	0.019	41.4	0.101	14.5	0.1	127.4	5.5	0.7	48	0.1	15.7	0.084	0.6	8.3	46	0.9	62
1078684	0.43	508	0.8	0.008	54.1	0.058	16.8	0.025	21.4	2.1	0.25	22	0.1	10.5	0.029	0.3	3.1	27	0.2	69
1078685	0.37	508	1.2	0.009	42.8	0.055	14.2	0.05	8.6	1.8	0.25	22	0.1	7.7	0.041	0.2	2	38	0.5	82
1078686	0.44	301	1.2	0.035	27.2	0.081	17.7	0.29	12.5	2.2	1.1	35	0.3	12.7	0.045	0.6	3.3	35	0.5	54
1078687	0.4	724	1.4	0.018	53.7	0.093	35.1	0.17	71.6	2.8	1.1	34	0.1	6.6	0.014	0.7	4.5	33	2	101
1078688	0.63	578	1.5	0.025	64.1	0.087	16.9	0.22	30	3.1	0.7	38	0.1	14.6	0.058	0.6	3.3	43	0.4	95
1078689	0.61	313	1.7	0.025	38.9	0.078	16.1	0.26	23.5	3.6	0.8	30	0.1	15.8	0.063	0.5	4.6	42	0.7	68
1078690	0.49	948	1.2	0.007	50.9	0.07	17.3	0.025	15.7	2.9	0.9	26	0.1	8.1	0.044	0.2	3.3	43	0.5	85
1078691	0.44	892	1.4	0.01	41.7	0.088	17.1	0.025	6.6	2.1	0.6	14	0.1	4.2	0.033	0.3	2.5	41	0.2	80
1078692	0.64	1051	1.7	0.017	58.6	0.1	21.3	0.12	4.8	3.4	0.6	36	0.1	8.9	0.062	0.5	5.4	49	0.3	107
1078693	0.54	654	3.4	0.026	35.5	0.08	19.4	0.3	7.2	3.1	1.1	31	0.1	10.6	0.066	0.8	2.6	51	0.3	77
1078694	0.67	650	1.1	0.013	49.4	0.088	22.2	0.07	11.6	3.4	0.5	28	0.1	11.3	0.054	0.4	3.7	40	0.3	96
1078695	0.35	390	1.3	0.009	30.3	0.092	20.9	0.09	13.9	1.9	0.6	17	0.1	3	0.023	0.3	2.5	34	0.2	82
1078696	0.44	833	1.6	0.01	47.5	0.103	19	0.07	4.9	1.8	1	17	0.1	2.3	0.031	0.3	3.3	43	0.4	85
1078697	0.5	525	1.4	0.011	46.2	0.108	11.1	0.11	1.5	2.1	1.3	25	0.1	4.3	0.052	0.3	2.3	48	0.6	77
1078698	0.39	405	1.1	0.007	30.9	0.064	12	0.07	4.8	2.1	0.25	21	0.1	4.5	0.024	0.2	1.8	37	0.3	72
1078699	0.41	780	1	0.01	40.2	0.107	11.3	0.07	3.4	1.9	0.6	19	0.1	5.6	0.039	0.3	2.3	37	0.7	76
1078700	0.44	386	1.4	0.008	22.3	0.063	10.2	0.025	2.4	2.1	0.8	18	0.1	5.6	0.065	0.1	1.2	44	1.9	60
1078701	0.43	301	1.1	0.008	31.4	0.051	9.3	0.025	50.5	2.7	1.2	17	0.1	7.4	0.042	0.2	2.5	44	1.2	55
1078702	0.2	141	7.8	0.009	50.1	0.097	19	0.025	15	1.1	0.25	11	0.1	1	0.03	0.2	1.3	24	0.3	35
1078703	0.43	198	0.8	0.006	26.6	0.053	11	0.025	171.2	2.9	0.25	20	0.1	6.7	0.055	0.3	1.3	35	0.6	50
1078704	0.87	329	0.9	0.007	88.6	0.043	9.4	0.025	19.5	3.8	0.25	16	0.1	5.8	0.091	0.3	1.4	54	0.8	77
1078705	0.58	645	1.4	0.008	56.9	0.089	17.3	0.025	28.8	4.1	0.5	16	0.1	5.9	0.064	0.5	2.4	54	0.7	88
1078706	0.32	340	1.4	0.007	30.1	0.057	13.5	0.025	26.1	2	0.25	13	0.1	3	0.034	0.2	1.3	41	0.5	73
1078707	0.4	424	1.4	0.009	38.6	0.071	12.7	0.025	8.8	2.9	0.25	16	0.1	6.9	0.05	0.3	2.3	41	0.7	73
1078708	0.23	225	1.1	0.004	16.5	0.034	11.1	0.025	6.3	1.6	0.25	7	0.1	2.8	0.031	0.2	0.8	41	0.5	53
1078709	0.16	196	1.3	0.005	17.1	0.053	15.5	0.025	8.8	1.3	0.25	8	0.1	1.8	0.024	0.2	1.3	34	0.4	45
1078710	0.29	284	1.4	0.005	22.1	0.039	13.9	0.025	5.7	1.9	0.25	8	0.1	2.9	0.029	0.3	1	44	0.3	64
1078711	0.14	133	1.6	0.005	20.8	0.072	21.3	0.025	11.1	1.3	0.25	9	0.1	1.5	0.026	0.3	1.3	34	0.4	43
1078712	0.43	593	1.3	0.006	43.9	0.069	32	0.025	17.6	4.2	0.25	15	0.1	6.9	0.038	0.3	2.7	39	0.6	86
1078713	0.64	383	1.1	0.009	22	0.067	13.9	0.025	20.3	3.3	1	31	0.1	7.8	0.055	0.4	3.8	33	2	51
1078714	0.56	235	1.1	0.009	25.5	0.06	11.7	0.025	36.9	3.7	1.1	27	0.1	10	0.067	0.5	3.8	39	4	49

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1078715	411799	7088686	8N	0.4	1.53	490.5	31.7	4	147	6	0.14	0.3	11.6	36	132.5	3.21	6	0.005	0.27	24
1078716	411799	7088637	8N	0.5	1.34	664.9	59.6	3	145	9	0.21	0.2	10.9	31	140.3	3.01	5	0.005	0.23	26
1078717	411797	7088588	8N	0.5	1.72	531.7	56.8	0.5	159	8.4	0.28	0.4	16.2	41	166.2	3.44	6	0.03	0.27	30
1078718	411800	7088537	8N	0.3	1.32	198.6	35.3	1	152	5.1	0.25	0.3	11.6	36	98.2	3.03	5	0.04	0.19	27
1078719	411800	7088488	8N	0.4	1.66	319.6	54.5	0.5	199	5.1	0.24	0.3	16.4	44	100.7	3.24	6	0.02	0.21	30
1078721	411798	7088388	8N	0.2	1.7	378.4	16.3	0.5	185	3.9	0.16	0.3	12.3	46	121.8	3.46	6	0.03	0.15	21
1078722	411798	7088338	8N	0.2	1.62	227.9	11.6	0.5	199	0.8	0.19	0.2	10.8	35	54.2	3.05	5	0.04	0.22	18
1078724	411797	7088288	8N	0.05	1.87	148.3	20.1	0.5	195	0.3	0.07	0.1	14	36	52	3.17	6	0.03	0.15	18
1078725	410798	7088037	8N	0.2	1.34	106.5	9	1	245	1.7	0.34	0.2	7.7	29	23.6	2.29	5	0.03	0.12	24
1078726	410798	7087988	8N	0.2	1.34	152.1	3.4	1	109	1.9	0.12	0.2	6.3	29	16.6	2.7	6	0.04	0.08	14
1078727	410799	7087936	8N	0.1	1.24	115.4	8.7	2	133	1.4	0.18	0.3	7.6	25	17.2	2.27	4	0.04	0.1	18
1078728	410798	7087886	8N	0.3	1.21	134.7	4.5	0.5	73	1.8	0.09	0.2	5.2	23	13.8	2.43	5	0.07	0.07	13
1078729	410798	7087837	8N	0.2	1.45	175.5	11.2	0.5	202	1.7	0.29	0.2	8.4	37	21.6	2.33	5	0.02	0.13	25
1078730	410797	7087786	8N	0.2	1.27	195.5	8.3	1	198	2.1	0.24	0.2	7.5	34	19.7	2.34	5	0.03	0.09	22
1078731	410795	7087736	8N	0.3	1.27	143	6.6	1	133	1.3	0.13	0.05	5.2	24	14.6	2.09	5	0.04	0.05	19
1078732	410799	7087687	8N	0.4	1.3	200.2	8.7	1	169	1.3	0.21	0.1	7.1	26	19.6	2.04	4	0.04	0.06	32
1078733	410797	7087637	8N	0.2	1.47	84.8	13.7	1	177	1.1	0.17	0.2	6	29	21.2	2.12	5	0.05	0.06	25
1078734	410798	7087586	8N	0.2	1.68	81.6	4.5	0.5	180	0.9	0.14	0.05	6.8	31	24.3	2.31	5	0.05	0.07	26
1078735	410798	7087536	8N	0.1	1.5	55.8	4.8	0.5	140	0.7	0.14	0.1	7.4	29	21	2.25	5	0.03	0.07	21
1078736	410797	7087487	8N	0.1	1.5	21.9	2.3	2	186	0.5	0.18	0.05	8	30	14.8	2.08	4	0.03	0.07	19
1078738	411099	7088787	8N	0.3	1.32	238.3	25.1	1	184	4.2	0.38	0.4	8.1	25	55.4	2.19	4	0.06	0.05	24
1078739	411098	7088737	8N	0.5	1.46	498.8	14.1	1	188	4.3	0.3	0.4	9.7	29	74.3	2.48	5	0.05	0.09	28
1078740	411099	7088687	8N	0.4	1.18	625.6	18.8	2	198	5.9	0.28	0.4	8.9	26	85.9	2.21	4	0.06	0.08	27
1078741	411098	7088637	8N	0.05	1.22	55.7	9.7	2	104	0.8	0.12	0.3	7.9	20	18.1	2.03	4	0.03	0.04	14
1078742	411100	7088587	8N	0.2	1.16	319.9	22.3	0.5	153	5.9	0.3	0.3	7.9	28	42.5	1.97	4	0.03	0.11	27
1078743	411100	7088536	8N	0.1	1.12	64.7	6	0.5	114	0.7	0.18	0.1	7.6	23	22.8	2.13	4	0.05	0.07	21
1078744	411098	7088486	8N	0.2	1.28	200	9	2	156	2	0.22	0.2	8	27	35.2	2.25	4	0.03	0.09	25
1078745	411100	7088437	8N	0.3	1.35	270.9	10.7	1	188	2.2	0.23	0.5	9.6	30	52.9	2.38	5	0.03	0.14	24
1078746	411099	7088386	8N	0.3	1.48	158.2	10.5	2	180	1.7	0.22	0.2	7.9	31	39.8	2.38	5	0.05	0.11	25
1078747	411097	7088337	8N	0.3	1.26	156.9	21.4	2	184	1.8	0.23	0.2	7.8	29	34.8	2.26	5	0.04	0.11	20
1078749	411097	7088286	8N	0.1	1.21	51.1	7.2	2	167	1.3	0.22	0.3	8.4	28	30.2	2.24	4	0.03	0.11	23
1078750	411097	7088236	8N	0.2	1.52	33.8	7.9	2	204	1	0.17	0.2	8.6	31	20.6	2.5	6	0.06	0.1	19
1078751	411099	7088187	8N	0.2	1.52	159.9	8.2	1	302	1.6	0.13	0.2	5.9	27	34.4	2.35	6	0.05	0.06	28
1078752	411099	7088136	8N	0.7	1.45	181.8	5.4	2	215	1.9	0.15	0.1	5.6	26	35.6	2.49	5	0.07	0.06	25
1078753	411100	7088087	8N	0.05	1.11	37.6	3.6	0.5	165	0.7	0.21	0.3	7.7	25	25.8	2.05	4	0.02	0.1	21
1078754	411098	7088036	8N	0.1	1.03	43.6	5	2	129	0.7	0.17	0.2	7.7	23	22.8	2.24	4	0.03	0.08	19
1078755	411099	7087986	8N	0.2	0.91	44.8	14.2	1	137	0.7	0.14	0.2	5.4	22	15.3	1.98	4	0.04	0.07	15
1078756	411097	7087937	8N	0.3	1.37	61.1	5.4	2	212	0.9	0.18	0.2	7.7	26	25	2.25	5	0.05	0.09	27
1078757	411097	7087886	8N	0.05	1.1	58.3	7.1	1	203	0.9	0.26	0.3	7	26	17.5	1.99	4	0.01	0.14	22
1078758	411099	7087837	8N	0.1	1.3	64.1	10.4	2	195	1.7	0.19	0.2	7.4	26	16.9	2.28	5	0.04	0.09	22
1078759	411099	7087786	8N	0.2	0.93	48	3.8	1	121	1.6	0.08	0.1	2.6	17	9.5	1.33	4	0.05	0.05	14
1078760	411099	7087636	8N	0.1	1.44	35.2	3.4	1	140	0.6	0.14	0.2	9	25	16.4	2.25	5	0.03	0.09	20
1078761	411299	7088836	8N	0.5	1.99	157.6	15.8	5	158	3.4	0.93	0.5	10.3	26	86.2	2.33	5	0.05	0.06	21
1078762	411301	7088885	8N	0.3	1.99	330.5	13	4	193	3	0.78	0.3	13.4	27	60.8	2.3	6	0.06	0.07	30
1078763	411299	7088935	8N	0.2	0.97	62.9	1.2	5	128	0.8	2.12	0.5	5.9	15	28	0.99	3	0.08	0.06	10
1078764	411300	7088985	8N	1.4	2.1	1187.2	109.5	7	212	5.6	1.18	0.8	19.3	36	206	3.86	7	0.07	0.17	21

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1078715	0.54	268	1.1	0.01	24.4	0.06	10.8	0.025	52.6	3.6	0.8	25	0.2	8.8	0.058	0.5	4	44	3.6	48
1078716	0.49	234	0.9	0.009	20.1	0.065	10.4	0.025	38.8	3.5	1.2	32	0.3	9.8	0.057	0.3	4.1	39	4.8	45
1078717	0.65	353	1.1	0.01	25.5	0.094	13.9	0.025	27.7	5	1.1	28	0.1	11.7	0.09	0.5	5	49	2.9	56
1078718	0.54	319	1.1	0.012	21.9	0.075	11.8	0.025	15.4	3.5	1.1	32	0.1	9.8	0.074	0.4	4.6	46	3.3	59
1078719	0.6	448	1.2	0.008	25.1	0.086	11.7	0.025	26.8	4.4	0.5	39	0.2	10.4	0.085	0.4	3.7	49	2.2	65
1078721	0.55	295	1.3	0.008	24.7	0.074	10.9	0.025	21.1	3.9	1.1	20	0.2	6.5	0.071	0.4	2.9	50	3.8	68
1078722	0.52	337	1	0.009	24.1	0.073	10.5	0.025	15.7	3.7	0.7	20	0.1	6.8	0.069	0.3	2.7	47	1.2	62
1078724	0.56	436	1	0.006	40.4	0.042	11.2	0.025	23.8	2.5	0.25	9	0.1	5	0.049	0.3	1.7	34	2.9	59
1078725	0.51	363	2.4	0.008	16.8	0.07	11.2	0.025	1.9	2.9	0.25	30	0.1	7.4	0.078	0.2	4.1	47	4.9	61
1078726	0.41	245	2.1	0.007	15.5	0.048	12	0.025	1.2	2.1	0.25	15	0.1	5.7	0.091	0.2	1.5	55	3.4	55
1078727	0.41	326	1.6	0.008	17.6	0.066	10.7	0.025	1.6	2	0.25	16	0.1	4.7	0.067	0.2	1.7	46	3.1	63
1078728	0.29	233	1.8	0.005	12.1	0.041	13.1	0.025	2	1.6	0.25	11	0.1	4.6	0.06	0.2	1.5	49	2.2	50
1078729	0.57	377	1.4	0.007	16.5	0.073	11.5	0.025	1.8	3	0.25	32	0.1	8.9	0.087	0.3	3.6	50	2.4	60
1078730	0.45	380	2.5	0.007	15.9	0.079	12.1	0.025	2.6	2.6	0.25	24	0.1	3.9	0.057	0.2	4.7	48	2.1	59
1078731	0.37	166	3.7	0.009	13.2	0.061	11.3	0.025	1.4	1.3	0.25	16	0.1	0.8	0.025	0.3	6	45	1.2	44
1078732	0.39	378	3.6	0.008	14.5	0.066	11.6	0.025	3.6	2.8	0.25	24	0.1	4.1	0.041	0.2	12.6	43	2.1	52
1078733	0.41	256	2.3	0.006	15	0.06	11.5	0.025	6.4	2.4	0.25	18	0.1	2.9	0.047	0.3	8.6	47	2.3	51
1078734	0.45	298	2.2	0.006	16.3	0.059	11.1	0.025	8.1	2.9	0.5	14	0.1	3.1	0.05	0.3	10.2	48	2.1	54
1078735	0.4	370	1.4	0.005	15.1	0.061	10	0.025	9.6	2.2	0.25	15	0.1	3.2	0.052	0.3	5.4	44	1.6	53
1078736	0.46	235	1.1	0.006	17.9	0.041	13.6	0.025	2.5	2.1	0.25	22	0.1	2.1	0.036	0.2	4.2	36	0.4	56
1078738	0.38	362	0.8	0.01	18.1	0.079	11.3	0.025	26.5	2.1	0.25	32	0.1	6.2	0.041	0.1	2.5	38	3	62
1078739	0.44	407	1.2	0.008	21.1	0.073	10.7	0.025	30.8	2.5	0.25	29	0.1	8.7	0.062	0.3	5	46	4.4	71
1078740	0.42	400	1.2	0.009	19.5	0.091	9.8	0.025	10.2	2.2	0.6	23	0.1	7.3	0.053	0.2	5.6	43	1.4	63
1078741	0.31	281	0.9	0.005	18	0.045	8.1	0.025	1.8	1.5	0.25	10	0.1	3	0.04	0.1	1	39	1.2	57
1078742	0.43	365	0.8	0.007	14.8	0.083	7.7	0.025	4.5	2.7	0.25	25	0.1	9.5	0.076	0.3	9	39	4.7	57
1078743	0.39	300	0.9	0.006	18	0.066	8.3	0.025	3.9	1.7	0.25	14	0.1	6.5	0.052	0.2	1.8	40	1.6	51
1078744	0.46	289	1	0.007	19.9	0.076	9.6	0.025	45.6	2.4	0.25	18	0.1	6.8	0.069	0.2	2.7	43	2.8	58
1078745	0.46	398	2.1	0.007	19.8	0.08	12.3	0.025	39.4	2.3	0.25	19	0.1	9.5	0.083	0.4	5.2	46	8.6	68
1078746	0.47	347	1.7	0.007	18.3	0.075	11	0.025	39.7	2.5	0.25	16	0.1	7.1	0.069	0.3	5.2	49	5.4	61
1078747	0.43	374	2.1	0.007	16.9	0.078	11.2	0.025	56.2	2.3	0.25	19	0.1	5.7	0.064	0.3	4.8	46	6.4	60
1078749	0.44	350	1.1	0.007	20	0.076	9.5	0.025	9.7	2.2	0.25	16	0.1	9.4	0.086	0.3	2	45	7.3	60
1078750	0.45	433	1.3	0.008	16.3	0.053	11.9	0.025	3.5	2.1	0.25	17	0.1	10.1	0.11	0.3	1.8	51	5.7	61
1078751	0.33	220	1.6	0.006	14.3	0.041	12.2	0.025	14.6	2.6	0.25	14	0.1	8.8	0.045	0.3	5.7	53	2.8	47
1078752	0.32	197	2	0.006	13.6	0.047	14.2	0.025	16.7	2.1	0.25	15	0.1	3.8	0.031	0.3	5.2	48	3.1	50
1078753	0.39	366	1	0.007	19.7	0.08	8.7	0.025	5.4	1.8	0.25	14	0.1	9.8	0.07	0.2	1.9	40	8.8	62
1078754	0.41	313	1.4	0.006	18.7	0.065	10.2	0.025	5.2	2	0.25	14	0.1	6.1	0.062	0.2	1.9	43	4.9	60
1078755	0.32	224	1.6	0.006	12.5	0.05	10.4	0.025	3.6	1.4	0.25	14	0.1	2.8	0.06	0.2	1.7	43	3.6	44
1078756	0.42	315	2.1	0.006	16.2	0.073	12	0.025	5.1	2.7	0.6	17	0.1	5.2	0.056	0.2	5.2	45	6.2	58
1078757	0.45	292	1	0.008	14.7	0.079	7.3	0.025	3	1.9	0.25	16	0.1	8.9	0.081	0.3	2.5	39	12.9	55
1078758	0.38	335	1.4	0.006	15.6	0.066	10.5	0.025	2.4	1.9	0.25	15	0.1	5	0.054	0.2	3.2	45	4.6	54
1078759	0.17	85	1.2	0.007	7.5	0.062	10.4	0.025	1.8	0.7	0.25	10	0.1	0.4	0.02	0.3	2.7	29	2.2	27
1078760	0.42	401	0.9	0.006	14.7	0.06	9.9	0.025	6.1	2.2	0.25	11	0.1	5.7	0.051	0.2	2.8	38	1.7	56
1078761	0.46	414	0.9	0.079	25.8	0.079	20.4	0.025	22.9	3	0.7	53	0.1	5.2	0.053	0.1	1.2	48	0.7	71
1078762	0.47	349	0.8	0.055	30.2	0.074	14.6	0.025	8.7	2.9	0.7	63	0.1	7.2	0.053	0.1	1.8	44	0.9	62
1078763	0.19	526	0.7	0.032	11.6	0.095	11.8	0.22	3.8	0.8	0.8	53	0.1	0.7	0.02	0.05	0.7	18	0.1	39
1078764	0.83	484	2.1	0.063	53	0.091	15.2	0.025	452.6	4.4	1.5	87	0.1	5.7	0.054	0.5	2.3	58	0.4	99

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1078765	411298	7089035	8N	2.2	1.41	3070.8	139.4	3	206	11.3	0.7	1.3	16.1	24	145.2	3.85	4	0.09	0.11	21
1078766	411299	7089085	8N	0.2	2.38	492.9	5.2	5	179	3.8	2.49	0.5	19.9	20	51.3	2.16	6	0.05	0.15	16
1078767	411299	7089135	8N	0.3	3.53	281.7	7.9	2	273	3.7	1.02	0.6	25.6	38	97.8	3.72	10	0.06	0.13	28
1078768	411299	7089185	8N	0.1	1.45	44.3	2.1	12	121	0.6	2.79	0.4	6.7	20	25	1.03	4	0.06	0.04	10
1078769	411299	7089236	8N	0.6	3.91	1871.7	26.4	1	359	6.9	0.35	0.3	27.2	40	240.1	5.09	9	0.11	0.2	25
1078770	411307	7089284	8N	0.2	1.9	391.1	15.3	0.5	193	3.1	0.36	0.3	13.8	26	72	2.74	5	0.05	0.1	27
1078771	411299	7089337	8N	0.4	2.63	433.5	5.2	1	233	4.2	0.57	0.1	11.7	35	60.9	3.17	8	0.07	0.05	46
1078772	411301	7089384	8N	0.2	2.19	315.7	51.1	0.5	254	4.2	0.58	0.2	11.8	30	66.1	2.79	6	0.05	0.11	25
1078773	411300	7089435	8N	0.2	1.97	359.8	8	2	256	3.6	0.52	0.5	9.4	31	47.5	2.52	7	0.06	0.09	23
1078774	411300	7089486	8N	0.05	1.45	80.6	6	0.5	99	1	0.18	0.2	6.1	26	25.4	1.94	4	0.03	0.05	17
1078776	411300	7089536	8N	0.2	1.51	72.7	6.4	0.5	98	1	0.14	0.1	7.5	25	22.5	2.15	4	0.03	0.05	16
1078778	411299	7089586	8N	0.2	1.58	90.7	8.3	0.5	115	1.5	0.13	0.05	7.5	30	27.7	2.46	5	0.04	0.05	17
1078779	411299	7089636	8N	0.1	1.58	49.6	10	0.5	116	2.1	0.13	0.1	9.1	28	24.3	2.52	5	0.04	0.05	16
1078780	411299	7089686	8N	0.1	1.77	60	16.8	2	191	2.5	0.3	0.1	8.4	26	19	2.41	5	0.04	0.04	15
1078781	411300	7089736	8N	0.1	1.45	127.4	4.6	0.5	124	1.9	0.17	0.1	7	20	26	2.2	4	0.03	0.05	14
1078782	411298	7089786	8N	0.05	1.22	60.6	5.1	1	119	0.7	0.22	0.1	7	21	25.2	2.14	4	0.02	0.05	16
1078783	411300	7089837	8N	0.05	1.53	34.9	3.9	2	143	1	0.14	0.2	6.5	23	18.6	2.22	5	0.02	0.03	16
1078784	411300	7089887	8N	0.05	1.35	61.4	2.2	0.5	179	0.7	0.27	0.2	7.8	23	25	2.06	4	0.03	0.05	28
1078785	411300	7089936	8N	0.05	1.67	29.4	1.6	0.5	161	0.5	0.2	0.2	8.6	27	20.3	2.44	5	0.03	0.05	21
1078786	411298	7089986	8N	0.05	1.79	20.9	2.7	0.5	168	0.7	0.29	0.2	7.3	27	17.4	2.34	6	0.02	0.04	14
1078787	411300	7090036	8N	0.2	1.54	14.4	3.4	3	189	1.3	0.45	0.3	6.1	23	13.4	2.1	6	0.03	0.03	12
1078788	411299	7090087	8N	0.1	1.9	22	1	1	197	0.6	0.32	0.2	9.2	29	14.1	2.44	6	0.04	0.05	15
1078789	411299	7090136	8N	0.05	1.28	11.3	1.7	0.5	132	0.3	0.2	0.05	6.8	24	13.7	2.09	4	0.03	0.03	13
1078790	411299	7090186	8N	0.05	1.74	11.2	17.8	1	229	2	0.42	0.3	10.1	26	28.1	2.32	5	0.03	0.05	15
1078791	411299	7090236	8N	0.1	1.9	11.9	1.2	2	204	0.3	0.26	0.2	8.9	27	19.1	2.31	6	0.03	0.05	15
1078792	411299	7090287	8N	0.05	1.92	13.7	3.2	0.5	236	0.2	0.21	0.3	12.7	30	21.8	2.61	6	0.03	0.08	16
1078797	408063	7087329	8N	0.9	1.5	12.5	5.2	1	305	0.2	0.46	0.9	11	32	45.8	2.96	5	0.04	0.09	21
1078798	408015	7087342	8N	0.3	1.93	10.9	1.8	1	348	0.3	0.59	0.5	12.3	50	34.1	3.4	6	0.04	0.17	21
1078799	407965	7087350	8N	0.2	1.52	8.6	3.9	0.5	291	0.2	2.36	0.2	10.7	27	22.8	2.63	4	0.03	0.07	19
1078800	407916	7087362	8N	0.2	1.4	8.2	1.8	2	226	0.2	5.72	0.3	10.9	28	24.8	2.48	4	0.03	0.08	14
1078833	413432	7082536	8N	0.05	1.21	19.1	1.9	0.5	90	0.5	0.02	0.05	5.5	17	35.3	3.34	4	0.02	0.05	55
1078835	413475	7082511	8N	0.1	1.29	1.6	2.1	0.5	100	0.5	0.02	0.1	19	12	74.3	5.77	3	0.02	0.08	50
1078836	413525	7082509	8N	0.05	1.03	12.2	1.4	2	74	0.2	0.08	0.2	7.8	16	19.7	2.34	3	0.03	0.03	17
1078884	412101	7088787	8N	0.2	1.74	213.1	1.2	2	215	2.8	0.23	0.2	15.8	49	52.4	3.73	6	0.01	0.18	28
1078885	412096	7088738	8N	0.5	1.25	252.1	24.8	3	94	5.7	0.05	0.2	5.2	16	70	2.79	4	0.05	0.06	22
1078886	412098	7088686	8N	0.2	1.29	108.7	10.7	1	132	2.4	0.09	0.4	20.1	25	79.2	3.86	4	0.05	0.17	26
1078887	412096	7088638	8N	0.1	1.26	264.7	12.1	0.5	185	2.1	0.16	0.4	19.8	23	54.6	2.65	4	0.02	0.13	22
1078888	412097	7088587	8N	0.5	2.78	356.7	44.9	2	121	16	0.19	0.4	38.3	23	443.1	3.76	6	0.005	0.11	97
1078889	412097	7088536	8N	0.3	2.69	35.4	6.1	2	178	0.6	0.05	0.1	37.9	33	99.6	7.15	8	0.06	0.41	23
1078890	412099	7088487	8N	0.2	1.81	260.9	5.2	1	134	0.9	0.09	0.1	32.6	28	108.2	5.31	5	0.02	0.48	19
1078891	412098	7088436	8N	0.2	1.57	123.7	8.7	2	126	2.1	0.08	0.1	32.6	24	80.3	5.05	4	0.03	0.32	17
1078892	412097	7088386	8N	0.1	1.71	160.9	17.4	2	106	1.8	0.07	0.2	23.4	26	56.2	3.94	5	0.02	0.23	18
1078893	412098	7088335	8N	0.2	1.85	880.4	21.3	2	140	2.7	0.06	0.1	25.9	35	125.4	5.53	5	0.03	0.41	20
1078894	412097	7088288	8N	0.4	1.79	1860.1	17.5	2	131	3.5	0.06	0.2	25.8	36	143.5	6.09	5	0.02	0.4	19
1078895	412099	7088236	8N	0.5	1.95	441.7	11.6	2	121	2.6	0.06	0.6	52.5	59	133.6	6.99	5	0.03	0.35	21
1078896	412096	7088187	8N	0.3	2.19	1142.2	14.3	2	138	1.6	0.05	0.1	27.7	118	150.1	8.57	7	0.02	0.66	20

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1078765	0.57	472	1.1	0.04	36.9	0.092	87	0.025	1008.6	5.2	1.4	67	0.1	6	0.036	0.3	1.4	43	0.3	94
1078766	0.57	433	0.6	0.058	27	0.097	12.7	0.18	6.7	2	0.5	113	0.1	2.3	0.037	0.3	1.1	29	0.6	47
1078767	0.98	627	0.7	0.043	42.9	0.088	20.1	0.025	6.8	4.3	0.8	104	0.1	5.8	0.066	0.2	1.9	48	0.2	79
1078768	0.27	373	1.1	0.085	17.7	0.076	18.4	0.19	1.7	0.8	0.6	99	0.1	0.9	0.021	0.1	0.8	16	0.1	47
1078769	0.89	396	2.6	0.022	52.6	0.151	13.4	0.08	5.4	4.2	2.2	55	0.1	4.5	0.066	0.5	3.2	68	0.6	66
1078770	0.58	305	0.9	0.013	31.5	0.085	11.8	0.025	5.8	3.1	1.1	41	0.1	6.8	0.056	0.2	2.5	44	1	67
1078771	0.72	417	1.3	0.011	22.9	0.085	22.3	0.025	7.3	3.4	1	42	0.1	4.4	0.027	0.2	5.8	52	0.3	65
1078772	0.61	336	1.1	0.013	24.8	0.075	12	0.025	7.1	3.1	0.6	78	0.1	5.9	0.058	0.2	2.6	50	0.6	64
1078773	0.52	403	1.3	0.013	22.1	0.101	14.6	0.09	10.6	2.1	0.8	45	0.1	1.9	0.035	0.2	2.2	42	0.4	55
1078774	0.39	187	0.8	0.005	16.9	0.064	7.7	0.025	9	1.8	0.25	13	0.1	3	0.043	0.2	1.6	40	0.6	53
1078776	0.37	278	1	0.005	15.1	0.065	9	0.025	4.7	1.9	0.25	11	0.1	2.3	0.039	0.1	1.5	39	0.7	54
1078778	0.42	251	1.5	0.005	17	0.057	10.9	0.025	9.8	1.9	0.5	11	0.1	1.3	0.033	0.2	2.3	48	0.3	58
1078779	0.41	372	1.4	0.005	16.7	0.062	10.7	0.025	3.5	1.9	0.25	12	0.1	1.2	0.032	0.2	1.7	49	0.3	60
1078780	0.43	517	1.2	0.007	18.7	0.082	10.8	0.025	2.9	1.6	0.5	21	0.1	1	0.023	0.2	2.1	42	0.5	74
1078781	0.37	274	0.9	0.006	16.8	0.053	10.5	0.025	15	1.9	0.6	13	0.1	4.1	0.031	0.2	1.6	35	0.6	55
1078782	0.36	225	0.9	0.005	18.6	0.064	8.1	0.025	9.6	1.8	0.6	14	0.1	3.8	0.042	0.2	1	38	0.5	52
1078783	0.39	228	0.6	0.006	15.6	0.06	10.5	0.025	1.2	2	0.7	14	0.1	2.6	0.03	0.1	4	38	0.5	56
1078784	0.39	272	1.2	0.008	20.3	0.06	9.8	0.025	1	2.6	0.25	22	0.1	5.2	0.046	0.1	4.1	39	0.5	58
1078785	0.43	331	0.9	0.007	19.6	0.056	12.6	0.025	0.9	2.4	0.7	18	0.1	3.8	0.041	0.2	1.8	45	0.4	63
1078786	0.39	296	0.9	0.008	18.5	0.055	13.1	0.025	1	1.7	0.8	18	0.1	1.4	0.033	0.1	1.1	45	0.3	62
1078787	0.4	421	0.6	0.008	14.4	0.09	18.8	0.06	0.8	1.3	0.7	24	0.1	1.2	0.015	0.1	1	36	0.3	60
1078788	0.48	511	0.7	0.007	18.6	0.08	19.5	0.025	1.1	2	0.25	20	0.1	1.1	0.036	0.2	0.8	50	0.3	64
1078789	0.35	260	0.8	0.004	15	0.054	12.6	0.025	0.8	1.5	0.25	14	0.1	1.4	0.027	0.1	0.7	43	0.2	47
1078790	0.9	362	0.8	0.008	28	0.09	22.5	0.025	0.9	2.8	0.6	24	0.1	4.5	0.04	0.1	1	47	0.4	73
1078791	0.44	353	1.1	0.009	21	0.072	21.5	0.025	1	1.8	0.6	18	0.1	1.1	0.04	0.2	0.9	49	0.3	65
1078792	0.54	412	1.2	0.008	23	0.07	22.9	0.025	1.3	3.5	0.5	17	0.1	2.7	0.063	0.2	1.1	56	0.2	89
1078797	1.03	403	2	0.006	29.3	0.117	42.2	0.025	11.3	3.2	0.5	35	0.1	6.8	0.058	0.2	1.4	44	0.1	113
1078798	1.33	547	1.8	0.009	27.3	0.1	23.2	0.025	5.4	5.4	0.25	45	0.1	8.7	0.107	0.3	1	70	0.2	98
1078799	1.02	535	0.8	0.007	24.4	0.071	15.2	0.025	1.8	3.6	0.25	76	0.1	4.5	0.043	0.1	0.8	38	0.2	61
1078800	1.18	372	0.7	0.008	23.9	0.071	14.9	0.025	2.5	3.1	0.25	114	0.1	4.6	0.052	0.1	0.6	33	0.2	66
1078833	0.5	132	1.1	0.006	11.2	0.034	17.9	0.025	0.4	1	0.25	11	0.1	21.1	0.003	0.05	2	14	0.05	58
1078835	0.26	379	2.1	0.006	50.3	0.043	37.6	0.025	0.4	2.2	0.25	7	0.1	26.7	0.001	0.05	3.9	8	0.05	102
1078836	0.31	237	0.7	0.005	18.2	0.035	14.8	0.025	0.6	1.4	0.25	9	0.1	4.1	0.019	0.05	0.8	28	0.2	50
1078884	0.67	405	0.8	0.005	33.1	0.071	18.9	0.025	8.4	4.4	0.25	22	0.1	10.8	0.054	0.3	3	50	0.6	67
1078885	0.19	133	1.2	0.005	15.6	0.074	21.1	0.06	16.9	1.3	0.25	12	0.1	1.4	0.013	0.3	3.8	28	1.1	41
1078886	0.39	504	1.5	0.006	36.5	0.079	18.7	0.025	18.6	2.8	0.7	17	0.1	8.7	0.032	0.4	3	36	1.7	67
1078887	0.41	628	0.7	0.005	34.5	0.056	20.4	0.025	12.9	2.4	0.25	19	0.1	8.5	0.028	0.2	2.2	28	1.4	68
1078888	0.52	727	0.9	0.005	23.9	0.088	21.7	0.025	6	6.6	0.8	34	0.3	17.6	0.008	0.3	12.2	32	1.6	51
1078889	0.56	789	1.8	0.024	63.2	0.113	20.4	0.25	18.6	3.4	0.9	34	0.1	7.4	0.049	0.5	4.1	45	0.2	120
1078890	0.61	620	2.1	0.019	56.2	0.059	15.3	0.2	20.7	3.4	0.6	35	0.1	10.6	0.049	0.5	2.5	34	0.7	76
1078891	0.49	580	1.4	0.023	58.8	0.076	17.7	0.29	7.6	2.2	0.5	34	0.1	10.5	0.044	0.4	2.4	34	0.5	77
1078892	0.53	497	1.2	0.015	40.3	0.051	14.4	0.16	42.4	2.3	0.6	26	0.1	6.5	0.052	0.3	1.8	42	0.6	65
1078893	0.57	498	1.5	0.023	48.8	0.067	15.8	0.37	124.2	3.2	0.25	36	0.1	8.7	0.048	0.5	2.6	43	0.5	65
1078894	0.59	438	1.2	0.022	47.8	0.094	16.8	0.29	25.2	3.6	1.3	39	0.1	13.7	0.055	0.5	4.3	40	0.6	62
1078895	0.62	950	2	0.025	78.1	0.088	31.7	0.22	19.9	3.5	0.6	42	0.1	12.9	0.054	0.5	3.8	44	0.6	98
1078896	0.81	461	2.4	0.042	56.3	0.096	15.6	0.37	18.2	4.7	1.3	62	0.1	14.8	0.094	0.9	3.9	55	0.4	81

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1078897	412097	7088136	8N	0.3	1	66.7	2.2	3	86	1	0.05	0.3	6.1	18	27.9	2.13	3	0.13	0.08	12
1078898	412095	7088087	8N	0.7	2.18	1372.2	27.6	1	195	6.7	0.09	0.4	47.1	153	172.6	6.63	7	0.06	0.5	20
1078899	412098	7088037	8N	0.4	1.99	1633.3	25	3	138	3.2	0.02	0.05	7	82	137	8.9	7	0.01	0.61	17
1078900	412099	7087987	8N	1.2	1.67	1517.3	31.4	2	225	10.1	0.01	0.1	4.9	69	162	7.27	5	0.03	0.58	17
1078901	410000	7087386	8N	0.2	1.96	40.8	12.7	1	252	0.9	0.14	0.3	10	34	34.9	2.72	6	0.02	0.21	15
1078902	409998	7087336	8N	0.2	2.09	16.5	6.2	0.5	272	0.5	0.13	0.2	9.4	37	27.1	2.86	6	0.08	0.18	16
1078903	409998	7087286	8N	0.1	1.53	16.4	6.6	0.5	146	0.3	0.1	0.1	8.7	28	22.7	2.69	5	0.04	0.1	15
1078904	410999	7088787	8N	0.5	1.55	467.9	27.8	2	182	4.9	0.26	0.3	9.7	30	74.1	2.59	5	0.06	0.08	24
1078905	410998	7088737	8N	0.4	1.46	269.7	25.6	1	173	4	0.24	0.4	10.6	30	48.5	2.39	4	0.06	0.09	31
1078906	410997	7088688	8N	0.4	1.87	262	24.6	1	326	6.1	0.24	0.6	11.3	33	61	2.62	5	0.07	0.09	34
1078907	410986	7088633	8N	0.4	1.64	282.7	59.2	1	332	4.9	0.4	0.4	11.6	33	146.4	2.7	5	0.05	0.12	31
1078908	410999	7088587	8N	1.2	1.08	277.8	25.9	1	131	43.1	0.21	0.4	9.3	24	27.6	2.24	3	0.05	0.06	18
1078909	410998	7088537	8N	0.1	1.34	61.8	13.3	1	153	1.3	0.27	0.3	10.6	28	31.9	2.42	3	0.04	0.09	21
1078911	411002	7088486	8N	0.2	1.48	41.9	12.2	0.5	170	0.8	0.23	0.3	9.3	31	43.5	2.49	4	0.05	0.09	25
1078912	410698	7088036	8N	0.05	1.21	30.5	4.2	2	93	0.4	0.11	0.3	6	23	14.5	2.42	5	0.04	0.06	17
1078913	410699	7087987	8N	0.1	1.22	157.1	10.4	2	199	2	0.21	0.3	7.4	29	20.8	2.45	5	0.06	0.09	22
1078914	410697	7087937	8N	0.2	1.22	307.4	8.4	2	217	3	0.31	0.4	7.4	30	25.5	2.35	5	0.03	0.15	23
1078915	410700	7087887	8N	0.2	1.06	201.3	6.4	1	165	2.3	0.19	1	6	22	15.2	2.29	5	0.05	0.09	15
1078916	410699	7087837	8N	0.2	1.21	205.1	5.7	1	131	1.7	0.12	0.3	7.6	25	17.2	2.53	5	0.04	0.07	18
1078917	410699	7087786	8N	0.2	1.64	295.8	21	1	258	3.5	0.35	0.2	10	37	29.9	2.78	6	0.05	0.1	36
1078918	410697	7087735	8N	0.1	1.3	206.9	7.1	0.5	139	1.8	0.14	0.05	6.6	26	16.6	2.22	5	0.03	0.05	18
1078919	410699	7087686	8N	0.2	1.2	50.2	7.5	0.5	172	1.4	0.31	0.3	8.3	31	25.2	1.98	4	0.04	0.1	30
1078920	410699	7087637	8N	0.2	1.34	103.3	5.1	0.5	240	1.1	0.22	0.1	5.7	25	14.4	1.89	4	0.04	0.06	29
1078921	410698	7087386	8N	0.1	1.68	61.4	9.4	2	161	1	0.15	0.05	9.2	31	18.6	2.73	6	0.03	0.08	21
1078922	410697	7087336	8N	0.2	1.71	68.3	17	2	173	1.3	0.16	0.1	8.4	31	19.7	2.81	6	0.05	0.07	22
1078923	410698	7087286	8N	0.2	1.62	64	24.1	2	263	1.5	0.36	0.2	10.1	33	25	2.67	6	0.05	0.13	27
1078924	411197	7087986	8N	0.3	1.25	80.2	16.4	2	192	1.5	0.18	0.2	5.7	25	27	2.09	5	0.05	0.08	33
1078925	411200	7087936	8N	0.2	1.19	62.4	7.7	1	233	1	0.21	0.2	7	27	25.4	2.29	4	0.04	0.09	25
1078926	411197	7087886	8N	0.1	1.22	39.7	11.6	1	170	0.6	0.17	0.3	7.2	23	20.6	2.16	4	0.03	0.07	23
1078927	411199	7087835	8N	0.2	1.47	77.1	12	1	294	0.8	0.29	0.2	8.6	30	23.7	2.51	6	0.05	0.1	25
1078928	411198	7087787	8N	0.1	1.06	45.3	9.5	2	181	0.5	0.21	0.05	8.4	22	16.9	1.94	4	0.02	0.07	21
1078929	411199	7087735	8N	0.05	1.03	29.1	0.8	0.5	109	0.4	0.23	0.4	8.5	23	24.1	2.34	3	0.04	0.08	20
1078930	411199	7087685	8N	0.1	1.18	25.2	7	1	106	0.5	0.14	0.2	7.2	23	17.2	2.22	4	0.03	0.06	15
1078931	411197	7087634	8N	0.1	1.5	38.3	11.5	1	116	0.7	0.14	0.2	7.5	26	20.1	2.47	5	0.03	0.07	17
1078932	411201	7087585	8N	0.1	1.8	50	12.7	3	165	1.4	0.15	0.2	9.1	29	23.2	2.67	6	0.03	0.08	28
1078933	411197	7087536	8N	0.05	1.5	34	4.1	0.5	108	0.7	0.11	0.05	7.2	25	17.3	2.41	5	0.03	0.05	20
1078934	411198	7087386	8N	0.2	1.46	17	6.4	1	144	0.4	0.22	0.05	7.3	26	22.9	2.25	4	0.04	0.06	23
1078935	411196	7087336	8N	0.1	1.54	14.2	2.6	1	161	0.4	0.2	0.05	7	26	21.6	2.11	4	0.03	0.07	21
1078936	411700	7088836	8N	0.8	1.96	3475	73.7	2	233	22.6	0.42	0.6	14.3	33	227	3.86	7	0.03	0.1	53
1078937	411699	7088886	8N	0.3	1.66	2471.8	43.4	1	193	12.9	0.22	0.6	12.3	31	139.9	3.59	6	0.03	0.07	40
1078938	411696	7088937	8N	1.1	2.05	1670.2	31.8	2	206	13.7	0.43	0.3	13.2	38	247.5	4.19	8	0.04	0.12	61
1078939	411697	7089038	8N	0.2	1.99	115	5	2	206	1.5	0.41	0.4	9.8	25	29.7	2.37	6	0.05	0.05	19
1078940	411699	7089086	8N	0.05	1.69	59.2	4.8	2	71	1.2	0.07	0.05	5	21	11.7	2.42	7	0.07	0.03	13
1078941	411700	7089136	8N	0.1	2.34	39.8	4.6	2	112	2.8	0.19	0.3	8	24	23.2	2.42	8	0.04	0.04	18
1078942	411697	7089188	8N	0.2	3.12	99	9.8	1	163	5.8	0.34	0.4	9.2	28	29	2.23	9	0.07	0.05	20
1078943	411699	7089236	8N	0.2	2.18	71.5	13.2	3	331	6.6	0.47	0.5	8.5	26	39.5	2.28	6	0.04	0.04	28

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1078897	0.13	222	1	0.008	16.2	0.163	18.5	0.2	5.2	0.6	1	9	0.1	0.5	0.006	0.4	1.9	23	0.1	43
1078898	0.89	794	1.5	0.036	83.9	0.108	21.8	0.36	22.8	4.8	1.2	50	0.1	12.4	0.078	0.9	4	53	0.6	83
1078899	0.68	219	2.5	0.032	18.8	0.088	23.3	0.48	25.7	5.5	1.9	29	0.1	19.7	0.072	0.8	3.2	52	3.7	64
1078900	0.56	153	1.2	0.04	24.6	0.077	21.1	0.5	22.1	4.5	1.7	27	0.2	16.6	0.066	0.9	2.9	38	0.4	44
1078901	0.53	334	0.9	0.006	28.1	0.053	8.6	0.07	1.5	3.8	0.25	16	0.1	6.2	0.073	0.3	1.2	47	0.3	67
1078902	0.56	307	1	0.006	30.3	0.062	8.9	0.025	1	3.4	0.25	18	0.1	3.7	0.067	0.3	1.3	51	0.4	64
1078903	0.43	288	1	0.005	20.5	0.052	10.4	0.025	1	2.5	0.25	12	0.1	3.4	0.045	0.2	1	42	0.5	61
1078904	0.46	373	1.3	0.009	22.2	0.094	12.9	0.025	22.4	2.4	0.25	27	0.1	6.5	0.063	0.2	4.3	51	2.3	70
1078905	0.46	587	1.3	0.009	21.4	0.098	13.1	0.025	5.8	2.8	0.5	22	0.1	10.7	0.075	0.2	5.5	50	3	69
1078906	0.48	462	1.5	0.009	29.7	0.1	13.9	0.025	3.8	3.6	0.25	27	0.1	11.1	0.089	0.3	9.2	55	4.2	94
1078907	0.5	470	1.7	0.012	30	0.116	13	0.025	3.6	4.2	0.5	101	0.1	11.7	0.096	0.2	17.3	61	3.7	99
1078908	0.38	353	1.1	0.008	23.2	0.086	14.5	0.025	2.4	1.8	0.25	16	0.1	6.8	0.059	0.2	1.5	42	4.9	64
1078909	0.48	482	1.7	0.008	25.7	0.103	10.5	0.025	2.5	2.3	0.25	25	0.1	8.4	0.078	0.2	1.8	47	4.3	69
1078911	0.52	385	2	0.007	22.2	0.094	12	0.025	5	3.4	0.25	25	0.1	10.1	0.068	0.2	5.2	51	1.5	64
1078912	0.33	213	1.5	0.006	15.2	0.039	11.4	0.025	1	1.8	0.25	11	0.1	7.9	0.091	0.2	1.3	50	3.4	44
1078913	0.41	341	2.7	0.007	15.7	0.066	13.1	0.025	3.7	2.7	0.25	20	0.1	6.2	0.055	0.2	3.6	48	3.5	58
1078914	0.52	317	1.6	0.009	16	0.062	11.6	0.025	3.3	3.1	0.25	26	0.1	8.7	0.082	0.3	3	45	6.3	59
1078915	0.33	249	1.8	0.007	13.2	0.048	13.3	0.025	2.2	1.7	0.25	22	0.1	5.2	0.062	0.2	1.6	45	2.7	58
1078916	0.38	339	1.8	0.005	16.1	0.05	12.6	0.025	2.4	2.1	0.25	14	0.1	4.4	0.048	0.2	2.3	43	1.9	61
1078917	0.54	484	2.9	0.01	18.6	0.084	15.6	0.025	2.8	3.2	0.5	41	0.1	5.6	0.067	0.3	8	60	1.5	67
1078918	0.37	390	2.7	0.006	13	0.054	11	0.025	1.4	1.8	0.25	16	0.1	1.9	0.035	0.2	5.3	46	0.7	45
1078919	0.52	158	2.1	0.009	17.3	0.081	11.4	0.025	4.5	3.3	0.25	26	0.1	8.7	0.081	0.3	10.4	43	3.5	65
1078920	0.38	213	2.4	0.007	13.8	0.064	10.1	0.025	3.3	2.1	0.25	25	0.1	2.1	0.04	0.2	7.1	39	1.4	49
1078921	0.5	467	1.6	0.006	17.6	0.076	14.4	0.025	1.7	2.8	0.7	16	0.1	4	0.053	0.3	4.3	54	1	66
1078922	0.48	406	1.7	0.007	17	0.077	14.7	0.025	1.9	2.9	0.7	18	0.1	4.5	0.054	0.3	4.3	55	1.3	61
1078923	0.57	570	1.4	0.012	18.1	0.086	13.9	0.025	1.8	3.4	0.25	37	0.1	6.6	0.096	0.3	4.4	58	1.2	68
1078924	0.39	175	1.5	0.008	14.7	0.079	10.9	0.08	6.1	3	0.25	19	0.1	6.5	0.051	0.2	5.5	39	7.6	59
1078925	0.4	288	1.5	0.009	17.4	0.08	10.6	0.025	5	2.7	0.5	20	0.1	7.1	0.063	0.2	4	43	6.7	62
1078926	0.39	308	1.1	0.007	15.5	0.072	11	0.025	2.9	2.3	0.25	16	0.1	6.4	0.056	0.2	3.2	38	4.3	55
1078927	0.46	391	1.8	0.01	19	0.076	12.6	0.025	4.5	2.5	0.25	25	0.1	6.3	0.07	0.3	3.8	52	7.8	69
1078928	0.37	407	1.4	0.007	14	0.058	9.1	0.025	2.9	1.7	0.8	19	0.1	3.7	0.047	0.2	3.2	40	7.4	47
1078929	0.38	333	0.9	0.006	20.3	0.082	8.5	0.025	4	1.9	0.25	17	0.1	6.7	0.057	0.1	1.9	41	2.1	61
1078930	0.38	345	1.4	0.005	15	0.052	8.8	0.025	2.4	1.4	0.6	12	0.1	1.6	0.036	0.2	2.3	41	1.1	57
1078931	0.46	307	1.3	0.006	17.1	0.059	9.7	0.025	7.4	1.9	0.25	13	0.1	2.1	0.043	0.2	3.3	46	1.2	59
1078932	0.51	305	1.4	0.011	18.8	0.068	12.8	0.025	2.8	2.6	0.7	16	0.1	2.2	0.047	0.3	5.7	51	0.9	63
1078933	0.42	269	1.4	0.005	16.1	0.055	9.9	0.025	3.9	2.1	0.7	12	0.1	1.9	0.037	0.2	5	45	0.4	56
1078934	0.47	254	1	0.007	18.1	0.063	8.4	0.025	2.7	2.6	0.25	16	0.1	5.2	0.052	0.2	4.8	39	0.6	57
1078935	0.5	208	1.1	0.007	18.7	0.062	7.9	0.025	2.7	2.6	0.25	16	0.1	4.2	0.05	0.2	3.1	39	0.5	57
1078936	0.71	521	1.2	0.007	22.6	0.101	27.9	0.025	81.9	5.2	1	50	0.3	17.5	0.027	0.3	15.7	45	2.5	66
1078937	0.55	538	1.3	0.007	21.8	0.08	20.9	0.025	56.9	4.2	1	36	0.4	9.6	0.034	0.3	11.5	45	1.9	72
1078938	0.64	526	2.3	0.01	18.7	0.114	28.4	0.05	104.4	6.1	2.4	51	0.1	15.8	0.041	0.5	22.3	52	1.5	67
1078939	0.47	426	0.7	0.024	22	0.098	15.5	0.06	4.6	2.4	0.7	31	0.1	3	0.042	0.2	1.2	39	0.6	62
1078940	0.22	153	1.2	0.005	10.8	0.034	13.7	0.025	1.6	1.6	1	9	0.1	2.8	0.034	0.1	0.7	50	0.4	37
1078941	0.32	427	1.2	0.019	16.1	0.085	17.1	0.05	1.7	1.7	0.9	26	0.1	2.5	0.035	0.1	1.7	43	1.3	67
1078942	0.43	519	1.2	0.033	21	0.116	19.8	0.07	1.5	2.2	1.1	30	0.1	3.7	0.043	0.2	2.3	39	0.8	76
1078943	0.44	371	0.8	0.033	22.9	0.091	13.9	0.025	1.7	2.8	0.8	38	0.1	6.9	0.049	0.1	2.2	42	1.5	68

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1078944	411698	7089287	8N	0.05	2.51	30.8	5.1	3	125	2	0.2	0.4	9.2	24	19.7	2.27	7	0.03	0.05	19
1078945	411698	7090138	8N	0.05	1.1	11.5	3.3	2	97	0.6	0.1	0.2	4.3	18	8.9	2.23	6	0.02	0.03	13
1078946	411698	7090188	8N	0.7	1.73	360.8	8.3	2	215	1.8	0.55	0.9	7.7	21	24.5	2.08	5	0.04	0.04	22
1078947	411699	7090239	8N	0.3	1.66	15.8	2	2	266	0.4	0.69	0.4	9.1	27	23.2	2.54	5	0.05	0.05	19
1078948	411699	7090287	8N	0.5	1.55	16.9	2.4	4	233	0.4	0.81	0.7	8.1	25	27.7	2.4	5	0.05	0.05	19
1078949	410502	7088937	8N	2.4	1.77	3988.8	1198.7	1	188	232.6	0.86	0.2	21.3	17	451.7	6.82	5	0.07	0.06	14
1078950	410499	7088984	8N	0.4	1.99	278.8	19.7	1	175	3.8	1.3	0.5	9	20	50.7	2.06	5	0.04	0.06	17
1078951	411998	7087838	8N	0.05	1.27	34.5	17.2	3	92	0.2	0.07	0.2	13.3	21	34.7	3.01	3	0.03	0.08	13
1078952	411998	7087788	8N	0.05	1.18	31.4	1.9	0.5	74	0.3	0.05	0.1	4.9	22	23.8	2.62	5	0.06	0.09	16
1078953	411999	7087737	8N	0.2	1.66	41.1	18.8	1	102	0.5	0.05	0.05	7.9	26	46.8	3.4	5	0.04	0.14	20
1078954	411999	7087686	8N	0.2	1.53	66.6	6.9	0.5	144	0.8	0.06	0.3	32.6	27	73.9	3.87	4	0.03	0.14	19
1078955	411999	7087637	8N	0.1	1.85	86.8	2.6	0.5	119	0.9	0.06	0.2	10.6	27	65.1	4.19	6	0.04	0.15	20
1078956	411998	7087587	8N	0.05	1.66	84.8	5	1	138	1	0.06	0.3	8.3	29	32.9	3.48	6	0.05	0.12	21
1078957	411998	7087537	8N	0.05	1.91	81.5	6.5	1	236	0.6	0.07	0.4	14.9	34	39.7	3.6	6	0.05	0.18	20
1078958	411998	7087488	8N	0.1	1.54	112.2	8.9	1	134	0.8	0.07	0.3	10.4	30	39	3.41	5	0.04	0.13	23
1078959	411998	7087436	8N	0.4	3.06	184	35.5	0.5	444	5.3	0.17	0.1	13.9	28	70	3.76	10	0.02	0.54	20
1078960	411999	7087383	8N	0.05	1.28	31.4	17.9	1	136	0.5	0.16	0.3	10.2	26	33.5	2.75	4	0.06	0.13	21
1078961	411999	7087336	8N	0.1	1.52	61.9	6	1	149	1.3	0.09	0.1	10.4	25	39.3	3.02	5	0.03	0.14	17
1078962	411999	7087287	8N	0.05	1.94	20.1	3.3	1	276	0.7	0.31	0.2	9.9	21	29.1	2.88	6	0.02	0.29	24
1078963	412198	7087286	8N	0.1	1.64	27.1	21	1	150	0.8	0.09	0.2	10.6	23	24.8	2.58	4	0.03	0.1	18
1078964	412195	7087331	8N	0.05	1.93	31.7	7.1	1	146	1	0.12	0.2	14.3	26	31.8	3.12	5	0.03	0.17	22
1078965	412199	7087389	8N	0.05	1.73	58.5	11.8	0.5	176	3.3	0.15	0.2	11.8	23	27.5	2.84	5	0.04	0.11	17
1078966	412198	7087487	8N	0.05	1.59	14.1	3.4	1	124	0.4	0.09	0.1	10.3	24	22.6	2.77	4	0.03	0.08	18
1078967	410898	7088038	8N	0.3	1.2	113.3	13.3	0.5	262	1.5	0.26	0.2	8.1	26	18.7	2.16	5	0.04	0.08	20
1078968	410898	7087986	8N	0.05	1.42	71.6	9.4	1	150	0.7	0.19	0.3	8.9	25	14.9	2.24	4	0.04	0.09	15
1078969	410899	7087937	8N	0.2	1.24	66.8	2.7	1	150	0.9	0.14	0.3	5.7	24	12.7	2.25	5	0.04	0.07	14
1078970	410898	7087887	8N	0.2	1.2	68.8	4.9	0.5	278	1	0.26	0.3	7.1	22	15.9	1.99	4	0.02	0.08	19
1078971	410897	7087837	8N	0.2	0.94	129.1	88.7	1	148	1.1	0.21	0.2	6.2	22	14.3	1.86	3	0.03	0.08	17
1078972	410906	7087787	8N	0.3	1.34	111.7	10.7	0.5	224	0.9	0.22	0.2	8.5	26	20.8	2.36	5	0.05	0.08	20
1078973	410898	7087736	8N	0.1	1.06	79.5	2.6	1	180	1	0.2	0.2	6.4	23	16.2	1.96	4	0.05	0.07	19
1078974	410898	7087237	8N	0.1	1.13	42.8	1	1	154	0.5	0.36	0.4	9	30	23.5	2.54	4	0.04	0.09	25
1078976	410897	7088286	8N	0.1	1.61	126.4	6.5	1	223	2.2	0.28	0.3	10.6	32	31.3	2.35	5	0.03	0.16	26
1078977	410899	7088236	8N	0.1	1.15	42.8	2.5	2	132	1.1	0.18	0.3	7.3	26	16.5	2.39	5	0.04	0.09	15
1078978	410899	7088186	8N	0.05	1.3	23.7	12.8	2	134	0.6	0.18	0.2	7.7	24	17.2	2.24	5	0.04	0.07	17
1078979	410899	7088135	8N	0.2	1.62	197.9	11.8	0.5	142	1.6	0.18	0.4	10	28	19.7	2.57	5	0.04	0.09	23
1078980	410899	7088785	8N	0.3	1.42	236.7	15.7	1	203	2.4	0.28	0.5	10.7	29	50.6	2.35	4	0.04	0.08	24
1078981	410899	7088737	8N	0.1	1.09	129.4	8.4	1	136	1.5	0.27	0.2	9	29	28.5	2.31	4	0.03	0.07	25
1078982	410898	7088687	8N	0.5	1.63	431.7	40.3	1	229	11.9	0.31	0.4	11.2	39	84.6	2.64	5	0.05	0.16	31
1078983	410899	7088638	8N	0.4	1.77	344.8	49.8	0.5	301	6.2	0.31	0.4	11.8	36	71.2	2.56	6	0.07	0.15	38
1078984	410899	7088586	8N	0.6	1.63	335.8	6.1	2	142	2.1	0.21	0.3	12.1	30	36.7	2.57	5	0.05	0.07	21
1078985	410899	7088537	8N	0.2	1.65	86.5	5.5	2	215	1.2	0.27	0.3	10.9	33	45.4	2.58	5	0.05	0.12	26
1078986	410898	7088487	8N	0.4	1.61	51.7	12.6	3	278	1.6	0.27	0.4	10.7	34	52.8	2.79	5	0.05	0.1	27
1078987	410898	7088437	8N	0.4	2.47	370.1	12.4	0.5	578	4.8	0.55	0.7	17.5	29	119.6	4.07	7	0.03	0.14	43
1078988	410898	7088386	8N	0.3	1.66	212.3	21.1	1	185	2.9	0.26	0.2	12.1	31	84.3	2.96	5	0.07	0.09	31
1078989	410898	7088336	8N	0.05	3.47	61.1	5.6	0.5	497	0.9	0.83	0.2	10.4	49	49.1	3.56	10	0.02	0.51	36
1078990	410898	7088085	8N	0.1	1.2	139.5	4	2	174	0.9	0.29	0.2	7.3	26	22.3	2.12	4	0.04	0.09	28

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1078944	0.34	615	1	0.021	17	0.097	15.4	0.025	1	2.3	0.7	20	0.1	4.5	0.046	0.1	1.3	42	1	81
1078945	0.2	137	1.4	0.004	10.3	0.015	15.1	0.025	1	1.6	0.25	10	0.1	4.1	0.038	0.2	0.5	57	0.3	41
1078946	0.39	312	0.6	0.025	19.9	0.065	35.5	0.05	1.3	2.3	0.25	41	0.1	4.3	0.027	0.05	0.9	32	0.5	65
1078947	0.5	320	0.6	0.017	25.5	0.07	51.6	0.025	2.7	3.8	0.25	38	0.1	5	0.034	0.2	0.8	43	0.2	80
1078948	0.41	322	0.5	0.022	23.8	0.071	80	0.06	4.2	3.7	0.25	47	0.1	4.1	0.031	0.2	0.7	41	0.2	88
1078949	0.27	679	0.7	0.105	22.3	0.15	13.2	0.18	10	2.2	4.7	51	4.7	4.6	0.012	0.1	1.3	24	0.3	43
1078950	0.42	308	0.5	0.087	21.9	0.054	16.7	0.08	3.2	2.5	0.25	83	0.1	2.7	0.02	0.1	1	29	0.3	58
1078951	0.41	306	0.9	0.009	24.4	0.038	9.4	0.025	3.3	2.1	0.25	12	0.1	4.3	0.038	0.2	0.9	36	0.3	55
1078952	0.25	191	1.1	0.005	18.7	0.041	11.5	0.025	5.3	1.3	0.25	8	0.1	2.2	0.033	0.2	0.9	44	0.1	40
1078953	0.41	244	1.2	0.006	26.7	0.035	12.9	0.025	9.4	2.5	0.25	8	0.1	5.4	0.052	0.3	1.4	46	0.2	53
1078954	0.36	435	0.8	0.004	42.5	0.036	17.1	0.025	9.3	2.5	0.25	9	0.1	7.4	0.046	0.4	2	38	0.2	72
1078955	0.41	259	1.4	0.006	37.4	0.05	14.4	0.025	9.3	2.3	0.25	13	0.1	5.3	0.063	0.3	1.5	46	0.3	75
1078956	0.41	306	1.3	0.006	23.4	0.039	11.9	0.025	2.9	2.2	0.25	11	0.1	3.9	0.045	0.3	1.2	54	0.2	72
1078957	0.49	396	1.4	0.006	40.2	0.034	13.1	0.025	3	3.2	0.5	12	0.1	6.5	0.071	0.3	1.5	60	0.5	75
1078958	0.39	337	1.2	0.006	26.5	0.038	11.8	0.025	3.1	2.3	0.25	11	0.1	4.4	0.049	0.2	1.4	52	0.4	62
1078959	0.9	372	0.6	0.01	26.2	0.066	11.9	0.025	1.9	7.5	0.25	27	0.1	9	0.157	0.6	3.6	77	3.2	53
1078960	0.39	269	1.1	0.007	26.2	0.069	8.9	0.025	1.1	2	0.25	19	0.1	4.5	0.055	0.2	1.4	44	0.4	62
1078961	0.45	276	1.2	0.006	28.3	0.052	13.5	0.025	1.8	2.1	0.25	18	0.1	4.8	0.042	0.2	1.6	39	0.6	63
1078962	0.72	518	0.7	0.01	20.2	0.095	8.6	0.025	0.9	4.7	0.25	32	0.1	8.7	0.09	0.3	1.7	47	0.3	57
1078963	0.47	341	0.9	0.007	23.2	0.05	10.3	0.025	0.8	2.2	0.25	14	0.1	3.8	0.04	0.2	1.3	39	0.5	60
1078964	0.55	406	1.1	0.007	28.5	0.059	11	0.025	1	2.4	0.25	25	0.1	4.8	0.058	0.3	1.6	44	0.6	65
1078965	0.52	404	0.8	0.008	20.3	0.055	10.3	0.025	0.9	3	0.25	32	0.1	4	0.058	0.2	1.5	48	1.5	57
1078966	0.44	329	0.7	0.006	22.2	0.035	10.6	0.025	0.8	2.2	0.25	16	0.1	3.9	0.049	0.2	0.8	41	0.3	54
1078967	0.4	381	2.7	0.008	15.4	0.074	12.5	0.025	9.8	2.4	0.25	25	0.1	5.3	0.059	0.2	3.9	44	3.3	57
1078968	0.41	316	2	0.008	18.9	0.057	11.2	0.025	1.7	2.2	0.25	17	0.1	8.7	0.078	0.2	1.4	42	2.6	56
1078969	0.36	219	3	0.007	13	0.049	12.2	0.025	1.8	2.1	0.25	16	0.1	5.5	0.07	0.2	1.6	48	2.1	50
1078970	0.38	386	2.1	0.008	13.7	0.065	10.9	0.025	2.2	2.3	0.25	27	0.1	5.9	0.069	0.2	2.6	39	1.7	54
1078971	0.4	247	1.1	0.007	14.3	0.063	9	0.025	2.1	2.1	0.25	29	0.1	7	0.065	0.1	2.5	34	2.8	52
1078972	0.4	414	4.4	0.007	16.4	0.071	12.9	0.025	2.9	2.8	0.6	21	0.1	5	0.048	0.2	5.3	44	1.3	62
1078973	0.37	270	1.7	0.007	13.5	0.064	9.6	0.025	6.7	2	0.25	19	0.1	5.5	0.063	0.2	2.8	40	3.6	48
1078974	0.5	428	1.3	0.007	21.7	0.09	14.3	0.025	3	2.9	0.25	29	0.1	12.4	0.075	0.2	4.3	47	1	68
1078976	0.53	419	2.9	0.008	17.7	0.097	11.9	0.025	4.7	2.5	0.25	39	0.1	11	0.108	0.4	3	45	5.1	64
1078977	0.41	272	3.6	0.007	16.5	0.055	11.8	0.025	2.6	2	0.25	21	0.1	5.1	0.076	0.1	1.1	48	2.9	57
1078978	0.38	261	4.1	0.007	17.8	0.058	11	0.025	1.6	1.9	0.25	18	0.1	5.6	0.076	0.2	1.1	47	2.6	51
1078979	0.49	391	3.6	0.007	17.4	0.071	18.8	0.025	2.6	2.5	0.5	22	0.1	10.3	0.066	0.2	2	46	1.8	65
1078980	0.45	508	1	0.01	24.9	0.102	10.6	0.025	7.8	2.6	0.25	25	0.1	8.4	0.065	0.2	3	46	2.6	79
1078981	0.43	348	1.1	0.009	20.7	0.099	9.1	0.025	3.2	2.4	0.5	23	0.1	10.3	0.074	0.2	2.5	46	4.4	62
1078982	0.6	527	1.3	0.012	24.3	0.112	13	0.025	3.8	3.5	0.25	28	0.1	13.3	0.126	0.4	5.7	58	6.3	83
1078983	0.56	616	1.5	0.011	24	0.11	14.2	0.025	4.1	4.2	0.25	35	0.1	15.8	0.129	0.4	12.2	56	8.1	84
1078984	0.44	430	1.6	0.009	22.6	0.083	11.5	0.025	2.7	2.5	0.6	23	0.1	6.9	0.075	0.2	2.6	50	3.3	79
1078985	0.52	515	1.7	0.01	25.4	0.097	12.3	0.025	3.5	3	0.6	23	0.1	9.1	0.111	0.3	7.3	58	3	86
1078986	0.56	469	1.5	0.009	23.1	0.084	12.3	0.025	2.7	3.7	0.6	28	0.1	8.8	0.104	0.3	6	58	2.8	80
1078987	0.85	1124	2.6	0.006	25	0.119	33.8	0.025	20.5	7.7	0.25	68	0.1	19	0.037	0.4	11	47	2.5	85
1078988	0.58	611	4.3	0.008	24.5	0.1	17.4	0.025	3.7	4.2	0.25	23	0.1	10.5	0.069	0.3	10.8	53	5.7	76
1078989	1.25	547	1.2	0.006	12.6	0.138	14	0.025	4.8	10.2	0.25	48	0.1	16.2	0.116	0.5	4.4	63	0.6	76
1078990	0.47	322	2.9	0.008	17.1	0.079	10.3	0.025	2.4	3.5	0.25	29	0.1	9.5	0.073	0.2	6.8	42	2.4	59

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1078991	410798	7088785	8N	0.1	1.22	76.8	3.6	1	163	1.1	0.19	0.4	9.4	26	25	2.28	3	0.07	0.05	23
1078992	410798	7088736	8N	0.3	1.84	179.8	23.1	2	167	4.2	0.2	0.5	12	31	38.3	2.62	5	0.05	0.08	24
1078993	410799	7088685	8N	0.4	1.7	252.2	15.5	2	233	4.5	0.28	0.4	11.6	36	63.9	2.82	5	0.05	0.11	31
1078995	410799	7088636	8N	0.3	1.47	151.1	6.5	1	183	4.2	0.22	0.4	11.4	31	38.8	2.49	5	0.05	0.1	23
1078996	410799	7088586	8N	0.3	1.34	185	6.2	1	189	1.8	0.29	0.3	9.1	33	52.4	2.37	5	0.04	0.12	30
1078997	410799	7088536	8N	1	1.72	296.2	13.6	1	283	6.6	0.36	0.6	11.6	35	154.9	2.84	6	0.05	0.12	35
1078998	410799	7088486	8N	0.05	1.37	36.1	7.8	1	160	0.9	0.21	0.2	9.1	28	28.6	2.35	4	0.04	0.09	21
1078999	410800	7088436	8N	0.2	1.45	59.7	6.9	1	345	0.9	0.25	0.4	11.1	32	32.3	2.61	4	0.06	0.1	30
1079000	410798	7088389	8N	0.2	1.53	63.5	4.2	2	250	1.9	0.21	0.4	10.3	32	44.4	2.73	5	0.05	0.11	28
1079151	404871	7076628	8N	0.3	0.85	112.3	4	1	71	0.4	0.55	1.7	10.1	15	24.2	3.05	2	0.04	0.1	22
1079152	404897	7076679	8N	0.6	0.63	37.7	1.9	1	100	0.3	0.3	2.8	5.8	11	13.9	2.05	2	0.04	0.06	16
1079154	404941	7076768	8N	2.3	0.72	86.5	6.7	2	87	0.4	0.2	35.8	9.8	12	26.7	2.62	2	0.03	0.07	26
1079155	404962	7076814	8N	0.7	0.86	37.2	3.3	0.5	74	0.3	0.19	9.5	9.6	14	20.9	2.38	3	0.02	0.04	22
1079156	404985	7076858	8N	0.3	1.06	25.9	0.7	0.5	65	0.2	0.16	1.3	5.6	18	17	2.22	3	0.04	0.04	18
1079157	405006	7076903	8N	0.2	0.94	22.1	4.3	0.5	62	0.2	0.16	0.6	5.4	16	22.5	1.97	3	0.03	0.03	23
1079158	405027	7076948	8N	0.2	0.9	17.4	2.1	2	84	0.2	0.18	0.5	5.7	16	18.7	2.06	3	0.03	0.03	18
1079159	405050	7076992	8N	0.2	1.03	43.6	1.6	0.5	123	0.3	0.26	0.8	10.4	18	29.4	2.43	3	0.03	0.04	23
1079160	405071	7077039	8N	0.05	1.07	13.6	8	0.5	83	0.3	0.12	0.4	8.3	18	19.7	2.37	4	0.03	0.03	28
1079161	405093	7077083	8N	0.1	1.11	22.4	2	1	66	0.3	0.05	0.3	3.5	18	16.5	2.1	4	0.06	0.03	20
1079162	405116	7077128	8N	0.1	1.06	25.7	0.8	0.5	59	0.2	0.06	0.4	5.9	19	15.8	2.23	3	0.02	0.04	19
1079163	405135	7077173	8N	0.1	1.1	10.5	3.5	0.5	65	0.2	0.08	0.3	5.6	18	15.2	1.83	4	0.02	0.03	20
1079164	405160	7077219	8N	0.1	1.06	31.8	4.4	0.5	52	0.2	0.08	0.5	8.1	17	23.1	2.34	4	0.02	0.03	26
1079165	405178	7077261	8N	0.2	1.11	25.8	5.5	0.5	68	0.2	0.07	0.3	6.6	23	18.3	2.17	4	0.03	0.03	20
1079166	405197	7077305	8N	0.1	1.14	41.7	9.2	1	86	0.2	0.15	0.3	6.7	21	17	2.13	4	0.03	0.04	18
1079167	405220	7077349	8N	0.2	1.32	63	11.8	0.5	67	0.3	0.08	0.3	7.6	24	19.6	2.56	4	0.03	0.03	22
1079168	405243	7077393	8N	0.1	1.06	30.8	4.1	0.5	60	0.2	0.11	0.4	6.2	20	22.7	2.06	4	0.03	0.03	19
1079169	405260	7077440	8N	0.05	1.07	49.8	5	0.5	58	0.2	0.07	0.4	6.6	19	20.4	2.26	4	0.02	0.03	21
1079170	405283	7077484	8N	0.1	1.04	36.8	10	1	88	0.2	0.12	0.3	7.2	19	25.3	2.05	3	0.03	0.04	20
1079171	405304	7077531	8N	0.05	1.16	35.9	13.8	0.5	66	0.2	0.1	0.2	6.3	20	21.7	2.2	4	0.04	0.03	21
1079172	405325	7077577	8N	0.1	1.19	20.4	2.7	1	103	0.2	0.24	0.3	6.2	21	15.6	2.06	4	0.02	0.04	17
1079173	405347	7077619	8N	0.05	1.09	16.2	2	0.5	65	0.2	0.09	0.3	4.8	19	16.8	1.87	4	0.03	0.03	17
1079175	405368	7077666	8N	0.05	1.03	14.9	3.3	0.5	73	0.2	0.12	0.2	6.5	17	20.4	1.97	3	0.02	0.03	16
1079176	405389	7077711	8N	0.05	1.21	21	5.9	0.5	75	0.2	0.1	0.1	5.9	21	18.2	2.06	4	0.04	0.04	20
1079177	405411	7077756	8N	0.05	1.07	39.8	7.9	0.5	59	0.2	0.08	0.2	4.5	16	14.3	1.73	4	0.03	0.04	21
1079178	405430	7077802	8N	0.1	1.23	14.7	2.6	0.5	74	0.2	0.08	0.1	6.6	20	17.3	2.18	4	0.03	0.04	21
1079179	405494	7077938	8N	0.3	1.31	36	2.7	0.5	67	0.7	0.08	1	11.1	28	28.2	2.63	4	0.02	0.03	29
1079181	404344	7077371	8N	0.1	1.02	11.7	5.5	0.5	111	0.2	0.16	0.4	8.7	19	22.2	2.23	3	0.02	0.04	21
1079183	405451	7077847	8N	0.05	0.88	13.9	3.5	1	98	0.2	0.32	0.5	10.7	15	16.5	2.23	3	0.02	0.04	21
1079184	404409	7077504	8N	0.3	1.02	50.9	2.5	0.5	125	0.3	0.18	1.2	13.8	18	28	2.96	3	0.02	0.05	33
1079185	404429	7077550	8N	0.4	1.02	297	16	1	114	0.3	0.14	0.8	10.3	18	20.2	2.49	3	0.04	0.04	23
1079186	404450	7077595	8N	1.4	1.14	258.4	59.9	0.5	84	0.4	0.24	8	17.1	18	39.4	3.56	3	0.02	0.08	36
1079187	404471	7077641	8N	0.7	1.28	61.2	21.8	1	112	0.4	0.21	3.4	11.3	19	31.2	2.96	4	0.02	0.07	31
1079188	404493	7077687	8N	0.4	1.06	81.9	7.9	0.5	88	0.3	0.24	1.5	13.2	16	45.2	3.29	3	0.03	0.06	39
1079189	404514	7077732	8N	0.1	0.97	40.4	8.8	0.5	82	0.2	0.17	0.5	10.1	19	17.6	2.37	3	0.05	0.04	16
1079190	404534	7077778	8N	0.05	0.95	33.7	9.4	2	76	0.2	0.16	0.6	9.8	21	20.3	2.67	3	0.04	0.04	19
1079191	404556	7077822	8N	0.2	1.05	19.4	9.8	1	83	0.2	0.14	0.4	10.2	21	33.4	2.56	3	0.04	0.04	19

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1078991	0.41	428	0.9	0.007	22.1	0.068	9.5	0.025	2.6	2.2	0.6	16	0.1	6.1	0.054	0.1	1.8	44	2.5	63
1078992	0.47	589	1.4	0.009	26.6	0.083	12.1	0.025	2.1	2.9	0.9	17	0.1	7.7	0.075	0.3	2.8	54	2	93
1078993	0.58	582	1.6	0.011	27	0.097	13.5	0.025	3	3.7	0.25	28	0.1	10.7	0.096	0.3	5.7	59	3.6	84
1078995	0.46	566	1.4	0.01	22.9	0.087	14.8	0.025	2.2	2.6	0.25	18	0.1	7.7	0.088	0.2	2.9	51	3.8	76
1078996	0.51	405	1.2	0.01	21	0.081	10.5	0.025	3.6	3.7	0.25	27	0.1	11.8	0.101	0.3	6.6	50	4.1	66
1078997	0.61	523	1.8	0.009	23.9	0.097	18.9	0.025	4.1	4.2	0.6	48	0.1	11.1	0.086	0.3	6.7	57	5.3	78
1078998	0.46	376	1.2	0.008	21.7	0.077	10.2	0.025	2	2.1	0.25	18	0.1	5.6	0.079	0.2	1.8	48	2.8	68
1078999	0.52	534	1.3	0.01	25.6	0.081	12.9	0.025	1.7	4	0.25	23	0.1	8.9	0.078	0.2	4.7	53	2.7	77
1079000	0.5	457	2.4	0.009	23.4	0.088	13.6	0.025	3	3.1	0.25	19	0.1	6.6	0.081	0.3	4.2	55	3.9	79
1079151	0.27	507	1	0.013	26.1	0.063	63	0.11	0.9	1.9	0.25	35	0.1	6.1	0.016	0.05	1.1	16	0.1	220
1079152	0.18	338	0.5	0.005	16	0.065	69.3	0.07	0.7	1.2	0.25	19	0.1	3.5	0.01	0.05	0.6	16	0.6	207
1079154	0.2	1145	0.4	0.004	24.9	0.058	339.3	0.025	2.7	2.1	0.6	12	0.1	8.1	0.009	0.1	0.9	17	0.2	1871
1079155	0.26	566	0.5	0.004	22.3	0.051	115.1	0.025	1.3	2	0.25	11	0.1	4.7	0.012	0.1	0.8	22	0.3	703
1079156	0.28	205	0.7	0.004	15	0.053	45.3	0.025	0.7	1.2	0.5	10	0.1	2	0.019	0.1	0.7	30	0.2	134
1079157	0.28	209	0.5	0.003	15.8	0.058	27	0.025	0.6	1.3	0.25	11	0.1	4.1	0.02	0.05	0.9	27	0.3	92
1079158	0.27	260	0.5	0.004	15.3	0.061	53	0.025	0.6	1.4	0.25	11	0.1	3.2	0.019	0.05	0.7	27	0.3	94
1079159	0.37	536	0.7	0.005	24.4	0.06	35	0.025	0.7	1.4	0.25	17	0.1	4	0.016	0.05	1.1	27	0.3	123
1079160	0.37	354	0.6	0.003	18	0.049	24.8	0.025	0.5	1	0.25	10	0.1	2.6	0.015	0.05	0.9	26	0.2	80
1079161	0.22	119	0.8	0.003	10.9	0.065	40.5	0.07	0.5	0.8	0.25	6	0.1	0.6	0.008	0.1	0.9	32	0.2	51
1079162	0.29	276	0.8	0.003	13.8	0.051	17.4	0.025	0.6	1	0.25	6	0.1	1.2	0.014	0.05	0.7	30	0.2	64
1079163	0.31	207	0.7	0.004	13.5	0.045	14.9	0.025	0.4	0.8	0.25	8	0.1	0.9	0.014	0.1	0.8	29	0.2	72
1079164	0.35	327	0.7	0.003	18.9	0.046	24	0.025	1.5	1.1	0.25	7	0.1	3.3	0.013	0.05	0.8	25	0.2	71
1079165	0.34	276	0.8	0.003	16.5	0.039	37.7	0.025	0.6	1.2	0.25	7	0.1	1.9	0.016	0.05	0.8	31	0.2	74
1079166	0.36	290	0.8	0.006	17.7	0.047	18.3	0.06	0.8	1	0.25	13	0.1	0.8	0.021	0.1	0.9	31	0.2	73
1079167	0.41	330	0.8	0.003	18.6	0.045	51.1	0.025	2.7	1.3	0.25	9	0.1	2.3	0.018	0.05	0.9	33	0.1	96
1079168	0.34	205	0.8	0.004	19.6	0.056	17.1	0.025	1.5	1.1	0.25	10	0.1	1.4	0.021	0.05	0.9	33	0.2	71
1079169	0.31	278	0.9	0.004	18.4	0.043	26.4	0.025	2.2	1	0.25	7	0.1	1.9	0.015	0.05	1	30	0.1	84
1079170	0.35	229	0.7	0.004	21.3	0.053	12.8	0.025	1.2	1.7	0.25	10	0.1	3.4	0.027	0.05	1.1	32	0.2	71
1079171	0.36	229	0.7	0.004	18.2	0.047	14.5	0.025	1.5	1.7	0.25	9	0.1	2.9	0.021	0.05	0.9	30	0.2	66
1079172	0.33	356	0.7	0.005	15.6	0.052	16.9	0.025	0.7	1	0.25	16	0.1	0.7	0.019	0.1	0.8	34	0.1	85
1079173	0.31	134	0.7	0.004	13.7	0.054	11.7	0.025	0.6	1.3	0.25	8	0.1	1.4	0.021	0.05	0.8	32	0.2	72
1079175	0.33	193	0.6	0.004	17.6	0.052	13.1	0.025	1.1	1.2	0.25	9	0.1	2.1	0.022	0.05	0.7	29	0.2	55
1079176	0.34	192	0.7	0.004	16.6	0.047	13.4	0.025	1	1.2	0.25	9	0.1	1.4	0.019	0.1	0.8	33	0.1	52
1079177	0.27	143	0.6	0.003	12.5	0.043	16.1	0.025	0.8	0.9	0.25	7	0.1	1.6	0.012	0.05	0.7	27	0.1	55
1079178	0.33	221	0.7	0.006	16.1	0.048	14.4	0.025	0.4	1.4	0.25	8	0.1	1.8	0.016	0.1	0.7	30	0.2	51
1079179	0.49	392	0.8	0.003	26.8	0.046	29.2	0.025	0.6	1.5	0.25	9	0.1	3.5	0.016	0.05	1.1	30	0.1	215
1079181	0.32	433	0.6	0.005	25.8	0.065	19.6	0.025	0.5	1.7	0.25	12	0.1	4.6	0.016	0.05	1.1	28	0.2	66
1079183	0.28	776	0.6	0.004	21.9	0.041	21.5	0.025	0.4	1.3	0.25	16	0.1	6.2	0.016	0.05	0.6	21	0.2	66
1079184	0.33	1614	1.2	0.004	32.8	0.051	55	0.025	0.7	1.8	0.25	14	0.1	8.5	0.012	0.05	1.1	21	0.2	95
1079185	0.27	924	0.7	0.004	26.6	0.046	48.6	0.025	1.7	1.7	0.25	11	0.1	5.7	0.013	0.05	0.8	23	0.3	90
1079186	0.62	1236	0.6	0.003	37.1	0.054	338.6	0.025	5.7	2	0.25	16	0.1	13.4	0.017	0.1	1.3	18	0.2	407
1079187	0.67	799	0.5	0.003	27.8	0.052	167.7	0.025	0.7	2.1	0.25	13	0.1	8.2	0.021	0.1	0.9	23	0.3	279
1079188	0.57	1114	0.6	0.003	32.1	0.065	42.8	0.025	0.8	2.3	0.25	15	0.1	13.9	0.014	0.05	1.1	18	0.2	136
1079189	0.3	554	0.6	0.004	25	0.073	22.5	0.025	1	1.9	0.25	12	0.1	5.9	0.025	0.05	0.8	30	0.3	81
1079190	0.28	533	0.7	0.004	26.1	0.071	22.3	0.025	0.9	2.1	0.25	11	0.1	7.2	0.027	0.05	0.9	32	0.4	93
1079191	0.37	538	1.4	0.005	23.2	0.066	14.7	0.025	0.8	1.9	0.25	13	0.1	6.1	0.03	0.05	1	33	0.2	72

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1079192	404576	7077868	8N	0.2	1.14	25.8	6.6	0.5	80	0.3	0.16	0.3	10.3	25	32.5	2.55	4	0.04	0.04	20
1079193	404597	7077913	8N	0.2	0.97	14.3	20.4	2	98	0.2	0.16	0.3	9.4	22	38.9	2.27	3	0.02	0.04	18
1079194	404619	7077958	8N	0.1	1.13	18.1	14.5	1	79	0.4	0.13	0.4	12.2	21	43.1	2.5	3	0.01	0.04	22
1079195	404640	7078003	8N	0.1	1.17	35.2	14.9	2	71	0.3	0.12	1.5	11.1	21	25.1	2.4	3	0.04	0.04	16
1079196	404661	7078049	8N	0.3	1.29	45.7	10.9	0.5	105	0.3	0.1	1	9	23	24.7	2.54	4	0.02	0.04	19
1079199	404683	7078094	8N	0.1	1.22	19.7	10.5	2	84	0.2	0.13	1.3	10.3	21	21.6	2.29	4	0.04	0.04	14
1079200	404704	7078140	8N	0.3	1.14	42.4	12.5	2	86	0.3	0.13	1.6	9.9	23	26.3	2.39	4	0.02	0.04	19
1079481	410896	7089804	8N	0.3	1.59	203.5	9.4	3	182	1.9	1.18	0.7	10.5	25	38	2.34	5	0.06	0.05	19
1079482	410897	7089854	8N	0.2	1.63	239.9	25.2	2	201	2	0.25	0.3	9	27	41.1	2.49	5	0.03	0.08	18
1079483	410898	7089904	8N	0.1	1.76	113.5	4.6	2	201	0.7	0.44	0.7	9	25	18.3	2.43	5	0.03	0.04	15
1079484	410898	7089954	8N	0.2	1.62	53.2	2	2	174	1.4	0.59	0.5	8.2	24	15.6	2.33	6	0.03	0.05	13
1079485	410898	7090004	8N	0.2	1.84	71.2	1.3	3	240	2.9	0.88	0.9	8.6	23	22.1	2.1	5	0.03	0.05	15
1079486	410898	7090054	8N	0.2	1.95	41	1.6	4	260	2.3	1.19	0.9	8.7	25	24.1	2.17	6	0.05	0.04	15
1079487	410898	7090104	8N	0.2	1.82	21.5	3.6	2	260	1.1	0.67	0.4	8.4	24	19.5	2.21	6	0.03	0.05	14
1079488	410898	7090155	8N	0.05	1.61	17.1	9.8	3	271	0.8	0.41	0.2	7.7	24	23.4	2.11	5	0.03	0.05	16
1079489	410899	7090205	8N	0.1	1.77	15	7.1	2	286	0.7	0.4	0.2	8.1	22	23.9	2.08	5	0.03	0.04	18
1079490	410899	7090255	8N	0.3	1.96	18	5.9	2	355	0.5	0.8	0.4	12.9	29	28.2	2.47	6	0.05	0.05	19
1079491	410899	7090286	8N	0.3	1.76	12.5	7	3	315	0.4	1.01	0.4	9.7	29	22.6	2.06	5	0.05	0.05	16
1079492	409997	7088837	8N	0.2	1.65	41.1	7	3	165	0.7	1	0.5	9.4	28	24.8	2	5	0.05	0.05	19
1079493	409997	7088887	8N	0.2	2.05	36.1	7.4	3	197	0.6	1.66	0.4	9.2	26	27.8	1.85	6	0.07	0.05	16
1079494	409998	7088937	8N	0.2	3.12	38	21.5	3	301	0.6	1.62	0.4	10.9	42	26.3	2.5	9	0.04	0.21	17
1079495	409997	7088987	8N	0.2	1.84	91.2	12.5	5	237	1	1.93	0.6	10.2	36	34.1	2.02	6	0.06	0.09	18
1079496	409997	7089037	8N	0.2	2.01	53.6	4.4	3	243	0.5	1.76	0.5	10.4	48	41.8	2.1	6	0.05	0.11	18
1079497	409997	7089087	8N	0.2	1.55	30.1	6.8	2	205	0.7	1.19	0.6	9.9	29	31.4	2.1	5	0.05	0.07	18
1079498	409996	7089137	8N	0.2	1.58	33.9	8.2	3	207	1	1.56	0.5	8.9	24	32.6	1.67	5	0.03	0.05	14
1079499	409995	7089238	8N	0.2	1.84	47.4	18.7	2	205	0.5	1.78	0.4	8.1	26	22.1	1.64	5	0.05	0.05	18
1079500	409994	7089287	8N	0.2	1.43	290.4	3.9	0.5	155	1.8	0.46	0.4	8.3	22	14.2	2.33	5	0.06	0.07	24
1079501	411798	7089136	8N	0.3	3.11	81.7	10.7	6	244	7.2	1.18	1	13	30	31.1	2.31	9	0.09	0.07	30
1079502	411799	7089187	8N	0.2	3.53	84.2	13.4	5	182	7.8	0.85	0.5	11	26	23	2.46	10	0.04	0.05	21
1079503	411799	7089236	8N	0.4	2.48	219.3	32.9	6	224	15	1.28	1	14.1	26	74.7	2.65	7	0.08	0.07	53
1079504	411799	7089286	8N	0.2	2.65	45.3	15.3	4	243	7.4	0.98	0.8	12.5	34	51.1	2.63	9	0.06	0.07	26
1079505	411799	7089336	8N	0.1	2.54	74.9	9.5	2	240	7	0.69	0.5	12.7	35	36.3	2.77	7	0.06	0.05	17
1079507	411799	7089388	8N	0.1	1.72	53.8	14.6	3	241	1.9	0.38	0.3	11.2	28	67.8	2.45	5	0.05	0.06	24
1079508	411799	7089436	8N	0.05	1.34	46.3	11.3	2	139	0.9	0.2	0.2	8.8	21	26.2	2.17	3	0.03	0.04	19
1079509	411799	7089486	8N	0.1	1.6	46.9	13.5	3	252	2.1	0.32	0.3	8.3	25	36.4	2.17	5	0.05	0.06	22
1079510	411799	7089536	8N	0.2	1.64	35.4	7.9	3	243	1.7	0.3	0.4	8.1	23	23.6	2.3	5	0.05	0.05	22
1079511	411799	7089586	8N	0.1	1.57	117.8	46.5	2	175	7	0.27	0.2	9.4	22	33.9	2.28	4	0.04	0.06	26
1079512	411799	7089636	8N	0.1	2.16	86.4	17.5	3	199	4.4	0.36	0.3	10.6	29	46.8	2.33	7	0.08	0.07	25
1079513	411799	7089687	8N	0.05	1.48	36.1	6.9	2	162	1.4	0.22	0.3	9.1	24	25.9	2.31	4	0.04	0.05	20
1079514	411799	7089736	8N	0.1	1.7	58.6	4.5	1	115	1.2	0.14	0.1	7.8	26	21.6	2.49	5	0.03	0.04	16
1079515	411799	7089786	8N	0.2	1.6	83.6	4.3	3	212	1.8	0.79	0.3	8.6	23	20.5	2.05	5	0.04	0.04	17
1079516	411799	7089836	8N	0.2	2.06	25.8	7.3	2	232	3	0.68	0.4	8.6	25	28.2	2.2	6	0.04	0.05	16
1079517	411799	7089886	8N	0.5	1.89	58.3	20.2	5	268	10.6	0.94	0.6	8.6	24	66.4	2.11	6	0.06	0.06	17
1079519	411799	7089936	8N	0.3	2.19	26.2	9.8	3	275	2.1	0.9	0.5	8.2	29	36.5	2.2	6	0.05	0.05	20
1079520	411799	7089986	8N	0.4	1.94	17.8	12.4	3	217	1.2	0.94	1.1	9.4	30	54.5	2.32	6	0.06	0.05	20
1079521	411799	7090036	8N	0.05	1.88	16.9	7.5	0.5	123	0.4	0.17	0.4	7.8	32	37.2	2.7	6	0.06	0.04	11

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1079192	0.4	530	1	0.004	22.8	0.07	13.1	0.025	0.8	2	0.25	13	0.1	4.8	0.034	0.05	0.8	39	0.3	67
1079193	0.34	684	1	0.004	23	0.066	13.2	0.025	0.8	2	0.25	12	0.1	6	0.028	0.05	0.9	35	0.3	67
1079194	0.46	635	0.7	0.004	27.8	0.064	15	0.025	0.7	1.7	0.25	11	0.1	7	0.03	0.05	0.8	30	0.2	88
1079195	0.33	546	0.9	0.004	19.9	0.057	23.9	0.025	0.6	1.6	0.25	10	0.1	4.1	0.026	0.05	0.8	34	0.2	144
1079196	0.41	374	1	0.004	18.4	0.051	27.5	0.025	0.6	1.9	0.5	10	0.1	3.6	0.025	0.05	0.9	38	0.2	128
1079199	0.37	525	0.9	0.009	21.3	0.063	31.3	0.025	0.5	1.6	0.25	11	0.1	2.8	0.022	0.05	0.7	33	0.2	167
1079200	0.37	426	0.9	0.004	24.8	0.056	22.9	0.025	0.6	2.1	0.25	10	0.1	4.6	0.028	0.05	1	35	0.2	204
1079481	0.57	287	0.4	0.034	22.9	0.079	25.8	0.025	8.8	3.2	0.6	88	0.1	4.1	0.029	0.1	0.9	38	0.4	72
1079482	0.54	308	0.9	0.01	23.8	0.068	11.3	0.025	25.1	2.9	0.25	23	0.1	3.5	0.051	0.2	1.4	45	0.5	72
1079483	0.45	527	1.1	0.009	18.3	0.081	18	0.025	3.8	1.4	0.5	24	0.1	0.9	0.02	0.1	4.6	47	0.3	95
1079484	0.43	456	1	0.008	15.6	0.093	25.3	0.06	1.9	1	0.25	24	0.1	0.6	0.016	0.1	1.4	46	0.3	89
1079485	0.4	419	0.7	0.016	18.2	0.086	31	0.025	1.8	1.7	0.25	39	0.1	1.4	0.017	0.1	1.7	39	0.2	91
1079486	0.44	455	0.9	0.017	20.6	0.087	30	0.07	1.3	1.7	0.25	44	0.1	1	0.022	0.1	1.3	44	0.3	79
1079487	0.43	432	0.8	0.011	18.6	0.075	26	0.025	1.1	1.8	0.5	32	0.1	1.1	0.026	0.1	0.9	43	0.3	72
1079488	0.44	299	0.8	0.011	20.9	0.069	22.1	0.025	1.6	2.4	0.25	26	0.1	3.5	0.033	0.1	0.8	39	0.3	63
1079489	0.44	262	0.6	0.011	21.2	0.063	23.7	0.025	1	2.4	0.25	23	0.1	2.6	0.026	0.1	1.2	39	0.3	60
1079490	0.52	412	0.6	0.058	23.7	0.081	33.8	0.025	1.8	3.3	0.6	53	0.1	6.1	0.056	0.1	1.5	44	0.4	59
1079491	0.54	392	0.6	0.054	22.8	0.082	39.4	0.025	1.3	2.9	0.25	53	0.1	4.7	0.05	0.1	1.2	40	0.4	60
1079492	0.42	289	0.6	0.059	22.3	0.06	14.8	0.05	1.2	2.5	0.25	65	0.1	4.6	0.037	0.05	0.8	44	0.8	57
1079493	0.4	334	0.5	0.081	20.4	0.067	15.3	0.12	1.1	2.2	0.25	76	0.1	3.1	0.034	0.1	1.2	41	0.6	49
1079494	0.92	273	0.4	0.126	25.4	0.05	14.9	0.025	1.2	4.2	0.25	89	0.1	5.1	0.104	0.2	1.2	51	0.8	66
1079495	0.52	408	0.7	0.069	21.7	0.093	21	0.16	3	2.4	0.6	100	0.1	2.9	0.04	0.2	1.5	44	0.5	66
1079496	0.66	470	0.6	0.072	22.1	0.076	20.1	0.14	2.9	3	0.25	88	0.1	3.1	0.055	0.2	1.1	48	0.5	70
1079497	0.46	334	0.6	0.07	21.7	0.096	12.3	0.11	1.2	2.2	0.25	66	0.1	4.4	0.05	0.1	1.2	48	1.5	64
1079498	0.42	374	0.5	0.056	19.6	0.075	12.7	0.09	1.1	1.4	0.7	66	0.1	1.5	0.027	0.05	1	33	0.4	61
1079499	0.45	389	0.5	0.061	19	0.064	12.6	0.05	1.3	1.9	0.25	80	0.1	2.4	0.031	0.1	3.7	34	0.3	58
1079500	0.33	304	1.2	0.011	16	0.071	20	0.025	2.3	2	0.25	47	0.1	4.2	0.03	0.2	3.3	39	0.5	66
1079501	0.4	835	1.3	0.09	24.3	0.115	36.1	0.07	1.4	2.4	0.5	79	0.1	4.2	0.056	0.1	2.7	37	1.1	115
1079502	0.35	394	0.8	0.056	22.8	0.094	23	0.06	0.9	2.3	1.1	66	0.1	3.2	0.047	0.1	2	39	0.6	55
1079503	0.48	651	1	0.085	26.3	0.135	27	0.06	1.8	3.2	0.6	87	0.3	6.1	0.058	0.2	7.8	41	1	117
1079504	0.61	583	1.1	0.062	28.1	0.109	22.3	0.025	1.3	3.7	0.8	55	0.1	5.3	0.084	0.2	3.9	49	0.8	106
1079505	0.59	530	0.8	0.031	26.5	0.088	24.2	0.06	1	2.9	0.25	35	0.1	2.3	0.053	0.2	1.8	51	0.4	91
1079507	0.47	414	1.4	0.012	31.4	0.111	12.5	0.025	2	2.8	0.25	32	0.1	5.9	0.059	0.2	3.9	50	0.7	77
1079508	0.34	296	0.9	0.007	22.9	0.055	9.6	0.025	1.5	1.7	0.25	15	0.1	5.9	0.045	0.05	1.6	36	0.9	58
1079509	0.45	323	1.3	0.013	24.3	0.096	12	0.025	1.9	2.3	0.25	28	0.1	6.6	0.053	0.2	2.8	48	0.7	73
1079510	0.4	438	1.2	0.012	19.4	0.082	12	0.025	1.5	2.1	0.25	26	0.1	4.3	0.044	0.1	1.7	44	0.7	79
1079511	0.4	325	1.1	0.009	18.9	0.07	10.2	0.025	2.1	2.3	0.25	34	0.1	7.1	0.06	0.1	2.8	36	0.9	63
1079512	0.48	369	1.3	0.02	22.5	0.094	13.7	0.07	1.8	2.4	1	37	0.1	3.2	0.06	0.2	3.1	42	0.8	71
1079513	0.43	350	1	0.01	22.3	0.08	11	0.025	1.5	2.2	0.25	19	0.1	4.1	0.044	0.1	1.5	41	0.8	65
1079514	0.45	392	1.5	0.006	18.2	0.072	11.3	0.025	1.6	1.8	0.25	15	0.1	2	0.032	0.1	1.9	43	0.4	67
1079515	0.43	452	0.5	0.016	18.4	0.085	15	0.06	1.8	2	1	39	0.1	2.4	0.022	0.1	8.6	34	0.4	68
1079516	0.48	352	0.7	0.032	21.3	0.092	22.7	0.025	1.6	2.3	0.25	39	0.1	2.6	0.027	0.1	1.2	39	0.3	71
1079517	0.55	394	0.7	0.036	22.1	0.095	43.4	0.025	2.2	2.6	0.6	52	0.3	3.4	0.037	0.2	1.1	38	0.3	75
1079519	0.59	378	0.8	0.037	22	0.113	24.5	0.05	5	2.4	0.25	47	0.1	1.9	0.032	0.2	1.2	48	0.4	68
1079520	0.59	400	1.1	0.06	27.8	0.1	29.1	0.025	1	2.9	0.25	60	0.1	4.1	0.052	0.2	1.1	57	0.6	79
1079521	0.47	230	2.3	0.007	25.9	0.045	10.3	0.025	0.8	2.2	0.25	15	0.1	3.5	0.068	0.1	0.8	79	0.6	50

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1079522	411796	7090086	8N	0.4	2.68	262.7	1.6	1	182	1.3	0.87	15.1	9.8	37	86.9	2.92	10	0.03	0.12	35
1079523	411799	7090136	8N	0.2	1.66	17.5	4.6	2	202	1.1	0.3	0.6	7.3	26	29.1	2.42	5	0.03	0.07	19
1079524	408601	7084995	8N	0.1	1.05	12.9	3.9	1	125	0.3	0.27	0.2	11.8	26	33.4	3.2	3	0.05	0.06	36
1079525	408549	7084995	8N	0.2	1.41	11.6	4.2	1	183	0.2	0.23	0.3	13.8	31	34.7	2.97	4	0.03	0.06	27
1079526	408499	7084991	8N	0.1	1.43	10.9	5.3	0.5	127	0.2	0.13	0.1	9.9	31	18.8	2.79	5	0.02	0.04	22
1079527	408448	7084992	8N	0.05	0.96	171.6	2.2	0.5	43	0.4	0.05	1.2	28.7	13	50.4	4.83	3	0.02	0.04	50
1079528	408396	7084994	8N	0.1	1.61	14.3	3.7	0.5	101	0.3	0.12	0.2	8.8	33	33.1	3.22	5	0.06	0.04	20
1079529	408344	7084992	8N	0.05	2.51	25.3	1.2	0.5	97	0.2	0.2	0.1	30.2	138	66	4.15	7	0.02	0.04	28
1079530	408292	7084995	8N	0.2	2.02	213.4	4.4	0.5	57	0.8	0.2	1.2	29.2	72	72.3	5.73	6	0.01	0.05	41
1079531	408240	7084990	8N	0.2	1.43	14.4	2.9	0.5	123	0.4	0.15	0.2	16.2	31	34	3.47	5	0.03	0.05	28
1079532	408198	7084993	8N	0.2	1.35	11.7	10.2	0.5	101	0.4	0.12	0.2	14.9	29	42.1	3.78	4	0.04	0.04	34
1079533	408136	7084999	8N	0.2	1.36	13.5	3.3	0.5	127	0.4	0.1	0.1	11.9	28	35.6	3.37	4	0.05	0.05	27
1079534	408084	7085002	8N	0.2	1.54	17.1	4.8	1	166	0.4	0.16	0.3	14.8	41	37.5	3.64	5	0.07	0.05	26
1079536	408031	7085004	8N	0.2	1.34	11.2	3.6	1	152	0.3	0.15	0.2	14.1	42	34.8	3.49	4	0.03	0.05	27
1079537	407980	7085002	8N	0.1	1.48	10.8	3.2	0.5	159	0.3	0.17	0.3	17.4	49	37.1	3.52	4	0.03	0.05	28
1079538	407929	7085004	8N	0.1	1.31	12	7.2	0.5	153	0.3	0.2	0.1	14.2	31	39.9	3.35	4	0.03	0.04	31
1079539	407876	7085005	8N	0.05	1.12	12.3	4.2	0.5	171	0.2	0.27	0.2	11.3	31	27.5	2.61	3	0.03	0.05	23
1079540	407823	7085007	8N	0.2	1.51	27.3	13.4	0.5	225	0.2	0.18	0.3	16.1	41	21.4	3.02	4	0.04	0.05	22
1079541	407772	7085009	8N	0.5	1.72	17.1	2.6	2	350	0.3	0.23	0.2	14.3	35	26.6	2.9	5	0.07	0.05	25
1079542	407721	7085009	8N	0.3	1.44	42.4	4.9	1	147	0.3	0.14	0.3	18.3	50	28.2	3.47	4	0.04	0.05	28
1079543	407669	7085014	8N	0.5	1.4	28.3	4.6	0.5	124	0.4	0.15	0.3	18	32	47.5	4.06	4	0.04	0.05	35
1079544	407619	7085017	8N	0.6	1.43	19.9	4.1	0.5	175	0.4	0.14	0.3	14.9	34	45.9	3.93	4	0.05	0.05	41
1079545	407568	7085018	8N	0.3	1.13	19.2	19.5	0.5	114	0.3	0.15	0.2	8.9	24	21.4	2.7	4	0.04	0.04	25
1079546	407517	7085021	8N	0.6	1.35	18	4.2	1	135	0.2	0.14	0.3	6.8	24	18.2	2.36	4	0.05	0.04	16
1079548	407465	7085024	8N	0.2	1.05	8.3	1.5	1	121	0.3	0.23	0.3	10.9	29	30.3	2.89	3	0.02	0.04	26
1079549	407413	7085021	8N	0.1	1.24	9.4	2.5	0.5	120	0.2	0.16	0.2	16.9	34	35.2	3.12	3	0.03	0.05	25
1079551	407312	7085022	8N	0.3	1.2	12.3	1.5	1	103	0.2	0.11	0.1	6	26	14.4	2.35	4	0.07	0.04	16
1079553	407210	7085030	8N	0.3	1.2	13.7	4.6	1	161	0.2	0.15	0.2	7.7	29	18.2	2.24	3	0.05	0.04	15
1079560	406982	7085307	8N	0.1	1.25	14.2	4.5	1	144	0.2	0.13	0.2	10.3	25	16.7	2.53	4	0.03	0.07	21
1079561	407074	7085270	8N	0.05	1.41	15.2	2.3	0.5	133	0.2	0.11	0.2	8.8	24	20.9	2.68	4	0.04	0.08	18
1079562	407160	7085220	8N	0.3	0.85	46.4	10.3	2	72	0.6	0.08	0.4	16	15	46.8	5.21	2	0.02	0.09	58
1079568	408775	7077683	8N	0.1	0.86	34.4	4.5	0.5	73	0.2	0.08	0.05	7.9	12	18.1	2.42	3	0.03	0.05	22
1079569	408849	7077616	8N	0.1	1.04	94	9	0.5	140	0.2	0.14	0.1	7.8	18	16.7	2.17	3	0.02	0.05	21
1079570	408888	7077584	8N	0.1	0.69	15.8	21.6	0.5	56	0.2	0.06	0.1	4.9	19	11.7	2.13	3	0.04	0.04	18
1079571	408922	7077548	8N	0.05	0.8	23.7	2.1	0.5	74	0.2	0.1	0.2	11.7	15	16.2	2.54	3	0.01	0.06	28
1079572	408958	7077513	8N	0.2	0.94	47.2	3.1	0.5	124	0.2	0.17	0.1	6.6	15	14.9	1.96	3	0.03	0.06	23
1079573	408978	7077468	8N	0.2	0.41	33.3	3.3	0.5	46	0.3	0.04	0.2	10.4	6	30.1	2.88	1	0.005	0.06	46
1079574	409050	7077397	8N	0.1	0.82	33.4	3	0.5	87	0.2	0.13	0.1	13.5	14	26.6	2.36	2	0.04	0.06	30
1079575	412215	7079181	8N	0.05	1.45	50	2.7	0.5	61	0.3	0.04	0.1	11.9	19	37.1	3.54	4	0.02	0.03	37
1079576	412222	7079232	8N	0.05	1.41	14.4	3	1	45	0.5	0.03	0.05	14.9	21	46.2	4.83	4	0.03	0.04	47
1079577	412231	7079282	8N	0.2	1.38	16.3	3.1	1	58	0.4	0.05	0.2	20.1	19	43.5	4.33	4	0.03	0.04	42
1079578	412225	7079332	8N	0.2	0.94	35.2	7	0.5	134	0.5	0.06	0.2	22.4	16	47.9	4.08	3	0.02	0.03	31
1079579	412234	7079383	8N	0.1	1.09	12.3	6.1	0.5	75	0.2	0.1	0.2	9.5	17	24.2	2.55	3	0.03	0.04	24
1079580	412229	7079435	8N	0.05	1.14	11.4	3.2	0.5	62	0.2	0.06	0.05	5.9	16	17.5	2.37	3	0.04	0.03	21
1079581	412224	7079485	8N	0.1	0.91	18.4	2.4	0.5	77	0.3	0.04	0.2	12.3	16	38.8	3.18	3	0.04	0.03	21
1079582	412216	7079536	8N	0.05	0.98	13.8	2.2	0.5	44	0.5	0.03	0.1	7.3	15	52.2	3.54	3	0.02	0.03	22

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1079522	1.16	399	1.7	0.007	16.5	0.124	27.7	0.025	2.2	7.5	0.25	86	0.1	29.1	0.018	0.3	4.5	61	0.2	200
1079523	0.55	259	0.9	0.009	21.6	0.075	15.5	0.025	1.3	2.8	0.25	26	0.1	4.9	0.051	0.2	1.3	46	0.8	82
1079524	0.45	309	1.4	0.007	33	0.081	21	0.025	5.1	2.6	0.5	29	0.1	9	0.023	0.05	1.6	33	0.2	79
1079525	0.5	406	1.1	0.006	39.5	0.079	14.2	0.025	2.3	2.9	0.25	19	0.1	5.5	0.034	0.1	1.5	43	0.2	82
1079526	0.5	285	1.2	0.005	23.6	0.058	17.4	0.025	3.2	1.8	0.25	12	0.1	2	0.017	0.1	1.1	42	0.2	62
1079527	0.24	1242	1.9	0.004	53.4	0.062	39.6	0.025	81.6	1.5	0.25	7	0.1	12.7	0.005	0.05	2.6	21	0.05	263
1079528	0.42	235	1.1	0.005	24.6	0.057	14.5	0.025	3.7	2.4	0.25	13	0.1	4.1	0.025	0.05	1.1	44	0.2	64
1079529	1.58	653	1.2	0.005	90.6	0.077	21.2	0.025	1.8	4.8	0.5	17	0.1	7.6	0.043	0.1	1.2	78	0.1	67
1079530	1.27	710	2.1	0.004	77.8	0.086	151.4	0.025	60.9	3.2	0.8	30	0.1	18.2	0.013	0.05	3.1	52	0.05	247
1079531	0.62	520	1.3	0.005	31.6	0.064	24.5	0.025	3.3	2	0.5	17	0.1	6.1	0.02	0.05	1.7	37	0.2	78
1079532	0.56	389	1.4	0.005	39	0.061	26.2	0.025	2.6	2	0.25	13	0.1	8.8	0.021	0.05	2.3	32	0.1	82
1079533	0.5	377	1.2	0.005	26.1	0.062	29.4	0.025	4.5	2	0.25	13	0.1	5.5	0.018	0.05	2.1	33	0.1	72
1079534	0.59	517	1.2	0.005	35.2	0.074	26.8	0.025	5.4	2.3	0.7	16	0.1	3.7	0.017	0.05	2	40	0.2	81
1079536	0.57	422	1	0.005	42	0.058	24.2	0.025	4.4	2.5	0.25	14	0.1	6.5	0.019	0.05	1.8	36	0.2	83
1079537	0.65	602	1.3	0.005	45.4	0.062	21.4	0.025	2.8	2.5	0.25	13	0.1	7.4	0.019	0.05	1.8	38	0.2	85
1079538	0.55	522	0.8	0.005	37.2	0.066	18.8	0.025	8.1	2.4	0.25	15	0.1	10	0.026	0.05	1.9	35	0.3	78
1079539	0.47	378	0.8	0.006	30.4	0.081	13.6	0.025	5.1	2.3	0.25	19	0.1	6.4	0.033	0.05	1.1	42	0.5	71
1079540	0.59	559	0.9	0.005	33.1	0.062	25	0.025	7.2	2.6	0.25	14	0.1	3.9	0.022	0.1	1.1	44	0.4	87
1079541	0.49	464	1.2	0.008	28.4	0.096	23.1	0.025	5.8	2.7	0.6	20	0.1	1.6	0.017	0.2	2.1	42	0.2	86
1079542	0.59	809	1.3	0.006	38	0.071	43.2	0.025	26.7	2.3	0.5	17	0.1	4.1	0.019	0.1	1.7	41	0.2	88
1079543	0.55	426	1.4	0.007	48.3	0.066	41.1	0.025	22.2	2.8	0.25	18	0.1	8.9	0.018	0.05	2.7	36	0.2	107
1079544	0.56	451	1.4	0.006	37	0.076	35.8	0.025	10.2	3.2	0.25	17	0.1	6.6	0.014	0.05	3.2	33	0.1	87
1079545	0.37	264	1.4	0.006	21.3	0.06	38	0.025	15.1	1.6	0.25	14	0.1	5	0.024	0.05	1.4	35	0.3	74
1079546	0.44	187	1	0.006	17.6	0.061	34.3	0.025	9.5	1.7	0.25	14	0.1	1.9	0.016	0.1	1.4	37	0.3	69
1079548	0.45	346	0.8	0.007	29.6	0.061	22	0.025	4.5	2	0.25	21	0.1	7.1	0.017	0.05	1.7	29	0.2	71
1079549	0.48	467	1	0.005	42.5	0.059	19.2	0.025	3.4	2.7	0.25	14	0.1	7.6	0.018	0.05	1.9	34	0.2	81
1079551	0.33	128	0.9	0.004	15.6	0.063	19.7	0.025	3.7	1.2	0.25	9	0.1	1.1	0.011	0.1	1	37	0.3	51
1079553	0.38	170	0.8	0.005	19.6	0.065	17.9	0.025	4.2	2	0.25	12	0.1	2.5	0.018	0.05	0.8	35	0.3	62
1079560	0.35	408	0.8	0.005	18.1	0.046	32.7	0.06	6.7	2	0.25	13	0.1	3.1	0.023	0.1	0.7	36	0.2	64
1079561	0.37	293	1	0.005	21.2	0.046	17.7	0.025	5.7	2	0.25	12	0.1	4.6	0.021	0.05	0.6	38	0.2	66
1079562	0.31	405	2	0.01	45	0.066	104.3	0.1	104.3	1.7	1.2	28	0.1	19.3	0.005	0.1	1.7	15	0.05	115
1079568	0.26	235	0.4	0.002	19.9	0.041	18.3	0.025	1.1	0.8	0.25	10	0.1	4.4	0.006	0.05	0.9	15	0.1	53
1079569	0.26	363	0.6	0.003	17.7	0.045	18.7	0.025	0.7	1.3	0.25	13	0.1	6.8	0.013	0.05	1.1	25	0.3	52
1079570	0.13	224	1.4	0.003	14.6	0.042	21.2	0.025	0.7	1	0.25	7	0.1	3.5	0.024	0.1	0.6	35	0.4	38
1079571	0.24	725	0.7	0.002	21.1	0.051	22.4	0.025	0.6	0.9	0.25	9	0.1	5.9	0.009	0.05	0.8	21	0.2	55
1079572	0.23	227	0.6	0.004	17	0.053	12.6	0.025	0.6	0.9	0.25	12	0.1	2.4	0.007	0.05	1	18	0.2	39
1079573	0.09	299	0.8	0.001	23.3	0.032	34	0.025	1	0.9	0.25	8	0.1	20.2	0.002	0.05	1.6	6	0.05	69
1079574	0.25	499	0.8	0.002	23.4	0.042	26.5	0.025	0.8	1	0.25	12	0.1	9.5	0.011	0.05	1	18	0.1	55
1079575	0.54	296	0.8	0.006	24.2	0.053	31.4	0.025	1.3	1.3	0.25	10	0.1	16	0.008	0.05	2.2	17	0.05	81
1079576	0.5	517	1.7	0.005	24.9	0.071	37.7	0.025	2	1.2	0.25	8	0.1	13.1	0.009	0.05	2.2	18	0.05	90
1079577	0.42	447	1.4	0.005	39	0.06	30	0.025	2.4	1.4	0.25	11	0.1	12	0.011	0.05	2.6	21	0.1	91
1079578	0.29	578	1.4	0.003	47.3	0.05	29.3	0.025	3.6	1.8	0.6	10	0.1	14.1	0.007	0.05	2.6	15	0.05	99
1079579	0.33	246	0.9	0.004	22.6	0.057	15.1	0.025	1.9	1.5	0.25	10	0.1	5.5	0.022	0.05	1.3	27	0.2	62
1079580	0.28	123	0.8	0.003	16.2	0.051	15.1	0.025	1.5	1.1	0.25	7	0.1	2.2	0.012	0.1	0.9	24	0.2	49
1079581	0.22	254	1	0.003	27.9	0.045	17.4	0.025	2.5	1.7	0.25	5	0.1	4.7	0.013	0.05	1.4	25	0.2	68
1079582	0.41	162	0.9	0.004	16.4	0.045	32.8	0.025	1.5	1	0.25	7	0.1	16.1	0.005	0.05	1.8	13	0.05	67

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1079583	412198	7079582	8N	0.1	0.98	17.5	2.8	0.5	60	0.3	0.05	0.1	5.8	17	20.9	2.53	3	0.04	0.03	14
1079584	412201	7079634	8N	0.05	1.38	10	4	0.5	106	0.4	0.06	0.2	12.3	18	41.3	3.86	4	0.02	0.03	18
1079585	412202	7079685	8N	0.2	0.39	37.7	47.2	1	46	0.3	0.02	0.05	1.5	7	22.3	2.01	2	0.09	0.05	38
1079587	412180	7079732	8N	0.3	0.69	102.8	10.5	0.5	237	0.1	0.25	0.1	1.4	4	11.9	0.99	2	0.17	0.06	10
1079588	412183	7079782	8N	0.3	1.05	81.4	21.3	0.5	85	0.2	0.12	0.3	6.9	18	22.5	2.87	4	0.19	0.05	20
1079589	412174	7079832	8N	0.3	0.98	106.5	59.2	2	110	0.3	0.14	0.2	6.9	18	22.8	2.34	3	0.32	0.05	25
1079590	412173	7079882	8N	0.3	1.19	50.6	24.2	1	100	0.2	0.09	0.2	7	22	19.5	2.54	4	0.15	0.04	17
1079591	412161	7079932	8N	0.3	1.36	40.7	25.4	1	135	0.3	0.11	0.2	6.5	23	20.9	2.42	4	0.15	0.05	16
1079592	412154	7079983	8N	0.3	1.38	34.4	8.2	1	174	0.3	0.12	0.2	7.4	25	23.9	2.91	5	0.13	0.05	21
1079593	412145	7080032	8N	0.2	1	21.8	12.9	2	125	0.2	0.14	0.2	6.6	22	22.9	2.55	4	0.13	0.04	24
1079594	412129	7080081	8N	0.2	1.07	15.1	9.1	1	89	0.2	0.11	0.2	5.9	20	18.8	2.2	3	0.12	0.04	21
1079595	412103	7080125	8N	0.1	1.07	12.8	11.7	1	108	0.2	0.1	0.2	6	21	17.2	2.17	4	0.06	0.04	18
1079596	412080	7080171	8N	0.1	1.17	13.1	2	0.5	87	0.2	0.09	0.1	6	21	17.4	2.43	4	0.06	0.04	22
1079597	412062	7080220	8N	0.05	1.15	13.3	13.6	2	80	0.2	0.09	0.1	4.9	20	17	2.25	4	0.05	0.03	19
1079599	412047	7080268	8N	0.2	1.16	16.4	2.6	0.5	200	0.2	0.12	0.2	8.4	23	21.5	2.34	4	0.05	0.04	20
1079600	412007	7080304	8N	0.2	1.19	19.1	3.9	1	152	0.3	0.11	0.2	6.1	24	21.8	2.35	4	0.04	0.04	20
1079601	411978	7080348	8N	0.1	1.15	18.6	4.7	1	125	0.2	0.12	0.2	6.1	24	19.8	2.32	3	0.04	0.04	21
1079602	411951	7080392	8N	0.1	1.18	15.1	6.8	0.5	79	0.2	0.08	0.1	4.4	24	15	2.14	4	0.04	0.03	16
1079603	411935	7080442	8N	0.2	1.17	30.1	4.4	1	94	0.3	0.11	0.2	6.3	22	15.3	2.25	4	0.04	0.04	20
1079604	411918	7080491	8N	0.4	1.17	68.7	2.9	1	71	0.3	0.07	0.3	8.2	21	14.9	2.6	5	0.05	0.04	17
1079605	411880	7080526	8N	1	0.75	206.8	45.9	2	104	0.3	0.11	1.1	9.5	13	28.6	2.54	2	0.04	0.05	29
1079606	411848	7080566	8N	0.3	1	42	4.6	2	260	0.2	0.14	0.3	7.6	19	24.3	2.26	3	0.05	0.04	22
1079607	411814	7080605	8N	0.3	1.18	45.1	16.3	2	273	0.3	0.11	0.3	7.6	21	25.7	2.47	4	0.06	0.05	26
1079608	411775	7080636	8N	0.05	1.03	28.3	4.1	1	118	0.2	0.09	0.2	6.8	18	14.8	1.95	3	0.03	0.04	21
1079609	411737	7080671	8N	0.2	0.97	36.2	8.5	0.5	71	0.2	0.08	0.3	6.8	18	19.2	2.08	3	0.05	0.04	21
1079611	413805	7072675	8N	0.7	1.29	34.6	6.4	2	99	0.4	0.14	0.6	6.5	22	170.1	2.12	4	0.04	0.06	20
1079612	413786	7072721	8N	0.5	1.27	67.8	17.4	0.5	135	0.9	0.14	0.9	9.3	19	29.4	2.36	3	0.05	0.06	25
1079613	413766	7072768	8N	0.2	1.63	30.5	3.1	0.5	120	0.4	0.16	0.5	10.2	24	29.9	2.53	5	0.05	0.07	23
1079614	413746	7072814	8N	0.05	1.33	72.9	6.6	0.5	120	0.5	0.11	0.8	8.4	22	23.6	2.54	4	0.04	0.06	19
1079615	413726	7072860	8N	0.3	1.15	79.9	4.1	1	110	0.4	0.13	0.8	12.1	19	28	2.23	3	0.04	0.06	20
1079616	413707	7072906	8N	1.8	1.69	766.3	14.4	0.5	104	5.2	0.2	1.9	24.7	22	55.2	3.94	4	0.04	0.09	38
1079617	413688	7072952	8N	0.6	1.23	196.2	11.4	0.5	96	1.3	0.21	0.8	12.9	20	45.7	2.89	3	0.05	0.07	32
1079618	413668	7072998	8N	0.5	1.39	203.5	7.7	0.5	86	1.2	0.13	0.7	12.6	19	37.4	3.01	3	0.03	0.05	44
1079619	413648	7073042	8N	0.5	1.34	202	9.8	2	138	1.2	0.15	0.5	9	21	24.6	2.53	4	0.03	0.05	22
1079620	413629	7073089	8N	0.2	1.15	65.3	24.2	1	105	0.5	0.16	0.7	7.4	20	16.6	2.22	3	0.06	0.04	23
1079621	413609	7073137	8N	0.8	1.63	285.8	16.4	0.5	132	1.6	0.34	3.8	11.1	24	61.4	3.63	5	0.03	0.1	43
1079623	413588	7073182	8N	0.4	1.52	220.9	11.1	1	159	2.4	0.24	8	10.9	27	93.8	2.8	4	0.03	0.13	26
1079624	413570	7073228	8N	0.5	1.45	174.3	15.5	1	116	2.1	0.15	5	7.4	24	58.6	2.48	4	0.04	0.07	20
1079625	413551	7073273	8N	0.6	1.33	334.8	11.4	0.5	57	1.9	0.49	8.5	11.2	23	64.3	2.85	5	0.03	0.19	41
1079626	413531	7073320	8N	0.3	1.24	124.3	6.9	0.5	86	0.5	0.6	1.4	6.2	21	18.6	2.11	4	0.03	0.05	17
1079627	413512	7073366	8N	0.1	1.26	142.8	3.7	0.5	83	0.4	0.22	1.1	8.7	21	19.7	2.55	4	0.03	0.06	21
1079628	413493	7073411	8N	0.2	1.32	45.2	5.2	0.5	145	0.3	0.22	0.5	8.7	22	24.3	2.36	4	0.02	0.08	18
1079629	413473	7073457	8N	0.5	1.54	61.8	14	0.5	154	0.5	0.26	1.9	15.2	19	43	3.69	4	0.03	0.07	38
1079630	413453	7073503	8N	0.3	1.54	67.7	9.9	0.5	90	0.5	0.13	0.7	11.4	22	24.9	2.97	4	0.04	0.06	30
1079631	413434	7073550	8N	0.2	1.43	48.1	9	0.5	118	0.5	0.15	0.7	9.8	22	31.4	2.73	4	0.03	0.08	27
1079632	413414	7073595	8N	0.3	1.34	42.1	10.9	0.5	125	0.4	0.18	0.2	8.9	21	33.8	2.61	4	0.03	0.06	29

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1079583	0.26	165	0.9	0.003	14.2	0.041	18	0.025	2	1.3	0.25	6	0.1	3.8	0.014	0.05	1	27	0.2	49
1079584	0.45	265	1.2	0.003	19.5	0.041	32.9	0.025	2.4	1.7	0.25	11	0.1	11.1	0.007	0.05	1.9	19	0.05	68
1079585	0.06	47	12.1	0.002	4.8	0.021	17.7	0.025	8.4	0.8	0.6	6	0.1	7.5	0.006	0.1	0.8	13	0.1	23
1079587	0.18	64	1	0.003	4.2	0.016	46.5	0.05	2.8	0.7	0.25	26	0.1	10.1	0.002	0.3	3.2	6	0.05	18
1079588	0.27	272	1.3	0.004	18	0.067	27.9	0.025	11.4	1.5	0.25	12	0.1	4	0.023	0.1	1.1	33	0.4	63
1079589	0.28	268	1.2	0.004	18.7	0.067	37	0.025	7.7	1.8	0.5	12	0.1	4.2	0.025	0.2	1.4	32	0.6	55
1079590	0.34	265	1.2	0.005	17.7	0.053	20.1	0.025	3.6	1.7	0.25	9	0.1	2	0.025	0.2	1	39	0.6	58
1079591	0.37	225	1.1	0.004	17.6	0.066	17.7	0.025	2.6	2	0.25	9	0.1	1.9	0.027	0.2	1.1	40	0.4	55
1079592	0.38	276	1.3	0.006	19.5	0.078	20.3	0.025	3.6	1.6	0.25	11	0.1	1.8	0.023	0.3	1.4	40	0.4	70
1079593	0.34	240	1	0.004	18.5	0.071	15.1	0.025	3	2	0.25	11	0.1	4.3	0.027	0.2	1.4	39	0.7	58
1079594	0.33	207	0.8	0.004	15.2	0.056	12.9	0.025	2.2	1.5	0.25	9	0.1	3.6	0.025	0.2	1.1	33	0.5	54
1079595	0.31	224	1	0.004	16.3	0.05	11	0.025	1.4	1.5	0.25	9	0.1	2	0.027	0.1	0.9	37	0.4	54
1079596	0.35	203	1	0.005	15.1	0.05	16.1	0.025	1.3	1.4	0.25	9	0.1	2.2	0.023	0.1	1	35	0.3	57
1079597	0.34	165	0.9	0.004	13.6	0.05	19.1	0.025	1.3	1.2	0.25	8	0.1	2	0.019	0.1	0.9	31	0.3	51
1079599	0.39	467	0.9	0.005	18.1	0.055	15.1	0.025	1.6	2.2	0.25	12	0.1	2.9	0.03	0.1	1.2	36	0.3	58
1079600	0.37	190	0.9	0.005	16.6	0.058	20.9	0.025	2.2	1.9	0.25	10	0.1	2.2	0.023	0.1	1.3	35	0.3	56
1079601	0.38	189	0.9	0.005	17.5	0.062	13.6	0.025	1.7	1.8	0.25	11	0.1	2.4	0.029	0.1	1.2	34	0.3	56
1079602	0.34	135	1	0.004	12.8	0.057	13.8	0.025	1.2	1.3	0.25	8	0.1	1.2	0.018	0.1	1	34	0.3	46
1079603	0.38	255	0.9	0.005	14.4	0.055	14.5	0.025	1.6	1.5	0.25	10	0.1	1.6	0.027	0.1	1	35	0.3	54
1079604	0.29	359	1.2	0.005	15.4	0.053	32.2	0.025	6	1.1	0.25	8	0.1	1.2	0.024	0.1	0.9	41	0.2	60
1079605	0.24	216	0.8	0.004	26.6	0.059	78.7	0.025	13.7	2.4	0.25	11	0.1	8.2	0.017	0.05	1.5	22	0.3	120
1079606	0.33	249	0.8	0.005	20	0.061	14.6	0.025	2.5	2.4	0.25	12	0.1	4.9	0.033	0.05	1.3	34	0.5	61
1079607	0.35	310	1	0.005	21.3	0.054	17.3	0.025	4.9	2.8	0.25	11	0.1	4.4	0.027	0.1	1.6	34	0.4	66
1079608	0.3	257	0.8	0.004	14.4	0.049	11.8	0.025	2.7	1.7	0.25	8	0.1	2.5	0.026	0.05	0.9	31	0.3	51
1079609	0.29	280	0.8	0.003	19.5	0.051	14.6	0.025	2.9	1.2	0.25	7	0.1	2.5	0.018	0.05	1.1	25	0.2	57
1079611	0.37	226	0.8	0.004	15.6	0.065	67.1	0.025	0.7	1.7	0.25	11	0.1	3.5	0.024	0.2	0.9	31	0.3	168
1079612	0.38	408	0.7	0.005	21.4	0.059	46.5	0.025	0.9	2.3	0.25	12	0.1	5.7	0.031	0.2	1.1	29	0.4	136
1079613	0.82	485	0.7	0.007	20.5	0.065	20.9	0.025	0.6	2.6	0.25	12	0.1	4.4	0.033	0.2	0.9	36	0.4	96
1079614	0.37	407	0.9	0.005	18.8	0.05	23.5	0.025	0.8	2	0.25	10	0.1	3.5	0.029	0.2	0.9	37	0.5	101
1079615	0.37	375	0.8	0.005	23.8	0.051	24.7	0.025	0.9	1.7	0.5	13	0.1	7.5	0.032	0.1	0.9	29	0.6	105
1079616	1.1	1336	0.9	0.003	44.1	0.083	102	0.025	2	2.2	0.25	19	0.1	14	0.015	0.2	2.5	31	0.2	203
1079617	0.54	521	0.7	0.004	34.2	0.072	42	0.025	1.4	2.3	0.25	14	0.1	12.4	0.021	0.1	1.8	25	0.4	120
1079618	0.59	550	0.6	0.003	29.4	0.058	44.4	0.025	1.1	1.7	0.25	10	0.1	13.2	0.007	0.1	1.5	18	0.2	118
1079619	0.43	479	0.9	0.005	19.4	0.062	32.8	0.025	0.9	1.7	0.25	13	0.1	3.4	0.014	0.2	1.3	29	0.4	98
1079620	0.37	371	0.8	0.003	15.8	0.065	22.1	0.025	0.6	1.3	0.25	12	0.1	3.6	0.018	0.1	0.9	29	0.8	111
1079621	0.67	516	0.7	0.004	33.2	0.063	43.7	0.025	0.8	2.4	0.25	26	0.1	15	0.009	0.4	2.5	23	0.3	438
1079623	0.45	677	0.8	0.009	26	0.053	10.3	0.025	0.7	2.7	0.25	24	0.1	7.9	0.022	0.5	2.1	30	0.6	963
1079624	0.36	410	0.9	0.004	19.2	0.047	16.1	0.025	0.6	1.9	0.8	18	0.1	3.8	0.018	0.3	1.6	31	0.5	862
1079625	0.43	639	0.5	0.004	26.1	0.05	16.1	0.025	0.6	2.5	0.25	25	0.1	11.5	0.005	0.5	1.8	21	0.1	783
1079626	0.34	375	0.8	0.006	17.7	0.055	11.5	0.025	0.5	1.5	0.25	31	0.1	2.2	0.013	0.2	1.7	25	0.2	189
1079627	0.43	339	0.7	0.005	23.5	0.069	14.9	0.025	0.6	1.7	0.25	16	0.1	4.5	0.018	0.1	1.3	28	0.3	178
1079628	0.41	380	0.7	0.006	24.3	0.069	12	0.025	0.6	1.9	0.25	19	0.1	4.4	0.022	0.2	1.5	31	0.3	93
1079629	0.5	951	1	0.004	38.1	0.072	28.8	0.025	1.5	2.1	0.25	15	0.1	14.4	0.011	0.2	1.6	21	0.2	210
1079630	0.52	516	0.9	0.003	25.9	0.051	50.8	0.025	1	1.8	0.25	12	0.1	8.1	0.014	0.2	1.3	23	0.1	135
1079631	0.46	394	0.8	0.004	26.4	0.067	26	0.025	1	2.8	0.25	14	0.1	8.7	0.028	0.2	1.5	30	0.2	157
1079632	0.59	529	0.8	0.004	26.1	0.061	14.7	0.025	1	2.2	0.6	13	0.1	6	0.016	0.2	0.9	29	0.2	83

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1079633	413395	7073640	8N	0.5	1.28	114.4	7.7	0.5	172	0.3	0.12	0.6	12	19	29.7	2.86	4	0.03	0.08	39
1079635	413376	7073687	8N	0.5	1.21	13.3	18.9	1	93	0.2	0.08	0.3	10.3	17	18	2.12	3	0.04	0.12	26
1079636	413355	7073734	8N	0.5	0.99	35.6	5	1	66	0.3	0.05	0.1	8.4	14	26	2.38	3	0.02	0.09	53
1079637	413336	7073780	8N	1.3	1.95	85.8	12.6	0.5	84	0.6	0.28	1	24.7	25	80	3.28	6	0.02	0.08	44
1079638	413317	7073826	8N	1.1	1.3	37.4	2.9	0.5	89	0.5	0.19	0.7	11.8	19	33.8	2.83	4	0.02	0.05	25
1079639	413297	7073872	8N	0.4	1.15	42.2	10.1	0.5	75	0.7	0.11	0.9	9.9	18	30.5	3.14	3	0.02	0.04	28
1079640	413278	7073918	8N	0.4	1.36	35.5	10	0.5	96	0.4	0.15	0.5	9.9	22	32.5	2.98	4	0.02	0.05	28
1079641	413257	7073964	8N	0.6	1.52	55.3	24.1	0.5	96	0.4	0.22	0.3	10.3	25	28.8	2.95	4	0.03	0.06	35
1079642	413989	7072754	8N	0.2	1.38	49	6.6	0.5	87	0.7	0.11	1.4	6	27	33.2	2.28	5	0.04	0.07	17
1079643	413969	7072801	8N	0.2	1.87	83.3	2.2	0.5	254	1.3	0.29	6.5	9.3	27	78.9	2.44	6	0.02	0.23	22
1079644	413950	7072846	8N	0.2	1.54	43.9	20.7	0.5	167	0.8	0.15	2.5	6.8	25	45.5	2.18	4	0.03	0.09	22
1079645	413930	7072892	8N	0.2	1.39	56.7	12.1	0.5	190	0.8	0.18	3.5	10.9	24	61.6	2.22	4	0.02	0.16	25
1079646	413910	7072946	8N	0.2	1.3	45.3	10.8	0.5	152	0.8	0.15	3.9	8.1	24	49.7	2.25	4	0.04	0.07	21
1079647	413890	7072985	8N	0.2	1.58	38	15.4	1	130	0.7	0.11	2.2	7.1	26	44.9	2.42	5	0.03	0.07	20
1079648	413872	7073030	8N	0.5	1.46	88.6	44.6	1	138	1.2	0.15	5.7	9.7	27	71.3	2.46	4	0.08	0.08	22
1079649	413851	7073078	8N	0.5	1.61	66.4	37.2	1	187	1.1	0.16	7.7	11.6	29	63.6	2.68	5	0.05	0.12	20
1079650	413833	7073122	8N	1.1	2.42	180.5	8.4	3	211	8.2	0.17	34	8.8	34	217.2	7.03	9	0.06	0.93	20
1079651	413895	7072715	8N	0.2	1.72	60	3	0.5	274	1.1	0.13	2.6	10.4	24	56.2	2.76	5	0.03	0.1	26
1079652	413878	7072762	8N	0.2	1.53	57.2	4.2	0.5	193	0.9	0.19	2	8	23	52.4	2.54	4	0.03	0.1	22
1079653	413859	7072807	8N	0.3	2.26	69.8	3.9	1	246	1.1	0.16	1.8	10.7	30	84.4	2.97	7	0.04	0.19	23
1079654	413840	7072854	8N	0.2	1.57	52.4	29.4	0.5	156	0.9	0.18	2.1	5.8	25	43.7	2.46	5	0.02	0.07	17
1079655	413818	7072900	8N	0.3	2.22	76.6	5.1	0.5	358	1.2	0.2	7.4	11.2	29	100.3	3.17	6	0.01	0.18	28
1079656	413798	7072945	8N	0.3	1.99	67.3	12.9	0.5	208	1.3	0.16	4.6	10.2	28	81.4	2.88	6	0.03	0.14	24
1079657	413778	7072991	8N	0.1	2.05	58.8	7.3	1	165	1	0.13	2.4	9.8	31	55.7	2.98	6	0.03	0.09	17
1079658	413760	7073037	8N	0.3	1.74	61.1	16.2	0.5	140	0.8	0.14	1.7	9.2	27	49.2	2.78	5	0.04	0.07	19
1079659	413737	7073082	8N	0.4	1.58	215.5	46.1	2	129	3.7	0.17	5.8	16	30	127.1	4.53	5	0.005	0.13	25
1079660	413721	7073129	8N	0.3	2.44	237	2.9	0.5	188	3.7	0.29	2.6	17.8	32	93.4	3.53	7	0.03	0.3	35
1079661	413700	7073175	8N	0.3	1.59	124.1	8.6	0.5	153	2.4	0.18	1.8	11.4	26	55	2.55	5	0.04	0.09	19
1079662	413684	7073218	8N	0.4	1.74	198.9	8.5	0.5	180	1.1	0.26	4	12.3	29	59.1	3.09	5	0.04	0.13	23
1079663	413663	7073263	8N	0.05	1.76	96.1	6.7	1	124	1.2	0.15	4.3	11.9	26	69.5	2.71	5	0.03	0.08	18
1079664	413646	7073308	8N	0.2	1.69	588.1	17.7	2	71	3	0.37	42.1	18.7	35	120.2	2.72	6	0.01	0.46	38
1079672	413506	7073632	8N	0.1	1.89	54.7	5.2	2	175	0.6	0.13	0.6	11.7	28	34.9	3.26	6	0.02	0.17	24
1079673	413483	7073679	8N	0.2	1.24	41.7	5.1	1	130	0.4	0.18	1.5	9.5	21	21.8	2.42	4	0.02	0.08	21
1079674	413466	7073727	8N	1.6	1.59	129	35.3	0.5	104	0.6	0.3	0.9	12.8	22	34.3	3.03	5	0.02	0.1	40
1079675	413445	7073773	8N	0.2	1.48	32.5	1.5	0.5	37	0.3	0.27	0.2	12.5	15	26.3	2.61	4	0.005	0.04	38
1079677	413430	7073820	8N	0.2	0.92	85.5	10.5	0.5	108	0.2	0.12	0.7	10.2	15	23.5	2.08	3	0.02	0.09	33
1079678	413409	7073864	8N	0.3	1.08	40.4	35.1	2	182	0.4	0.29	0.9	9.8	26	36	2.93	3	0.08	0.06	27
1079679	413392	7073911	8N	0.3	1.85	77.8	6.2	0.5	69	0.7	0.1	0.4	14.2	25	50.8	3.87	5	0.01	0.06	53
1079680	413310	7074094	8N	0.1	1.48	254.8	15.4	2	92	0.9	0.14	0.3	9.3	30	23.8	2.72	5	0.03	0.06	22
1079681	413331	7074049	8N	0.2	1.5	385.2	19.5	2	153	1.5	0.23	0.6	14.7	26	34.7	3.01	4	0.03	0.08	27
1079682	413352	7074003	8N	0.3	1.53	53.3	6.1	1	99	0.4	0.13	0.4	9.9	27	35.9	2.94	5	0.04	0.06	34
1079683	413372	7073956	8N	0.7	1.25	418.5	36.9	1	89	1.2	0.2	2.1	17.3	15	56.2	3.26	3	0.01	0.07	47
1079684	413547	7072023	8N	0.4	1.4	25.1	4.2	4	204	0.4	0.13	0.4	9.1	22	29	2.66	4	0.03	0.06	29
1079685	413569	7071978	8N	0.4	1.09	24.8	23.7	2	116	0.3	0.16	0.5	10.3	20	27.9	2.38	3	0.03	0.06	33
1079686	413587	7071932	8N	0.7	1.34	33.9	2.8	2	118	0.4	0.1	0.4	9.9	19	27	2.55	3	0.02	0.05	34
1079687	413605	7071887	8N	0.4	1.1	23.6	3.6	0.5	146	0.3	0.14	0.3	12.1	17	25.2	2.46	3	0.04	0.05	33

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1079633	0.44	613	0.7	0.005	28.7	0.052	39.3	0.025	1.4	2.2	0.25	12	0.1	11.3	0.01	0.2	1.9	20	0.05	122
1079635	0.32	548	0.8	0.004	24.3	0.033	23.1	0.025	1.3	1.4	0.25	9	0.1	10.2	0.014	0.2	0.6	22	0.05	61
1079636	0.32	242	0.5	0.003	19.7	0.041	54.2	0.025	1	1.4	0.25	9	0.1	17.3	0.004	0.2	1.9	11	0.05	61
1079637	1.59	996	0.4	0.003	36.6	0.064	95.9	0.025	1.2	2.9	0.25	13	0.1	18.2	0.009	0.2	1.2	33	0.05	146
1079638	0.55	435	0.7	0.004	25.8	0.058	191.2	0.025	1	1.5	0.25	13	0.1	9.5	0.009	0.1	1	22	0.1	178
1079639	0.39	437	0.8	0.003	23.8	0.047	122.3	0.025	0.9	1.2	0.25	9	0.1	8.5	0.007	0.1	1.2	18	0.1	133
1079640	0.46	460	0.8	0.005	26.7	0.057	55.7	0.025	0.9	1.8	0.25	11	0.1	4.6	0.013	0.1	1.5	27	0.2	116
1079641	0.63	421	0.5	0.005	25.4	0.061	52.5	0.025	1.2	1.8	0.25	11	0.1	9.2	0.01	0.2	1.4	22	0.05	112
1079642	0.37	209	1.1	0.007	18.8	0.059	10.6	0.07	0.7	1	0.25	12	0.1	0.7	0.024	0.3	1	45	0.7	153
1079643	0.64	356	0.8	0.01	24.3	0.067	7.3	0.07	0.5	1.8	0.25	29	0.1	2.2	0.04	1	1.1	44	3.6	405
1079644	0.43	230	0.8	0.007	19.7	0.054	8.5	0.025	0.6	2.2	0.25	16	0.1	4.7	0.041	0.4	1.1	42	1.5	288
1079645	0.48	320	0.7	0.008	23.4	0.061	6.7	0.025	0.5	2	0.25	20	0.1	7	0.044	0.6	1	37	2	410
1079646	0.34	340	0.9	0.006	20.2	0.061	10.2	0.05	0.7	2	0.25	14	0.1	4.1	0.04	0.4	1.3	40	1.9	463
1079647	0.4	282	1.1	0.008	19.5	0.051	14.5	0.025	0.7	2.1	0.25	13	0.1	2	0.038	0.4	1.2	45	1	458
1079648	0.37	453	1	0.008	21.4	0.057	56	0.025	0.7	2	0.25	17	0.1	3	0.037	0.4	1.7	44	2.2	528
1079649	0.38	610	1.1	0.01	23.8	0.057	37	0.05	0.7	2.1	0.25	23	0.1	4	0.038	0.8	1.4	42	2.3	700
1079650	0.42	1093	1	0.011	23	0.045	21.8	0.13	0.6	2.7	0.25	25	0.1	5.9	0.068	10.2	1.5	40	13.6	1760
1079651	0.45	421	0.9	0.005	24	0.051	10.9	0.025	0.7	3.6	0.7	14	0.3	8.8	0.051	0.5	1.3	38	1.3	444
1079652	0.49	295	0.8	0.005	22.3	0.064	8.7	0.025	0.6	2.7	0.5	15	0.1	6	0.04	0.5	1.1	37	1.2	253
1079653	0.77	383	0.8	0.007	27.5	0.058	9.3	0.025	0.6	3.3	0.6	17	0.1	7.3	0.052	1	1.2	42	1.5	474
1079654	0.46	196	1	0.006	19.9	0.061	8.3	0.025	0.6	1.8	0.8	17	0.1	2.3	0.026	0.4	1	39	1	254
1079655	0.63	688	0.8	0.007	30.8	0.058	10.8	0.025	0.7	4	0.5	22	0.1	11	0.069	0.8	1.5	45	1.7	879
1079656	0.61	509	0.7	0.006	26.3	0.055	9.7	0.025	0.5	3.2	0.8	16	0.1	7.5	0.052	0.7	1.3	44	1.6	740
1079657	0.6	472	0.9	0.006	24.7	0.052	13	0.025	0.7	2.7	0.25	14	0.1	4.6	0.04	0.5	1	49	1.4	539
1079658	0.49	398	0.9	0.006	22.9	0.058	12.8	0.025	0.6	2.6	0.25	13	0.1	4.2	0.031	0.4	1.2	41	1.6	427
1079659	0.44	1161	1.1	0.005	26.8	0.065	14.6	0.025	1	2.9	0.8	19	0.1	12.8	0.033	0.9	2	45	2.8	828
1079660	0.95	520	0.8	0.011	38.9	0.062	12.4	0.025	0.5	3.4	0.25	27	0.2	11.5	0.044	1.3	1.5	40	1	384
1079661	0.41	405	0.9	0.007	23.7	0.059	12	0.025	0.6	2.2	0.25	22	0.1	4.4	0.044	0.4	1.1	36	1.2	296
1079662	0.5	569	0.8	0.008	30	0.06	12.4	0.025	0.8	2.8	0.25	33	0.1	8.7	0.024	0.5	1.2	38	0.6	477
1079663	0.44	501	1	0.008	22.9	0.051	9.7	0.025	0.5	2.6	0.25	23	0.1	6.9	0.028	0.3	1.1	38	0.6	854
1079664	0.57	1272	0.5	0.004	38	0.033	11.2	0.025	0.6	3.2	0.8	23	0.1	20	0.007	1.5	1.2	29	0.1	1530
1079672	0.61	379	0.7	0.009	33.5	0.052	12.6	0.07	0.5	2.5	0.25	33	0.1	7.1	0.04	0.4	1.6	36	0.2	113
1079673	0.43	416	0.7	0.005	22.8	0.06	11.4	0.025	0.6	1.9	0.25	18	0.1	2.8	0.029	0.2	1.3	32	0.2	192
1079674	0.6	571	0.7	0.005	36.5	0.064	20.4	0.05	3.1	2.1	0.5	23	0.1	10.6	0.009	0.3	1.4	21	0.2	143
1079675	0.7	280	0.3	0.002	25.5	0.023	8.4	0.025	0.4	1.2	0.5	13	0.1	19.7	5E-04	0.1	1.6	8	0.05	34
1079677	0.4	651	0.3	0.003	22.7	0.037	31.2	0.025	0.8	1.6	0.8	10	0.1	13.1	0.007	0.05	0.8	14	0.2	68
1079678	0.43	377	1.1	0.006	30.8	0.099	15.6	0.025	0.9	3.1	0.7	20	0.1	10.1	0.047	0.1	1.9	48	1.2	99
1079679	0.75	361	0.6	0.006	31.5	0.055	29.9	0.06	0.5	1.9	0.6	35	0.1	20.4	0.007	0.2	2.6	21	0.1	103
1079680	0.47	418	1	0.006	22.2	0.066	12.7	0.025	0.9	2.2	0.7	13	0.1	3	0.031	0.2	1.3	46	0.4	79
1079681	0.55	643	1.1	0.007	33	0.09	15.8	0.025	1.3	2.7	0.9	22	0.1	9.8	0.037	0.2	1.5	37	0.3	102
1079682	0.58	332	0.8	0.005	26.3	0.066	15.7	0.025	0.7	2.7	0.25	16	0.1	8.5	0.031	0.1	1.9	38	0.4	97
1079683	0.49	658	0.4	0.003	37.6	0.048	25.8	0.025	1.2	1.7	0.25	14	0.1	18	0.005	0.2	1.6	14	0.1	193
1079684	0.49	372	0.6	0.009	24.4	0.068	17.9	0.025	0.9	2.9	0.25	13	0.1	7.1	0.031	0.1	1.5	34	0.3	78
1079685	0.37	424	0.6	0.005	26.2	0.069	19.6	0.025	0.9	2	0.5	14	0.1	8.1	0.031	0.05	1.2	31	0.4	66
1079686	0.39	433	0.7	0.004	24.7	0.064	25.2	0.025	0.9	1.5	0.25	12	0.1	3.9	0.012	0.1	1.3	26	0.1	64
1079687	0.35	687	0.7	0.005	27.1	0.048	20.9	0.025	0.8	1.8	0.6	14	0.1	6.3	0.018	0.1	1.1	25	0.2	62

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1079688	413626	7071839	8N	0.3	1.27	31.7	2.5	0.5	97	0.3	0.1	0.3	11.1	19	23.2	2.41	3	0.04	0.06	38
1079689	414189	7073817	8N	0.1	1.15	33.9	4.6	0.5	83	0.3	0.06	0.4	6.9	20	13.6	2.05	3	0.03	0.04	10
1079690	414171	7073861	8N	3.4	0.99	83.6	16	1	100	0.4	0.08	1	9.1	21	73	2.11	3	0.05	0.04	12
1079691	414150	7073906	8N	0.7	0.96	79.2	7.2	0.5	125	0.4	0.18	0.9	9.1	22	86.2	2.26	3	0.04	0.05	14
1079692	414036	7074184	8N	0.4	1	50.3	318.9	0.5	125	0.3	0.13	0.4	7.2	21	18.2	2.08	3	0.03	0.04	13
1079693	414014	7074232	8N	0.4	1.05	54.8	2.4	0.5	124	0.3	0.16	0.4	6.7	14	19.6	2.09	3	0.02	0.04	12
1079694	413993	7074278	8N	1.7	1.12	71.9	5.5	0.5	147	0.5	0.2	1.3	6.5	22	33.7	2.18	3	0.02	0.04	14
1079695	413973	7074325	8N	3.1	1.12	85.8	11.5	0.5	141	0.7	0.24	2.2	6	22	43.5	2.08	3	0.03	0.05	15
1079696	413956	7074368	8N	1.9	0.83	89.5	14.2	0.5	99	0.7	0.22	1.1	6.7	17	22.5	1.9	2	0.02	0.05	15
1079697	414052	7074138	8N	0.1	0.96	89.6	33.1	0.5	121	0.4	0.1	1.5	6.6	20	17.7	1.82	3	0.03	0.07	12
1079698	414074	7074093	8N	0.2	1.07	133	9.8	0.5	140	0.4	0.12	1.1	7	22	19.9	1.95	3	0.03	0.07	14
1079699	414092	7074047	8N	0.3	1.18	199	10	0.5	153	0.6	0.15	0.9	8.9	26	27.7	2.3	4	0.03	0.1	15
1079700	414115	7074002	8N	0.3	1.1	147.7	13.2	0.5	138	0.5	0.11	0.9	8.8	27	27.1	2.14	3	0.02	0.07	14
1079701	413797	7073131	8N	0.7	2.67	2740.2	19.7	0.5	121	44.1	0.19	7.8	37.9	20	465.5	11.44	12	0.02	0.04	34
1079702	413812	7073170	8N	0.8	1.79	584.6	8.9	0.5	94	1.8	0.36	10	9.1	40	279.8	4.64	6	0.02	0.24	54
1079704	413793	7073215	8N	0.4	1.41	131.4	4.6	0.5	128	1	0.19	3.3	9.3	24	44.2	2.4	5	0.03	0.09	24
1079705	413773	7073261	8N	0.7	1.6	264.9	5.6	1	138	1.4	0.27	3.8	11.4	22	82	2.53	4	0.03	0.08	40
1079706	413755	7073306	8N	0.3	1.3	94.3	11.8	1	175	1.1	0.23	4.5	12.8	22	73.7	2.31	4	0.02	0.11	27
1079707	413734	7073353	8N	0.2	1.67	194.2	2.9	0.5	198	0.8	0.27	7.6	16.1	25	52.2	2.64	5	0.03	0.22	27
1079708	413714	7073400	8N	0.5	1.4	173.3	9.9	0.5	185	0.9	0.24	1	11.3	27	34.2	2.6	4	0.04	0.08	23
1079709	413695	7073445	8N	0.4	1.36	101.8	10	0.5	194	0.6	0.21	1	10.1	24	41.2	2.59	4	0.03	0.1	26
1079710	413676	7073489	8N	0.3	1.85	59.5	5	0.5	204	0.4	0.31	0.9	11.4	29	34.4	2.72	6	0.02	0.22	25
1079711	413656	7073535	8N	0.5	1.55	77.3	5	0.5	138	0.7	0.14	1.9	7.6	24	39.8	2.41	5	0.03	0.09	24
1079712	413638	7073581	8N	0.3	1.88	143.8	32	0.5	238	0.5	0.31	0.6	13.6	32	34.8	2.79	6	0.03	0.24	27
1079713	413618	7073628	8N	0.4	3.03	188.4	7.6	0.5	243	1.1	0.24	1.4	19.6	34	66.3	4.56	8	0.01	0.57	28
1079714	413599	7073674	8N	0.3	2.15	78.6	10.2	0.5	217	0.7	0.15	0.7	15.2	32	46.8	3.29	6	0.02	0.2	28
1079715	413578	7073720	8N	0.2	1.64	64.6	10	0.5	126	0.5	0.13	0.5	10.4	25	33	2.73	5	0.02	0.11	28
1079716	413560	7073765	8N	0.3	1.99	97.9	4.6	0.5	148	1	0.13	0.3	16.2	28	43.7	3.37	6	0.05	0.14	32
1079717	413539	7073812	8N	0.2	1.75	56.8	6.9	0.5	126	0.6	0.09	0.5	11.7	27	34.5	2.92	5	0.03	0.12	25
1079718	413521	7073858	8N	0.3	1.38	182.9	20.7	0.5	70	0.8	0.09	0.4	12.5	27	43	2.92	4	0.04	0.09	33
1079719	413500	7073904	8N	0.4	1.28	116.4	9.9	0.5	60	0.9	0.05	0.3	6.3	22	47.1	3.24	4	0.03	0.07	37
1079720	413481	7073949	8N	0.1	1.88	84.7	8.6	0.5	70	0.5	0.08	0.3	20.2	26	63.2	3.85	5	0.02	0.06	55
1079721	413461	7073997	8N	0.2	1.12	52.4	18	0.5	76	0.4	0.1	0.3	7.5	22	24.1	2.35	4	0.02	0.05	23
1079722	413442	7074043	8N	0.2	1.13	42.3	17.6	0.5	106	0.5	0.14	0.3	8	43	28.4	2.19	3	0.02	0.06	22
1079723	413422	7074087	8N	0.3	0.92	18.3	3.2	1	57	0.4	0.08	0.2	5.3	19	19.3	1.54	3	0.09	0.04	14
1079724	413403	7074134	8N	0.3	1.43	56.1	5.6	0.5	97	0.5	0.14	0.6	20.8	69	33.1	3.09	4	0.03	0.12	33
1079728	413991	7073517	8N	0.4	1.31	93.6	5.8	2	183	0.8	0.23	3.1	9.1	22	31.3	2.23	4	0.03	0.09	17
1079729	413971	7073563	8N	0.5	1.44	68.9	9	1	211	0.7	0.15	1.8	7.2	23	34.5	2.28	4	0.03	0.08	21
1079730	413953	7073606	8N	0.5	1.32	127.1	7	0.5	161	0.7	0.16	1.9	11.4	23	33.1	2.37	4	0.03	0.07	21
1079731	413933	7073653	8N	0.4	1.17	37.2	3.8	0.5	98	0.5	0.12	1.1	5.1	23	20.1	2.41	5	0.07	0.05	15
1079732	413914	7073697	8N	1.2	1.28	104.6	6.4	0.5	166	0.8	0.15	4	7.4	22	42.5	2.42	4	0.05	0.09	18
1079733	413894	7073746	8N	1	1.3	45.9	6.3	1	126	0.5	0.2	1.9	4.8	23	37.8	1.94	4	0.05	0.07	18
1079734	413878	7073791	8N	0.8	1.59	116.9	6.4	2	196	0.7	0.28	3.7	9.8	27	49.8	2.73	5	0.03	0.13	24
1079735	413855	7073838	8N	0.3	1.56	74	3	1	122	0.7	0.15	1	15.4	24	36.3	2.92	5	0.02	0.09	32
1079736	413836	7073883	8N	0.5	1.55	157.6	2.5	1	92	1.1	0.12	2.3	10.6	34	46.4	3.35	5	0.04	0.1	37
1079737	413816	7073929	8N	0.4	1.11	100.1	32.2	2	109	0.7	0.59	2	10.3	25	31.5	2.72	4	0.04	0.08	27

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1079688	0.39	494	0.7	0.004	23.8	0.052	15	0.025	1	1.4	0.8	9	0.1	5.6	0.019	0.2	1.2	27	0.1	56
1079689	0.27	403	1.1	0.004	16.9	0.026	33	0.025	0.6	1.5	0.25	7	0.1	3.4	0.024	0.1	0.5	34	0.2	104
1079690	0.3	652	1	0.005	22.6	0.039	36	0.025	0.8	1.5	0.25	9	0.1	3.8	0.025	0.1	0.8	31	0.5	126
1079691	0.39	636	1.1	0.006	22.8	0.076	33.2	0.025	0.8	1.9	0.25	15	0.1	5.1	0.028	0.1	1.1	32	0.6	140
1079692	0.31	394	0.8	0.004	18.1	0.043	78.8	0.025	0.7	1.3	0.25	11	0.1	1.6	0.019	0.1	1.1	31	0.4	92
1079693	0.32	439	0.8	0.004	14.7	0.043	67.1	0.025	0.7	1.1	0.25	12	0.1	1.2	0.013	0.1	0.8	30	0.2	151
1079694	0.36	536	0.7	0.005	18.1	0.057	104.5	0.025	0.8	1.6	0.25	14	0.1	2.2	0.01	0.1	1.1	27	0.2	347
1079695	0.38	364	0.6	0.005	18.5	0.053	115.7	0.025	0.9	1.7	0.25	15	0.1	2.3	0.012	0.1	1.2	26	0.2	477
1079696	0.32	452	0.5	0.004	20.8	0.049	160.7	0.025	0.9	1.7	0.25	14	0.1	4.1	0.015	0.05	1	20	0.3	330
1079697	0.31	439	0.8	0.005	17.2	0.047	27.2	0.025	0.6	1.1	0.25	11	0.1	2.2	0.018	0.1	0.7	24	0.5	168
1079698	0.35	403	0.7	0.004	20.9	0.048	25.4	0.025	0.6	1.3	0.25	15	0.1	2.7	0.017	0.2	0.9	25	0.4	206
1079699	0.42	507	0.8	0.005	25.1	0.049	23.9	0.025	0.7	2	0.25	19	0.1	5.9	0.024	0.3	1.1	28	0.6	200
1079700	0.43	568	0.7	0.006	19.7	0.051	43	0.025	0.7	1.7	0.25	14	0.1	5.3	0.019	0.2	1	26	0.3	156
1079701	0.1	4666	3.5	0.009	68.8	0.048	5.8	0.14	1	5.1	0.9	7	0.1	10.6	0.002	1.2	5.8	22	1.6	1469
1079702	0.41	472	2.4	0.009	27.3	0.04	12	0.17	1	3.7	0.6	36	0.1	17	0.007	1.5	4.7	44	0.05	1045
1079704	0.4	364	0.7	0.009	23.7	0.052	26.7	0.07	0.5	1.4	0.25	28	0.1	2.2	0.022	0.4	1.2	32	0.3	338
1079705	0.4	632	0.7	0.008	22.8	0.066	53.4	0.09	0.5	1.4	0.25	27	0.1	1.8	0.013	0.5	1.9	31	0.2	552
1079706	0.39	464	0.7	0.008	26.7	0.062	8.5	0.06	0.6	2.1	0.25	36	0.1	8.2	0.036	0.4	1.1	35	1	568
1079707	0.52	513	0.7	0.01	26.7	0.054	8.9	0.025	0.6	2.4	0.25	48	0.1	9.5	0.033	0.8	1	36	0.4	640
1079708	0.4	562	0.8	0.012	29.7	0.041	17.7	0.025	0.7	2.4	0.25	30	0.1	6.4	0.019	0.2	1.1	33	0.3	151
1079709	0.39	364	1	0.011	22.1	0.043	14.6	0.07	0.7	2.2	0.25	35	0.1	8.9	0.029	0.3	1.6	31	0.2	119
1079710	0.54	566	0.6	0.016	29.4	0.046	12.5	0.06	0.6	3	0.25	61	0.1	8.1	0.047	0.5	1.1	38	0.2	117
1079711	0.47	384	0.7	0.006	22.8	0.052	29.1	0.06	0.5	2.1	0.25	20	0.1	4.1	0.02	0.4	1.5	33	0.2	253
1079712	0.63	445	0.5	0.02	32.3	0.047	9.9	0.025	0.9	3.6	0.25	39	0.1	11.4	0.046	0.6	1.2	36	0.2	101
1079713	0.97	465	0.6	0.012	49.1	0.076	12.6	0.12	0.5	3.7	0.25	62	0.1	13.1	0.054	1.1	2.3	41	0.1	189
1079714	0.62	371	0.8	0.011	38.1	0.062	14.8	0.09	0.7	2.8	0.25	30	0.1	9.4	0.037	0.6	1.8	40	0.2	129
1079715	0.47	310	0.8	0.008	28.3	0.061	13.6	0.1	0.6	1.8	0.25	27	0.1	6.2	0.022	0.5	1.6	33	0.3	103
1079716	0.54	342	0.9	0.009	33.1	0.061	14.3	0.09	0.6	2.4	0.25	40	0.1	9.1	0.028	0.7	2.3	38	0.2	84
1079717	0.48	325	0.9	0.008	28.3	0.054	14	0.08	0.6	1.9	0.25	28	0.1	5.3	0.027	0.4	1.6	38	0.2	96
1079718	0.43	342	0.9	0.008	26.5	0.067	62.6	0.09	0.8	1.5	0.25	22	0.1	7.1	0.018	0.2	1.6	29	0.2	97
1079719	0.4	227	1	0.006	15.1	0.055	41	0.1	0.8	1.4	0.25	16	0.1	9.8	0.014	0.2	2	26	0.2	75
1079720	0.73	481	0.8	0.006	38	0.068	29.2	0.06	0.7	1.6	0.25	42	0.1	20.4	0.012	0.1	3.1	24	0.1	106
1079721	0.34	228	0.9	0.006	18.9	0.05	11.3	0.07	0.6	1.5	0.25	19	0.1	3.8	0.026	0.2	1.4	37	0.5	62
1079722	0.34	199	1	0.01	32.1	0.055	9.4	0.07	0.6	1.4	0.25	35	0.1	3	0.026	0.3	1.5	33	0.4	58
1079723	0.15	130	1.3	0.008	13.5	0.084	11	0.15	0.4	0.5	0.25	13	0.1	0.5	0.014	0.1	1.2	26	0.2	33
1079724	0.66	557	1	0.006	41.3	0.081	26.1	0.06	0.7	2.1	0.25	13	0.1	7.8	0.04	0.2	1.7	44	0.4	115
1079728	0.41	346	0.6	0.007	22.6	0.06	21.3	0.025	0.5	1.9	0.7	32	0.1	3.3	0.029	0.3	0.9	31	0.4	284
1079729	0.46	254	0.6	0.006	23.1	0.058	31	0.025	0.6	2	0.25	18	0.1	3.8	0.025	0.4	1.1	34	0.4	230
1079730	0.43	419	0.7	0.005	25.6	0.062	35	0.025	0.7	1.7	0.25	15	0.1	3.3	0.023	0.3	1.1	32	0.3	288
1079731	0.28	251	0.8	0.005	15.9	0.035	139.3	0.025	0.6	1.7	0.25	10	0.1	2.6	0.023	0.2	0.5	41	0.3	192
1079732	0.37	474	0.7	0.005	19.7	0.053	91.9	0.06	0.6	2	0.25	16	0.1	3.1	0.023	0.4	0.9	35	0.3	462
1079733	0.42	206	0.6	0.006	19.6	0.056	81.6	0.025	0.7	2.1	0.25	16	0.1	4.2	0.029	0.3	1	30	0.3	384
1079734	0.51	623	0.7	0.01	27.3	0.062	34.3	0.025	0.6	3	0.6	29	0.1	6.5	0.038	0.6	1.2	36	0.3	502
1079735	0.51	424	0.7	0.007	32.7	0.052	21.1	0.025	0.6	1.8	0.25	21	0.1	7.5	0.022	0.6	1.2	32	0.3	168
1079736	0.49	507	1.2	0.006	28.3	0.105	23.6	0.06	0.9	1.3	0.5	16	0.1	3.5	0.012	0.4	1.7	29	0.2	371
1079737	0.38	591	0.5	0.01	28.9	0.052	18	0.05	0.6	2	0.25	41	0.1	7.9	0.023	0.4	1	23	0.8	228

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1079738	413796	7073976	8N	1.6	1.74	415.4	10.6	2	95	2.2	0.23	8.5	34.5	30	109.9	4.01	6	0.05	0.18	56
1079739	413777	7074022	8N	0.5	1.25	182.8	23.1	0.5	123	0.8	0.22	2	10.7	25	38.8	2.65	4	0.05	0.1	28
1079740	413757	7074069	8N	0.6	1.42	166.2	29.3	1	170	0.9	0.21	1.9	9.8	27	35.3	2.64	4	0.03	0.1	26
1079741	413737	7074115	8N	0.5	1.2	175.2	10.8	1	144	0.8	0.2	2.1	8.2	22	35.6	2.44	4	0.03	0.08	23
1079742	413719	7074159	8N	0.3	1.19	79.6	7.5	1	137	0.4	0.2	0.9	7.9	22	24.2	2.39	4	0.04	0.08	22
1079743	413698	7074205	8N	0.7	1.33	99.3	5	2	271	0.5	0.36	1.2	8.3	23	27.9	2.38	5	0.07	0.08	22
1079744	413679	7074251	8N	0.2	1.15	34.4	3.5	0.5	118	0.3	0.15	0.8	8.3	24	13.2	2.14	4	0.04	0.08	17
1079745	416186	7079941	8N	0.05	1.13	13.2	2.7	1	70	0.2	0.17	0.2	11.4	21	25.4	2.73	3	0.03	0.05	28
1079746	416152	7079980	8N	0.05	1.07	16.6	2.5	0.5	102	0.2	0.09	0.3	10.1	20	21.9	2.53	3	0.04	0.04	18
1079747	416126	7080023	8N	0.05	1.06	13.1	6.3	2	73	0.2	0.1	0.2	9.8	19	22.7	2.46	3	0.03	0.04	19
1079748	416096	7080063	8N	0.1	1.53	14.6	7.6	0.5	109	0.2	0.1	0.2	9.8	24	24.8	2.85	4	0.03	0.06	21
1079749	416096	7080115	8N	0.05	1.11	22.6	9.2	2	88	0.3	0.12	0.2	12.3	19	25.5	2.58	3	0.02	0.04	21
1079851	410533	7086386	8N	0.05	1.09	6.5	2.1	0.5	143	0.2	0.13	0.2	6.3	21	18.4	1.87	3	0.02	0.08	15
1079852	410510	7086338	8N	0.05	1.76	6.8	1.7	0.5	137	0.1	0.19	0.1	11.2	52	26.2	2.56	5	0.02	0.21	16
1079853	410479	7086298	8N	0.05	1.43	8.9	1.2	0.5	138	0.2	0.11	0.2	9.7	27	18.6	2.29	4	0.02	0.08	14
1079854	410454	7086254	8N	0.1	1.2	7.1	10.2	0.5	104	0.2	0.19	0.2	8	26	22.3	2.27	4	0.04	0.11	16
1079855	410428	7086210	8N	0.05	1.46	8.4	1.9	0.5	154	0.2	0.12	0.2	11.4	26	27.5	2.53	4	0.03	0.13	15
1079856	410402	7086167	8N	0.2	1.56	8.5	18.1	2	183	0.3	0.11	0.4	13.5	34	29.4	2.62	4	0.08	0.14	16
1079857	410381	7086122	8N	0.1	1.71	7	3.6	0.5	148	0.3	0.13	0.2	11.5	55	27.1	2.52	5	0.03	0.31	14
1079858	410353	7086079	8N	0.2	1.41	12	7.8	0.5	174	0.3	0.15	0.2	12.8	39	26.5	2.56	5	0.05	0.15	16
1079859	410329	7086036	8N	0.4	1.35	14.1	18.3	0.5	198	0.4	0.19	0.3	12.7	30	35	3.09	5	0.04	0.23	16
1079860	410303	7085993	8N	0.05	1.21	13	5.9	0.5	134	0.3	0.16	0.2	13	25	25.7	2.54	4	0.02	0.13	17
1079861	410279	7085949	8N	0.05	1.37	13	5.2	1	171	0.3	0.11	0.3	9.6	26	19.5	2.58	4	0.05	0.11	14
1079862	410250	7085905	8N	0.2	1.38	21	7.9	1	144	0.6	0.11	0.2	8.6	27	24	3.03	5	0.07	0.19	17
1079863	410226	7085859	8N	0.05	1.37	20	6.3	1	157	0.4	0.15	0.2	11.2	27	24.6	2.62	4	0.03	0.16	16
1079864	410201	7085815	8N	0.2	1.25	17.1	3.5	1	205	0.4	0.14	0.2	10.1	25	25.6	2.5	4	0.03	0.14	17
1079865	410173	7085769	8N	0.2	1.28	17.7	3.5	0.5	208	0.5	0.14	0.2	9.8	26	26.3	2.48	4	0.03	0.13	17
1079866	410147	7085725	8N	0.2	1.31	16.3	2.8	1	165	0.5	0.16	0.2	9	26	27.6	2.87	4	0.03	0.15	19
1079867	410120	7085681	8N	0.2	1.38	13.9	2.2	0.5	178	0.4	0.15	0.2	10.3	25	28.2	2.61	4	0.03	0.14	20
1079868	410095	7085637	8N	0.2	1.33	11.7	8.9	0.5	126	0.5	0.11	0.2	6.9	24	25.8	2.47	4	0.03	0.13	23
1079869	410068	7085592	8N	0.1	1.22	13	3.2	0.5	151	0.5	0.12	0.2	7.5	22	22.7	2.34	4	0.03	0.11	19
1079870	410042	7085549	8N	0.1	1.13	10.9	2.3	0.5	185	0.4	0.12	0.2	7.1	23	26	2.44	4	0.03	0.1	19
1079871	410019	7085504	8N	0.05	1.13	9.5	1.8	0.5	174	0.3	0.12	0.3	10.2	20	26.4	2.38	3	0.01	0.13	21
1079873	409993	7085459	8N	0.05	1.13	12.4	4.8	0.5	110	0.4	0.14	0.3	12	24	20.2	2.55	4	0.02	0.11	15
1079874	409968	7085413	8N	0.05	1.26	10.7	1.5	0.5	155	0.3	0.1	0.2	8.3	24	22.6	2.41	4	0.02	0.1	18
1079875	409959	7085364	8N	0.05	1.13	9.7	3	0.5	160	0.3	0.11	0.2	8	21	21.2	2.32	4	0.01	0.1	19
1079876	409933	7085321	8N	0.05	1.16	9.6	1.1	0.5	148	0.3	0.09	0.1	6.6	21	18.4	2.2	4	0.03	0.08	17
1079877	409925	7085271	8N	0.05	1.21	8.3	3.2	0.5	173	0.2	0.09	0.2	8.2	23	20.3	2.22	3	0.02	0.06	20
1079878	409911	7085222	8N	0.05	1.14	8.5	3.6	0.5	193	0.2	0.12	0.2	9.5	22	22.3	2.31	3	0.03	0.07	21
1079879	409896	7085173	8N	0.05	1.15	8.5	1.8	0.5	269	0.2	0.16	0.2	7.8	22	23.9	2.28	3	0.04	0.07	19
1079886	408560	7087347	8N	1.8	1.55	71.7	3.7	1	692	1.9	0.45	1.3	13.8	40	166.3	4.15	5	0.04	0.21	17
1079887	408510	7087335	8N	0.4	1.81	50.7	2.9	1	726	0.8	0.43	0.3	15	42	44	3.37	6	0.03	0.22	18
1079888	408460	7087347	8N	0.1	1.5	88.6	10.3	1	318	0.5	0.25	0.4	10.9	30	33.6	2.68	4	0.02	0.08	16
1079889	408410	7087341	8N	0.2	1.57	12.6	2.7	0.5	252	0.3	0.21	0.5	19.1	34	48.3	4.19	4	0.02	0.06	25
1079890	408360	7087342	8N	0.2	1.76	17.5	4.3	1	470	0.2	0.35	0.2	11.3	40	26.9	3.02	5	0.04	0.19	19
1079891	408312	7087331	8N	0.1	1.34	12.8	1.9	2	500	0.2	0.33	0.2	11.4	27	24.6	2.58	4	0.03	0.09	20

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1079738	0.61	783	0.9	0.01	60.6	0.083	31.6	0.025	0.8	2.4	0.25	66	0.1	14.7	0.021	0.8	3.1	24	0.2	587
1079739	0.44	604	0.6	0.009	27	0.062	21	0.025	0.6	2.1	0.25	28	0.1	9.7	0.032	0.4	1.5	30	0.8	261
1079740	0.47	512	0.7	0.008	26	0.059	30.2	0.025	0.6	2.3	0.25	26	0.1	7.5	0.029	0.4	1.3	33	0.6	276
1079741	0.41	427	0.6	0.007	22.3	0.053	19.1	0.025	0.6	1.9	0.25	22	0.1	6.2	0.028	0.3	1.1	31	0.5	305
1079742	0.38	387	0.6	0.006	20.8	0.052	18.9	0.025	0.6	2	0.25	19	0.1	5.1	0.027	0.2	1	34	0.4	169
1079743	0.36	433	0.8	0.007	19.9	0.072	22.4	0.06	0.5	1.9	0.25	30	0.1	2.7	0.017	0.3	1.1	35	0.4	186
1079744	0.3	428	0.9	0.006	19.4	0.051	45.1	0.025	0.6	1.8	0.25	15	0.1	3.8	0.028	0.1	0.7	35	0.2	116
1079745	0.4	342	1	0.005	29.9	0.066	16.4	0.025	0.8	1.4	0.25	14	0.1	5	0.034	0.05	1.2	33	0.3	72
1079746	0.39	353	0.9	0.004	23.8	0.045	19.3	0.025	0.9	1.5	0.25	9	0.1	4.3	0.018	0.05	1	32	0.3	65
1079747	0.37	306	0.9	0.004	23.3	0.055	17	0.025	0.8	1.3	0.25	10	0.1	3.5	0.025	0.05	1	34	0.2	69
1079748	0.42	327	1.1	0.005	24.7	0.063	18.6	0.025	0.7	1.7	0.25	9	0.1	2.9	0.022	0.1	1.3	39	0.2	69
1079749	0.36	376	1	0.004	30	0.073	20.5	0.025	1.1	1.5	0.25	12	0.1	4.1	0.026	0.05	1.4	34	0.2	75
1079851	0.35	295	0.7	0.005	17	0.044	8.4	0.025	0.9	2.3	0.25	12	0.1	3.6	0.036	0.1	0.9	33	0.8	49
1079852	0.72	290	0.8	0.007	39.2	0.056	7.1	0.025	0.8	3.5	0.25	15	0.1	4.8	0.112	0.3	0.8	51	1.2	66
1079853	0.4	306	0.8	0.005	22.4	0.042	8.4	0.025	0.7	2	0.25	11	0.1	3.8	0.049	0.2	0.6	37	0.7	50
1079854	0.46	235	0.9	0.006	21.5	0.062	7.8	0.025	0.8	2.2	0.25	14	0.1	3.7	0.057	0.1	0.9	40	0.8	56
1079855	0.45	332	0.9	0.006	25.8	0.038	9.8	0.025	0.7	2.6	0.25	13	0.1	3.9	0.059	0.2	0.8	43	0.5	65
1079856	0.47	377	1.1	0.007	29.7	0.044	12.8	0.06	0.8	2.7	0.25	11	0.1	4.2	0.062	0.2	0.9	47	0.8	64
1079857	0.73	275	0.8	0.008	39.7	0.047	11.2	0.025	0.6	3	0.25	15	0.1	4.1	0.105	0.4	0.7	49	0.6	64
1079858	0.51	393	0.8	0.006	32.6	0.042	9.9	0.025	0.8	2.6	0.25	14	0.1	4	0.067	0.3	0.9	47	1	64
1079859	0.47	452	1.1	0.007	26.6	0.057	15.5	0.025	1.4	2.3	0.25	22	0.1	3.8	0.057	0.3	1	44	1	74
1079860	0.43	374	0.9	0.006	27.7	0.058	11.1	0.025	1.3	2.2	0.25	14	0.1	4.6	0.054	0.2	0.8	40	1	61
1079861	0.4	275	1.1	0.005	20.8	0.028	11.4	0.025	0.8	2.1	0.25	10	0.1	4.2	0.046	0.2	0.6	42	0.5	51
1079862	0.4	331	1.1	0.006	22.5	0.05	14.1	0.025	1	1.9	0.25	14	0.1	4.3	0.06	0.2	0.7	47	0.9	66
1079863	0.46	334	0.9	0.006	25.3	0.053	11.8	0.025	0.8	2.2	0.25	13	0.1	4.8	0.048	0.2	0.8	41	0.6	63
1079864	0.42	294	0.9	0.006	23.3	0.048	12.6	0.025	0.8	2.1	0.25	13	0.1	3.7	0.041	0.2	0.9	41	0.4	67
1079865	0.44	267	0.9	0.006	23.3	0.049	11.7	0.025	0.8	2.2	0.25	14	0.1	2.9	0.035	0.2	1.4	41	0.4	62
1079866	0.47	246	1.1	0.006	25.4	0.058	13.7	0.025	1	2.2	0.25	16	0.1	4.5	0.04	0.2	1.2	41	0.4	64
1079867	0.49	297	0.9	0.006	25.6	0.054	15.6	0.025	1	2.1	0.25	16	0.1	4.2	0.036	0.2	1.2	37	0.2	69
1079868	0.48	160	0.9	0.005	21.7	0.042	19.8	0.025	1.3	1.7	0.25	15	0.1	5.2	0.026	0.2	1.2	32	0.2	59
1079869	0.42	230	0.9	0.005	21.3	0.046	15	0.025	1	1.7	0.25	14	0.1	3.3	0.031	0.2	1	33	0.2	60
1079870	0.43	243	0.9	0.005	21.6	0.044	21.8	0.025	1.3	1.6	0.25	16	0.1	1.9	0.023	0.2	1	35	0.2	64
1079871	0.47	311	0.8	0.005	24.6	0.039	14.5	0.025	1.3	2	0.25	15	0.1	6.4	0.039	0.2	1	29	0.2	66
1079873	0.42	492	1.1	0.005	22.4	0.059	13.4	0.025	1	1.8	0.25	13	0.1	4.1	0.039	0.1	0.8	37	0.3	73
1079874	0.43	254	0.9	0.005	21.5	0.04	12.7	0.025	0.9	2.1	0.25	11	0.1	4.6	0.036	0.2	0.9	36	0.2	63
1079875	0.4	254	0.9	0.005	20.3	0.04	11.7	0.025	1	1.8	0.25	11	0.1	3.9	0.033	0.1	0.8	33	0.2	63
1079876	0.38	213	0.9	0.005	18.1	0.037	13.7	0.025	1	1.4	0.25	11	0.1	2.4	0.027	0.1	0.7	32	0.2	56
1079877	0.42	224	0.8	0.005	20.2	0.038	11.5	0.025	0.9	1.9	0.25	10	0.1	3.6	0.028	0.1	0.9	32	0.2	57
1079878	0.44	304	0.8	0.005	22.9	0.041	11.5	0.025	1.2	2.3	0.25	11	0.1	5.2	0.032	0.1	0.9	32	0.2	58
1079879	0.42	271	0.8	0.006	22.6	0.047	10.2	0.025	0.9	2.3	0.25	14	0.1	4.2	0.034	0.1	0.8	33	0.2	60
1079886	0.81	432	3.4	0.016	60.8	0.128	122.6	0.12	28.7	3.2	2.2	46	0.1	5	0.046	0.7	2.5	62	0.2	142
1079887	0.88	562	1.5	0.01	26.9	0.1	30.9	0.025	8.2	4.4	0.25	41	0.1	4.5	0.069	0.6	1.4	62	0.2	68
1079888	0.65	353	1.1	0.007	27.7	0.073	20.9	0.025	3.9	2.9	0.25	22	0.1	5.4	0.044	0.2	1.1	44	0.3	77
1079889	0.8	451	2	0.008	46.7	0.097	20.6	0.025	4.3	2.2	0.7	30	0.1	5.1	0.025	0.05	1.1	34	0.05	102
1079890	0.78	460	1	0.009	25.4	0.097	20.6	0.025	4.1	4.7	0.25	37	0.1	4.1	0.064	0.3	1.5	58	0.3	80
1079891	0.63	448	0.9	0.008	25.6	0.083	16.2	0.025	3.9	3.3	0.25	30	0.1	4.7	0.048	0.2	1.3	42	0.3	67

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1079892	408261	7087322	8N	0.5	1.07	26.5	3.3	2	391	0.2	0.18	1.7	17	19	81.8	3.92	3	0.04	0.08	17
1079894	408212	7087313	8N	0.5	1.11	13.2	2.6	1	1266	0.1	0.28	1.3	18.5	21	34.7	2.89	3	0.04	0.06	20
1079895	408162	7087309	8N	1.3	2.56	51.2	5.1	2	777	1.1	0.72	1.1	14.3	48	93.2	3.38	8	0.02	0.37	20
1079896	408113	7087322	8N	0.6	1.83	14.3	2.4	1	277	0.3	0.29	1.6	20.4	32	53.7	4.25	5	0.02	0.16	28
1079898	410204	7084635	8N	0.3	1.22	19.9	3.9	2	238	0.4	0.32	0.3	18	34	42.6	4.13	4	0.04	0.16	16
1079899	410164	7084667	8N	0.3	1.43	19.1	6.9	0.5	264	0.3	0.34	0.4	20.6	72	35.1	3.97	5	0.05	0.17	18
1079900	410119	7084690	8N	0.4	1.34	18.3	5.2	2	233	0.3	0.25	0.4	17.8	34	33.7	4.05	5	0.05	0.15	14
1079901	411897	7089537	8N	0.2	1.62	61.3	16.2	1	247	1.9	0.36	0.6	10.4	26	32.9	2.52	5	0.06	0.06	24
1079902	411897	7089585	8N	0.1	1.59	312.5	27.8	1	190	4.9	0.35	0.4	8.9	23	42.8	2.41	5	0.05	0.05	20
1079903	411898	7089636	8N	0.2	1.73	118.9	61.3	0.5	271	5.2	0.47	0.6	9.7	25	42.1	2.5	5	0.05	0.06	27
1079904	411897	7089685	8N	0.05	2	60	9.3	0.5	270	1.5	0.29	0.3	9.3	28	31.5	2.57	6	0.05	0.05	27
1079905	411897	7089736	8N	0.05	1.77	65	7.3	0.5	108	1.3	0.11	0.05	7.3	27	21.1	2.66	5	0.05	0.05	16
1079907	411899	7089786	8N	0.1	1.51	32.3	30.7	0.5	102	1.5	0.17	0.1	5.9	23	17.4	2.19	5	0.05	0.04	13
1079908	411898	7089836	8N	0.2	1.66	91.6	18.3	1	211	7.3	0.7	0.3	10.8	27	50.9	3.29	5	0.05	0.04	17
1079909	411898	7089886	8N	0.4	1.73	41	23	4	218	4.4	1.57	1	7.5	27	41.2	2.03	5	0.06	0.06	23
1079910	411898	7089937	8N	0.3	1.71	50	11.3	2	267	2.9	1.56	0.7	7	23	22.2	2.03	6	0.06	0.05	15
1079911	411899	7089986	8N	0.6	1.77	22.2	11.7	0.5	172	4.2	0.42	0.3	10.9	22	95.1	2.32	5	0.04	0.05	20
1079912	411898	7090036	8N	0.3	1.72	21.1	9.7	3	191	2.5	0.73	2.2	10.3	29	49.2	2.36	6	0.05	0.08	27
1079913	411898	7090086	8N	0.2	2	63	8.5	0.5	243	1	0.6	1.8	8.3	27	27.4	2.42	7	0.03	0.11	47
1079914	410700	7088834	8N	0.2	1.04	232.1	18.8	1	172	1.6	0.25	0.4	8.3	21	38.6	2.06	3	0.02	0.06	19
1079915	410699	7088886	8N	2.8	1.97	967.1	218.1	3	353	15.6	0.55	0.7	10.4	27	138.7	3.03	6	0.07	0.07	25
1079916	410699	7088936	8N	2.4	1.73	228.5	187.2	4	243	34.6	1.52	0.8	8.8	24	157.7	2.12	5	0.06	0.05	16
1079917	410699	7088985	8N	0.4	1.84	196.7	48.7	3	249	7.1	0.97	0.4	11.4	30	48.2	2.52	6	0.04	0.06	17
1079918	410701	7089037	8N	0.2	1.73	181.6	21.2	3	263	6	1.02	0.3	9.4	26	36.2	2.41	6	0.09	0.05	15
1079919	410699	7089087	8N	0.2	1.77	114.2	5.1	3	214	1.9	0.86	0.3	10.2	32	36.3	2.78	6	0.05	0.09	19
1079920	410698	7089137	8N	0.2	1.61	80.7	4.7	2	198	0.7	0.23	0.2	8.7	23	22.6	2.15	5	0.05	0.05	16
1079921	410699	7089186	8N	0.3	1.6	363	10.3	1	135	6.9	0.35	0.5	8.5	19	49.4	2.62	5	0.05	0.05	23
1079922	410699	7089235	8N	0.1	1.25	178.2	10.7	3	175	2.7	0.86	0.4	9.3	22	22.3	2.21	4	0.05	0.05	15
1079924	409107	7081041	8N	0.05	1.31	11.3	3.9	0.5	111	0.2	0.11	0.05	9.6	20	22.5	2.28	3	0.04	0.04	16
1079925	409062	7081066	8N	0.05	1.11	10.4	2	0.5	155	0.2	0.09	0.05	7.6	19	24.6	2.41	3	0.03	0.03	26
1079926	409015	7081083	8N	0.05	1.17	9.4	2	0.5	170	0.2	0.08	0.05	6.8	20	21.9	2.29	4	0.03	0.03	23
1079927	408970	7081107	8N	0.05	1.31	7.8	2.2	0.5	115	0.2	0.1	0.05	5.4	22	16.2	2.16	4	0.04	0.04	19
1079928	408924	7081129	8N	0.1	1.13	9.2	10.2	0.5	132	0.1	0.14	0.2	7.9	18	20	1.9	3	0.04	0.04	17
1079929	408874	7081138	8N	0.05	1.1	10.4	0.7	0.5	122	0.2	0.11	0.1	8.5	19	22.3	2.11	3	0.04	0.04	18
1079930	408824	7081147	8N	0.05	1.12	8.4	5.6	0.5	139	0.2	0.1	0.05	6.1	19	20	1.96	3	0.04	0.04	20
1079931	408776	7081164	8N	0.05	1.21	10	2.4	0.5	97	0.2	0.09	0.05	5	20	14.5	2.01	4	0.04	0.04	16
1079932	408728	7081180	8N	0.05	1.35	10.9	2.8	0.5	134	0.2	0.09	0.05	6.1	23	15.2	2.44	5	0.03	0.04	17
1079933	408678	7081186	8N	0.05	1.18	8.6	0.8	0.5	96	0.2	0.1	0.05	7.3	19	20.6	1.97	3	0.05	0.04	18
1079934	408633	7081211	8N	0.05	1.15	8	1.5	0.5	92	0.2	0.08	0.05	4.3	18	15.8	1.94	3	0.03	0.03	22
1079935	408582	7081213	8N	0.05	1.11	9.2	4.1	0.5	162	0.2	0.09	0.05	7.9	18	23.9	2.09	3	0.04	0.04	20
1079936	408531	7081217	8N	0.05	1.2	8.9	2.2	0.5	116	0.2	0.09	0.05	6.9	21	20.6	2.31	4	0.04	0.03	20
1079937	408480	7081225	8N	0.05	1.1	8.1	2.9	1	91	0.2	0.07	0.05	5.8	19	20.2	2.12	4	0.03	0.03	20
1079938	408431	7081228	8N	0.05	1.26	10.7	1.9	0.5	160	0.2	0.1	0.1	9	22	20.7	2.51	4	0.03	0.04	19
1079939	408381	7081237	8N	0.05	1.08	9.6	1.6	1	149	0.2	0.1	0.1	8.6	20	22.1	2.17	4	0.03	0.03	20
1079940	408332	7081251	8N	0.05	1.44	9.1	2	0.5	102	0.2	0.09	0.1	5.7	20	15.3	2.04	4	0.04	0.04	18
1079941	408283	7081262	8N	0.05	1.36	9.1	1.9	1	179	0.2	0.1	0.05	7.2	20	20	2.45	4	0.03	0.04	23

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1079892	0.32	406	3.7	0.006	72.4	0.101	31.6	0.025	13.3	2.1	1.3	28	0.1	4.5	0.02	0.2	1.2	26	0.1	223
1079894	0.45	622	1.7	0.008	45.8	0.078	39.6	0.025	16	2.5	0.25	30	0.1	3.2	0.022	0.1	1	31	0.1	164
1079895	1.67	617	2.4	0.01	45.6	0.158	298.5	0.025	39.2	4.9	1	70	0.1	9.2	0.159	0.8	1.6	86	0.4	289
1079896	1.33	543	2.2	0.007	51.8	0.101	32.3	0.025	35	2.3	1.1	35	0.1	7.5	0.03	0.2	1.3	36	0.05	146
1079898	0.6	857	1.5	0.006	42	0.079	23.4	0.07	5.7	3	0.8	39	0.1	2.9	0.033	0.2	1.4	38	0.2	105
1079899	0.76	1018	1.4	0.006	48.3	0.108	22.3	0.025	3	4.3	0.9	50	0.1	4.1	0.045	0.2	1.2	59	0.2	93
1079900	0.61	1063	1.4	0.006	37	0.09	36.5	0.06	7.1	3	0.8	33	0.1	2.1	0.031	0.2	1.2	45	0.1	106
1079901	0.41	544	1.4	0.012	28.8	0.104	13.2	0.025	1.8	2.7	0.25	26	0.1	6.9	0.044	0.1	2.2	47	1.2	81
1079902	0.39	394	1	0.013	22.4	0.087	11.8	0.025	2.1	2.6	0.25	35	0.1	5	0.033	0.05	2.3	40	0.8	72
1079903	0.43	477	1.2	0.019	24.4	0.09	13.8	0.025	2.2	3.4	0.25	52	0.1	6.9	0.042	0.1	2.9	45	1.2	82
1079904	0.38	385	1.6	0.011	23.4	0.092	13	0.025	1.6	3.2	0.25	21	0.1	3.7	0.03	0.1	4	50	0.3	87
1079905	0.46	370	1.4	0.006	17.5	0.066	12.4	0.025	1.2	2.1	0.25	11	0.1	1.4	0.03	0.1	1.7	51	0.3	63
1079907	0.32	595	1	0.005	14.5	0.081	10.5	0.025	2.9	1.3	0.25	13	0.1	0.9	0.016	0.1	1.1	35	0.3	62
1079908	0.43	325	0.4	0.028	21.8	0.073	23	0.025	3.5	3.3	0.25	36	0.1	4.5	0.028	0.05	1.8	41	0.4	67
1079909	0.63	358	0.6	0.074	20	0.086	27.2	0.07	4.2	2.9	0.25	74	0.2	3.6	0.029	0.05	1	32	0.3	67
1079910	0.37	341	0.7	0.053	16	0.079	31.4	0.08	2.9	2	0.25	55	0.1	1.8	0.019	0.1	0.8	33	0.4	54
1079911	0.38	370	0.9	0.024	27.1	0.052	31.5	0.025	0.9	2.4	0.25	30	0.1	3.6	0.027	0.05	1	37	0.4	63
1079912	0.54	507	1	0.025	22.3	0.097	77.7	0.025	1.4	3.8	0.25	56	0.1	9.1	0.063	0.2	4	46	0.8	133
1079913	0.63	401	0.6	0.01	16.6	0.103	14.1	0.025	0.8	4.6	0.25	67	0.1	18.6	0.067	0.3	1.5	42	0.6	104
1079914	0.37	359	0.8	0.006	19.9	0.102	8.8	0.025	4.2	2.2	0.25	20	0.1	7.5	0.046	0.1	2.1	37	3.1	63
1079915	0.51	562	1.1	0.018	23.5	0.103	27.5	0.07	62.4	3.6	0.6	48	0.1	5.2	0.027	0.2	4.7	39	1.5	97
1079916	0.51	420	0.6	0.042	20.5	0.092	43.2	0.09	13.7	2.4	0.7	48	0.7	2.4	0.032	0.1	1.1	33	0.3	68
1079917	0.66	417	0.6	0.039	25.1	0.063	17.5	0.08	2.2	3.3	0.25	46	0.1	3.3	0.058	0.2	1.3	44	0.3	62
1079918	0.49	380	0.7	0.029	22.3	0.079	12.6	0.09	3.7	2.8	0.25	57	0.1	2.8	0.031	0.2	1	35	0.5	62
1079919	0.57	400	0.9	0.02	20.9	0.084	12.8	0.08	2.8	4.1	0.25	46	0.1	5.2	0.054	0.2	2.3	43	0.4	71
1079920	0.41	218	1	0.009	21.3	0.063	11.5	0.05	1.2	2.2	0.25	26	0.1	3.1	0.041	0.2	1.8	38	0.6	61
1079921	0.34	248	0.9	0.012	21.3	0.066	23.8	0.06	2.8	2	0.25	61	0.1	4.1	0.022	0.1	1.8	32	0.8	66
1079922	0.37	302	0.8	0.042	20.7	0.095	13.6	0.06	1.3	2.1	0.25	60	0.1	4.8	0.037	0.05	0.8	38	1.2	68
1079924	0.38	328	0.8	0.007	18.7	0.055	11.1	0.025	0.8	2.6	0.8	10	0.1	3.5	0.026	0.05	1	32	0.2	55
1079925	0.36	234	0.8	0.012	18.8	0.041	13.2	0.025	1.4	2.9	0.25	9	0.1	5.3	0.026	0.05	1.3	29	0.2	57
1079926	0.37	216	0.8	0.005	17.4	0.042	13.1	0.025	1	2	0.25	10	0.1	3.3	0.023	0.05	1.4	32	0.2	54
1079927	0.4	165	0.7	0.006	15	0.046	11.6	0.025	0.7	2	0.25	11	0.1	1.6	0.027	0.1	0.9	36	0.2	52
1079928	0.36	289	0.6	0.008	18.6	0.064	9.4	0.025	0.7	3.8	0.25	12	0.1	3.4	0.033	0.05	1	32	0.2	58
1079929	0.33	227	0.7	0.007	18.9	0.051	10.4	0.025	0.8	2.5	0.25	10	0.1	3.4	0.028	0.05	0.9	31	0.2	53
1079930	0.32	180	0.7	0.004	17.1	0.048	10.7	0.025	0.9	2.6	0.25	10	0.1	2.4	0.026	0.1	1	32	0.2	48
1079931	0.32	137	0.7	0.005	12.4	0.049	11.1	0.025	0.6	1.9	0.25	8	0.1	1.3	0.023	0.05	1	34	0.1	41
1079932	0.36	220	1	0.005	13	0.055	12.2	0.025	0.6	2.6	0.25	9	0.1	2.5	0.032	0.1	1	42	0.2	49
1079933	0.35	214	0.6	0.004	16	0.048	10.6	0.025	0.7	2.5	0.25	9	0.1	3.1	0.026	0.05	1.3	29	0.1	48
1079934	0.34	111	0.6	0.004	12.2	0.032	10.4	0.025	0.5	2.4	0.25	8	0.1	4.4	0.023	0.05	0.9	29	0.1	43
1079935	0.35	246	0.6	0.005	18.1	0.039	11.4	0.025	0.7	3.2	0.25	10	0.1	5.3	0.031	0.05	1.1	29	0.1	54
1079936	0.32	176	0.9	0.004	16.3	0.042	11	0.025	1.1	2	0.25	9	0.1	3	0.025	0.05	1.1	35	0.1	55
1079937	0.28	107	0.9	0.004	15.8	0.042	11.1	0.025	1	1.6	0.25	7	0.1	2.8	0.018	0.05	0.9	30	0.2	48
1079938	0.32	238	0.9	0.004	19.1	0.052	13	0.025	1.3	2.6	0.25	9	0.1	4	0.023	0.05	1.2	37	0.2	63
1079939	0.28	292	0.9	0.004	19.6	0.043	11.9	0.025	1.5	2.2	0.5	9	0.1	3.1	0.022	0.05	1.1	34	0.2	56
1079940	0.3	136	0.8	0.005	12.4	0.053	11.9	0.025	0.7	1.8	0.25	7	0.1	2.2	0.022	0.1	0.8	37	0.2	40
1079941	0.32	161	0.9	0.004	18.1	0.052	12.1	0.025	1.2	2.1	0.5	9	0.1	4.7	0.023	0.1	0.9	34	0.2	48

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1079942	408234	7081274	8N	0.05	1.67	10.4	2.2	1	150	0.2	0.1	0.1	10.7	24	30	2.77	4	0.04	0.05	24
1079943	408191	7081302	8N	0.05	1.24	8.3	2.1	1	197	0.2	0.07	0.1	10.9	21	30.5	2.42	4	0.03	0.06	24
1079944	408143	7081315	8N	0.05	1.64	13.2	2.3	0.5	108	0.2	0.07	0.05	7.5	25	19.4	2.98	5	0.04	0.04	19
1079945	408047	7081350	8N	0.05	1.24	22.4	2.1	1	173	0.2	0.07	0.05	8.3	25	31.1	2.88	4	0.02	0.04	27
1079947	408007	7081383	8N	0.05	1.59	13.2	2.9	0.5	147	0.2	0.12	0.05	6.8	25	15.7	2.57	5	0.05	0.04	16
1079948	407963	7081410	8N	0.05	1.34	13.8	1.1	0.5	109	0.2	0.08	0.1	7.9	23	12	2.47	5	0.03	0.05	15
1079949	408095	7081333	8N	0.05	1.72	11	2.1	2	139	0.2	0.11	0.2	7.7	27	15.9	2.68	5	0.04	0.04	13
1079950	407924	7081441	8N	0.05	1.07	11.2	3.6	0.5	90	0.3	0.05	0.05	3.7	23	11.7	2.03	6	0.05	0.05	13
1079951	412199	7089386	8N	0.2	1.86	103.8	7.1	3	245	3.2	0.75	0.4	9.4	23	33.3	2.15	6	0.05	0.06	25
1079952	412197	7089435	8N	0.3	2.26	110.5	10.2	3	230	3.5	0.6	0.4	9.9	27	36.2	2.42	7	0.06	0.06	25
1079953	412197	7089485	8N	0.1	1.33	161.4	6.2	1	181	2.2	0.35	0.3	7.9	21	31.6	2.29	4	0.04	0.05	28
1079954	412198	7089536	8N	0.2	1.39	191.5	11.3	2	191	4.3	0.37	0.5	11.1	25	49.4	2.61	5	0.04	0.06	34
1079955	412198	7089585	8N	0.2	1.47	334.4	32.8	2	144	11.6	0.18	0.4	11.4	22	106.2	2.57	5	0.05	0.06	27
1079956	412197	7089637	8N	0.4	2.12	786.8	35.2	6	248	26.9	1.61	1.9	19.5	27	80.4	3.3	5	0.13	0.07	38
1079957	412198	7089687	8N	0.7	1.66	408.1	32.3	3	163	7.7	0.6	0.3	7.2	23	54.9	2.32	5	0.24	0.04	22
1079958	412200	7089736	8N	1.6	1.49	43.9	489.6	1	342	178.5	0.47	0.3	3.8	26	233.5	5.58	6	0.02	0.08	40
1079960	412197	7089787	8N	0.1	0.8	32.2	3	4	248	0.8	0.28	0.3	7.9	13	20	2.23	2	0.03	0.06	40
1079961	412198	7089838	8N	0.2	1.65	12.5	10.2	2	181	2.6	0.47	0.6	8.3	26	41.1	2.04	5	0.05	0.03	17
1079962	412198	7089888	8N	0.3	1.89	17.8	8	3	248	2	0.43	0.3	8.6	26	30.6	2.4	5	0.03	0.05	20
1079963	412198	7089936	8N	0.3	2.04	14.5	26.6	3	239	2.5	0.8	0.4	8	29	37.7	2.14	6	0.04	0.06	20
1079964	412199	7089986	8N	0.3	2.14	28.2	12.3	5	225	3.8	1.54	0.9	6.4	22	38.7	1.94	6	0.04	0.08	22
1079965	410298	7088837	8N	0.7	1.82	150.4	19.2	2	242	1.6	0.98	0.5	8	27	40.9	2.1	5	0.04	0.04	18
1079966	410305	7088887	8N	0.4	1.58	164	18.9	2	219	1.8	0.83	0.5	7.9	24	35.7	2	5	0.03	0.05	17
1079967	410303	7088938	8N	0.5	1.83	635.7	18	5	287	4	1.18	0.5	7.7	38	75.2	1.94	5	0.03	0.08	22
1079968	410300	7088987	8N	0.2	1.56	375	6.8	1	253	1.2	0.44	0.3	7.4	22	22.8	2.15	5	0.04	0.04	17
1079969	410299	7089038	8N	0.1	1.73	375.2	14.3	2	231	2.5	0.49	0.4	7.4	25	25.6	2.1	6	0.04	0.05	16
1079970	410300	7089088	8N	0.1	1.67	432.7	5.9	1	206	1.9	0.42	0.3	7.6	22	26.9	2.36	6	0.02	0.04	20
1079971	410300	7089137	8N	0.1	1.69	114	2.1	1	303	0.9	0.51	0.2	8.7	26	20.5	2.22	6	0.03	0.05	18
1079972	410298	7089187	8N	0.05	1.34	91.9	2.3	2	229	0.7	0.54	0.2	8.3	26	20.1	2.2	5	0.02	0.06	16
1079973	410299	7089237	8N	0.2	1.86	590.2	10.2	0.5	158	3.2	0.13	0.5	12.4	23	22.2	2.65	4	0.06	0.06	16
1079974	410298	7089288	8N	0.2	1.3	239.3	11.7	0.5	163	1.9	0.38	0.2	5.9	17	16.8	1.87	4	0.01	0.04	19
1079975	410299	7089336	8N	0.05	1.3	37.4	1.2	1	147	0.5	0.31	0.05	5.7	22	11.5	1.56	4	0.02	0.04	14
1079976	410298	7089386	8N	0.4	2.13	124.5	3.8	2	141	1.8	1.14	0.7	7.6	26	17.4	2.23	6	0.03	0.06	20
1079977	410299	7089437	8N	0.3	2.27	140.2	5.9	2	210	1.6	1.03	0.4	10	32	24.9	2.36	7	0.05	0.06	26
1079978	413720	7071605	8N	4.3	1.12	361.4	19.5	1	143	0.2	0.1	1.5	8.7	18	20.4	2.74	3	0.04	0.07	29
1079979	413739	7071561	8N	4	1.29	108	12.2	1	249	0.4	0.15	0.9	15.4	19	67.5	3.25	3	0.03	0.08	41
1079980	413927	7071099	8N	1.2	1.64	73.7	5.9	0.5	131	0.4	0.12	0.4	30.6	19	46.3	3.48	3	0.005	0.07	49
1079981	413908	7071144	8N	2.4	1.28	34	4	0.5	149	0.4	0.16	0.4	23.5	20	41	2.92	3	0.04	0.05	41
1079982	413889	7071190	8N	0.3	1.39	24.5	4.7	0.5	100	0.3	0.11	0.2	14.4	22	39.2	2.98	4	0.03	0.05	37
1079983	413870	7071234	8N	0.1	1.39	15.8	6.8	0.5	87	0.2	0.12	0.2	12.6	23	28.4	2.86	4	0.03	0.04	34
1079984	413852	7071285	8N	0.8	1.41	30.5	2.7	0.5	138	0.3	0.17	0.1	13.2	22	31.2	2.91	4	0.03	0.06	32
1079985	413833	7071329	8N	0.2	1.28	21.1	6.1	0.5	105	0.5	0.15	0.2	13	21	39.9	3.22	4	0.03	0.06	38
1079986	413812	7071378	8N	0.4	1.21	38.8	7.6	0.5	92	0.2	0.12	0.2	11	22	26.2	2.63	4	0.04	0.05	28
1079987	413794	7071423	8N	0.2	1.42	16.6	1.4	0.5	104	0.3	0.16	0.1	17.6	22	35.9	2.82	4	0.02	0.05	41
1079988	413777	7071466	8N	0.5	1.55	22.7	14.8	0.5	116	0.3	0.14	0.2	16.8	21	36.6	3.11	4	0.01	0.06	49
1079989	413757	7071515	8N	1.8	1.08	141.2	9.1	0.5	106	0.3	0.15	0.3	11.7	17	36.1	2.73	3	0.05	0.06	38

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1079942	0.43	335	0.8	0.005	22.2	0.052	12.5	0.025	1.4	2.8	0.6	10	0.1	5.5	0.026	0.05	1.4	37	0.2	61
1079943	0.38	240	0.7	0.003	24.3	0.032	14.1	0.025	2.1	2.4	0.25	8	0.1	6.1	0.026	0.05	0.8	31	0.2	67
1079944	0.38	176	0.9	0.004	17.3	0.035	12.4	0.025	0.9	1.8	0.25	8	0.1	4.2	0.025	0.05	0.7	37	0.2	47
1079945	0.37	241	0.9	0.003	24.7	0.036	16	0.025	3.1	2.2	0.25	8	0.1	5.7	0.031	0.05	1.2	34	0.1	63
1079947	0.35	172	1	0.007	14.3	0.054	14.6	0.025	1.1	3.1	0.25	11	0.1	2.8	0.029	0.1	1	44	0.2	45
1079948	0.32	278	0.7	0.004	13.8	0.041	14.5	0.025	1.1	2.1	0.25	8	0.1	2	0.026	0.1	1	38	0.3	48
1079949	0.33	200	0.8	0.005	16.6	0.05	9.7	0.025	0.6	1.8	0.5	10	0.1	1.7	0.024	0.05	0.8	43	0.2	45
1079950	0.19	123	1.4	0.004	11.2	0.072	16.1	0.025	1.4	0.7	0.25	6	0.1	0.3	0.02	0.1	0.9	47	0.1	37
1079951	0.4	440	0.7	0.043	22.1	0.106	14.6	0.025	1.8	2.4	0.7	55	0.1	4.7	0.044	0.1	3	38	0.8	68
1079952	0.44	514	1.3	0.029	22.6	0.128	19.2	0.025	1.6	2.6	0.5	43	0.1	4.2	0.041	0.2	4.4	43	0.6	82
1079953	0.36	421	1	0.01	18.1	0.099	12.1	0.025	2	2.4	0.25	34	0.1	9.2	0.037	0.05	3.1	38	0.6	67
1079954	0.46	454	1.1	0.009	20	0.109	16.9	0.025	2.2	2.7	0.25	36	0.1	7.8	0.052	0.2	6.1	44	1.3	71
1079955	0.42	366	1	0.007	23.2	0.078	18.3	0.025	3	2.4	0.6	18	0.1	9.6	0.037	0.2	5	39	0.9	67
1079956	0.24	1195	0.4	0.033	27.1	0.115	31.4	0.025	15	5.6	0.25	88	0.1	12.4	0.01	0.05	1.9	33	0.05	209
1079957	0.28	331	0.9	0.021	16.6	0.079	24	0.025	80.8	3.1	0.5	39	0.1	6.2	0.014	0.05	2.2	30	1	119
1079958	0.09	150	0.7	0.139	7.6	0.089	21.3	0.47	6.7	4.5	7.6	84	2.2	11.3	0.008	0.2	4.9	30	0.2	59
1079960	0.23	461	0.9	0.012	13	0.08	25.4	0.025	4.5	3.7	0.25	50	0.1	15.1	0.012	0.1	3.7	21	0.4	52
1079961	0.45	282	0.6	0.023	24.3	0.074	19.6	0.05	1	2.7	0.25	43	0.1	4.5	0.034	0.05	1.2	43	0.7	58
1079962	0.52	349	0.8	0.015	22.4	0.053	24.1	0.025	1.7	2.9	0.25	36	0.1	4.4	0.027	0.2	1	39	0.4	69
1079963	0.59	282	0.4	0.043	20.2	0.088	23.3	0.025	1.4	3.1	0.25	58	0.1	5.1	0.042	0.1	1.1	36	0.4	74
1079964	1.04	296	0.5	0.075	17.1	0.103	33.8	0.06	2	2.8	0.25	98	0.1	4.9	0.025	0.1	1.4	26	0.5	77
1079965	0.5	312	0.5	0.056	22.2	0.099	21.8	0.025	11.1	2.8	0.25	70	0.1	4.8	0.033	0.1	1.1	35	1.1	67
1079966	0.42	348	0.5	0.031	19.5	0.088	19.3	0.025	9.4	2.9	0.25	52	0.1	4	0.031	0.1	1.1	34	0.8	66
1079967	0.37	351	2.1	0.101	30.8	0.1	34.8	0.07	9.3	1.9	0.8	71	0.1	3.5	0.03	0.2	3.2	30	0.9	73
1079968	0.35	320	0.9	0.016	16.6	0.066	20.8	0.025	3.6	1.6	0.25	30	0.1	2.2	0.021	0.1	1.4	36	0.5	56
1079969	0.41	328	0.9	0.02	18.9	0.076	19.1	0.025	4.1	1.6	0.5	40	0.1	1.6	0.024	0.2	1.6	35	0.4	66
1079970	0.38	307	0.7	0.015	17	0.064	19.3	0.025	7.5	1.7	0.25	27	0.1	2	0.018	0.2	1.9	37	0.5	58
1079971	0.45	335	0.8	0.016	20.1	0.072	17.9	0.025	2.1	2	0.6	31	0.1	2	0.026	0.2	1.6	40	0.4	59
1079972	0.5	286	0.9	0.009	17.4	0.066	16.5	0.025	2.2	2	0.8	28	0.1	2.4	0.037	0.2	1.4	41	0.4	60
1079973	0.4	351	1.2	0.009	24.9	0.034	22.7	0.025	2.9	2.7	0.25	15	0.1	6.4	0.025	0.1	1.1	35	0.3	71
1079974	0.3	249	0.7	0.015	14.5	0.066	16.4	0.025	2.7	1.7	0.25	32	0.1	4.6	0.014	0.1	1	27	0.4	51
1079975	0.38	148	0.5	0.006	12.8	0.064	14.1	0.025	1.4	1.8	0.5	19	0.1	2.6	0.025	0.1	0.9	33	0.2	47
1079976	0.63	292	0.6	0.04	23.7	0.041	27.6	0.025	9.1	2.8	0.25	102	0.1	5.1	0.036	0.1	0.7	33	0.3	80
1079977	0.56	279	0.5	0.058	24.3	0.069	20.1	0.05	2.8	3	0.25	69	0.1	4.8	0.037	0.2	2	40	0.3	65
1079978	0.23	3199	0.9	0.007	23.2	0.046	81.5	0.025	6.8	1.7	0.9	11	0.1	5.9	0.01	0.2	1.8	27	0.3	227
1079979	0.36	2104	0.8	0.004	37.2	0.057	72.2	0.025	2.7	2.2	0.8	15	0.1	10.9	0.013	0.2	2.3	23	0.2	178
1079980	0.6	1511	0.6	0.008	53.5	0.054	46.2	0.025	3.3	1.9	1	11	0.1	16.3	0.006	0.2	2.3	19	0.05	116
1079981	0.5	1095	0.8	0.004	45.8	0.069	52.5	0.025	2.8	1.7	0.5	14	0.1	11.1	0.019	0.1	2.1	25	0.2	95
1079982	0.53	476	0.7	0.005	32.1	0.059	24.5	0.025	1.8	1.6	1.2	11	0.1	7.5	0.02	0.05	2.1	28	0.3	78
1079983	0.44	602	0.8	0.004	26.1	0.06	23.7	0.025	1.6	1.5	0.9	9	0.1	6.9	0.023	0.05	1.2	34	0.2	72
1079984	0.43	591	0.9	0.004	28.1	0.062	33.3	0.025	2.4	1.3	0.8	15	0.1	3.9	0.01	0.1	1.6	29	0.2	78
1079985	0.47	406	1.3	0.005	25.3	0.065	43.7	0.025	2.6	1.7	0.7	15	0.1	10.8	0.023	0.1	2.7	28	0.2	75
1079986	0.36	511	0.9	0.004	20.8	0.06	23.5	0.025	1.8	1.4	0.7	10	0.1	5.9	0.022	0.1	1.3	37	0.5	68
1079987	0.54	632	0.6	0.004	32.9	0.057	22.1	0.025	1	1.5	0.7	12	0.1	9.9	0.015	0.1	1.5	27	0.2	72
1079988	0.59	1070	0.5	0.003	34.1	0.056	23.4	0.025	1.2	1.8	0.5	11	0.1	13.8	0.013	0.1	1.7	21	0.2	79
1079989	0.33	1176	0.6	0.004	29.9	0.049	39.9	0.025	3.3	2.1	1	12	0.1	12.2	0.012	0.1	1.8	23	0.3	102

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1079990	413520	7072066	8N	0.2	1.45	22.6	3.8	1	83	0.3	0.09	0.1	7.8	23	22.1	2.46	4	0.02	0.06	30
1079991	413502	7072112	8N	0.3	1.26	17.4	16.5	0.5	72	0.2	0.12	0.2	6	22	22.2	2.31	4	0.05	0.05	31
1079992	413480	7072159	8N	0.2	1.22	18.8	22.6	0.5	59	0.2	0.1	0.05	5	22	18.8	2.27	4	0.03	0.04	26
1079993	413462	7072206	8N	0.5	1.38	68.9	4.4	0.5	94	0.4	0.12	0.3	10.3	21	30.4	2.69	3	0.05	0.06	36
1079994	413444	7072251	8N	0.3	1.21	32.4	8.3	0.5	96	0.3	0.11	0.3	9.1	21	27.3	2.42	4	0.03	0.05	25
1079995	413424	7072295	8N	0.3	1.18	36.3	5.7	0.5	95	0.3	0.15	0.4	10.8	20	26.9	2.5	3	0.03	0.05	32
1079996	413402	7072341	8N	0.2	1.14	26.8	23	0.5	95	0.3	0.17	0.3	8.1	21	20.7	2.33	3	0.02	0.05	26
1079997	413384	7072387	8N	0.2	1.25	24.9	4	0.5	98	0.3	0.13	0.3	10.1	22	23.4	2.38	3	0.04	0.06	30
1079998	413363	7072433	8N	0.8	1.84	119.3	24.4	0.5	69	0.6	0.26	0.3	24.1	26	55.9	3.17	4	0.01	0.07	54
1080000	414133	7073957	8N	0.4	1.01	145.3	11.9	0.5	158	0.9	0.18	1	9.8	30	35.4	2.05	3	0.02	0.08	14
1087351	409695	7089784	8N	0.05	1.43	24.3	13.4	0.5	173	0.4	0.37	0.3	11	24	22.3	2.18	4	0.01	0.07	17
1087352	409696	7089839	8N	0.3	1.6	19.2	5.2	0.5	231	0.3	0.45	0.3	8.5	30	30.6	2.12	5	0.04	0.07	16
1087353	409691	7089882	8N	0.9	2.36	33.4	10.9	1	172	0.7	0.73	1.7	14.1	32	148.5	2.92	7	0.02	0.13	16
1087354	409693	7089941	8N	0.1	3.43	10.1	2	0.5	267	0.3	1.02	0.05	11.2	48	21.8	2.68	10	0.02	0.22	19
1087355	409694	7089988	8N	0.05	3.6	9.7	1.5	3	318	0.2	2.72	0.2	10.6	48	15.4	2.61	10	0.02	0.28	17
1087356	409695	7090038	8N	0.05	2.37	131.3	6	2	370	1.9	0.32	0.2	10.3	36	39.8	2.79	7	0.02	0.1	21
1087357	409696	7090086	8N	0.05	1.12	83.3	10	0.5	225	1	0.23	0.2	8	22	26.8	1.92	4	0.01	0.08	19
1087358	409695	7090138	8N	0.05	1.31	70	5.6	0.5	271	0.8	0.22	0.3	9.9	26	29.1	2.3	4	0.01	0.06	21
1087359	409697	7090182	8N	0.05	1.7	69.9	3.3	0.5	353	0.8	0.26	0.2	8.9	27	32.2	2.19	5	0.02	0.17	20
1087360	409701	7090232	8N	0.05	1.02	33.4	18.5	0.5	162	0.5	0.17	0.2	8.1	19	23.7	1.9	3	0.02	0.04	16
1087361	409696	7090288	8N	0.1	1.11	47.5	6.7	2	138	0.8	0.15	0.1	5.5	21	20.2	1.71	4	0.03	0.06	16
1095301	410100	7087987	8N	0.2	1.48	259.9	9.4	2	191	0.8	0.45	0.2	9.2	22	27.2	1.98	5	0.04	0.04	18
1095302	410098	7088038	8N	0.2	1.47	477.7	20.1	2	156	2	0.38	0.3	7.9	26	41.5	2.29	5	0.03	0.06	17
1095303	409998	7088087	8N	0.3	1.83	137.3	4.4	3	292	1.4	1.14	0.6	9.1	29	50	2.24	5	0.04	0.06	15
1095304	409998	7088134	8N	0.5	2.59	28.6	8.8	3	271	1.3	1.59	0.4	9.9	41	104.2	2.49	8	0.04	0.14	16
1095305	409997	7088185	8N	0.5	1.74	30.5	8.1	4	205	3.5	2.06	0.4	7.6	26	122.1	1.8	5	0.06	0.06	15
1095306	409999	7088234	8N	0.3	1.54	31.5	9.7	4	268	1.8	1.8	0.4	8.3	22	45.6	1.93	4	0.07	0.04	17
1095307	409998	7088285	8N	0.2	1.63	51.2	6.8	6	647	0.4	2.19	0.7	7	24	20.5	1.95	5	0.08	0.05	17
1095308	409998	7088335	8N	0.3	1.52	27.5	2.2	5	284	0.4	1.7	0.6	7.5	22	24.8	1.95	4	0.06	0.05	16
1095309	409998	7088385	8N	0.2	1.64	19	1.4	5	229	0.3	1.24	0.7	7.1	21	17.2	1.89	5	0.05	0.05	14
1095310	409998	7088435	8N	0.2	1.94	13.9	3.2	3	208	0.3	0.84	0.6	8.2	24	15.4	2.17	5	0.05	0.05	14
1095311	409998	7088486	8N	1.8	1.38	92.8	9.2	5	150	3.4	1.23	2.6	7.1	18	45.8	2.08	4	0.07	0.04	15
1095312	409999	7088537	8N	1.6	1.82	242.1	24.8	3	160	9.1	0.43	1.2	11.4	27	126.1	2.54	5	0.07	0.06	16
1095313	409999	7088585	8N	2.2	2.14	154.3	48.2	2	372	11.5	0.58	0.5	8.7	28	120	2.31	7	0.06	0.1	14
1095314	409999	7088636	8N	0.4	1.33	29.1	46.2	3	257	1.4	0.32	0.6	7	28	33.3	2.11	4	0.03	0.08	20
1095315	409998	7088686	8N	0.2	1.61	11.3	7.3	0.5	242	1.2	0.43	0.3	7.4	23	41.2	1.76	5	0.04	0.06	18
1095316	409998	7088736	8N	0.2	1.36	39.8	6.6	4	269	0.7	0.79	0.5	8.4	28	32.5	2.21	4	0.05	0.08	19
1095317	409998	7088786	8N	0.1	1.5	21.5	3.9	3	140	0.4	0.72	0.4	8.7	22	14.8	1.96	5	0.03	0.04	15
1095318	410100	7088786	8N	0.2	1.55	29.3	3.8	5	246	0.5	0.77	0.4	12.6	24	23.6	2.75	4	0.05	0.05	18
1095319	410099	7088740	8N	0.2	1.84	27.1	15.5	3	268	3	0.62	0.3	9.8	28	48.2	2.3	5	0.03	0.06	17
1095320	410098	7088687	8N	1.6	1.35	44.7	30.3	3	202	3.6	0.65	0.9	10.4	33	59.7	1.81	5	0.1	0.06	14
1095321	410099	7088638	8N	0.9	1.61	147.7	22.1	3	214	5	0.88	0.8	7.9	27	63	2.23	5	0.04	0.06	24
1095322	410098	7088589	8N	1.3	1.49	271.3	22.1	3	189	5.2	1.09	0.9	7.9	24	62.2	2.31	5	0.05	0.06	18
1095323	411799	7088936	8N	0.4	2.24	284.3	8.2	2	249	4.1	0.66	0.4	10.1	29	52.4	2.5	7	0.05	0.06	21
1095324	411798	7088986	8N	0.3	3.21	142.2	9.5	3	262	2.7	0.7	0.5	12	37	43.8	2.82	10	0.07	0.11	17
1095325	411798	7089036	8N	0.1	3.08	121.1	5	3	198	2	0.39	0.4	12.4	37	30.9	2.76	9	0.04	0.09	16

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1079990	0.45	316	0.6	0.008	19.2	0.048	16.9	0.025	0.7	2	0.7	10	0.1	4.4	0.026	0.1	1.2	35	0.1	64
1079991	0.36	235	0.7	0.005	17.1	0.059	16	0.025	0.7	1.7	1.1	10	0.1	3.7	0.026	0.2	1.3	35	0.5	60
1079992	0.34	196	0.5	0.008	14.2	0.054	17.8	0.025	0.7	1.3	0.7	10	0.1	2.4	0.023	0.1	1.1	36	0.5	55
1079993	0.41	460	0.7	0.004	25.5	0.062	37.6	0.025	1.6	2.1	1.1	10	0.1	10.9	0.023	0.2	1.7	30	0.3	88
1079994	0.38	424	0.8	0.005	19.4	0.062	19.5	0.025	0.9	1.5	0.8	10	0.1	3.4	0.025	0.1	1.1	34	0.3	71
1079995	0.39	464	0.9	0.005	28.1	0.063	20.6	0.025	0.9	1.8	1.2	12	0.1	5.8	0.028	0.1	1.5	32	0.3	78
1079996	0.37	407	0.6	0.005	20.5	0.043	19.7	0.025	0.7	1.4	0.9	13	0.1	4	0.026	0.1	1	33	0.3	68
1079997	0.41	471	0.6	0.005	23.6	0.057	18.9	0.025	0.7	2.4	0.8	11	0.1	8	0.036	0.1	1.5	32	0.3	76
1079998	0.89	950	0.3	0.003	40.1	0.045	64.6	0.025	0.9	1.4	0.8	21	0.1	20.7	0.002	0.1	1.1	13	0.05	103
1080000	0.46	572	0.7	0.005	20.4	0.056	48.6	0.025	0.8	1.8	0.25	18	0.1	5.9	0.02	0.3	1	27	0.6	167
1087351	0.59	361	0.6	0.013	24	0.07	20.4	0.025	2	2.6	0.25	54	0.1	7.2	0.035	0.1	0.8	32	0.2	84
1087352	0.64	338	1.2	0.012	24.1	0.086	10.6	0.025	1.9	2.7	0.25	36	0.1	3.7	0.045	0.2	1.4	45	0.2	83
1087353	0.74	252	5.2	0.02	45.8	0.132	21.8	0.025	6.6	3	1.8	110	0.1	5.1	0.048	0.3	2.8	64	0.3	277
1087354	1.27	332	0.6	0.176	24.9	0.069	15.6	0.025	1.1	5.1	0.25	116	0.1	7.3	0.096	0.3	1	55	0.1	65
1087355	1.17	377	0.4	0.235	23.1	0.08	13.5	0.025	0.9	5.5	0.25	142	0.1	7.1	0.12	0.2	0.6	51	0.2	61
1087356	0.69	329	0.6	0.01	26.2	0.057	12.4	0.025	6.8	4.4	0.25	37	0.1	6.5	0.064	0.3	1.4	52	0.4	61
1087357	0.41	263	0.6	0.007	18.1	0.061	8.6	0.025	7.3	2.4	0.25	25	0.1	7.2	0.055	0.2	1.5	33	0.8	49
1087358	0.44	358	0.6	0.006	21.9	0.069	11.2	0.025	5.8	3.5	0.6	22	0.1	7.1	0.047	0.1	1.7	40	0.4	67
1087359	0.66	350	0.5	0.006	22.5	0.074	10.7	0.025	6.9	3.3	0.25	43	0.1	7	0.062	0.2	1.3	34	0.5	57
1087360	0.34	298	0.6	0.005	18.5	0.06	9	0.025	3	2	0.25	17	0.1	4.4	0.033	0.1	1.2	31	0.4	59
1087361	0.32	200	0.7	0.005	13.4	0.058	8.6	0.025	4.8	1.5	0.25	14	0.1	1.8	0.03	0.2	1.2	34	0.6	44
1095301	0.4	838	1.4	0.008	14.4	0.084	10.5	0.07	1.9	1.7	0.25	32	0.1	1.6	0.024	0.2	6.2	36	0.5	56
1095302	0.48	474	1.7	0.012	15.6	0.063	10	0.025	3.4	2.3	0.25	30	0.1	2.3	0.039	0.2	5	44	0.5	66
1095303	0.73	450	1.2	0.048	23.5	0.073	13.9	0.07	2.6	2.6	1.1	70	0.1	2.8	0.047	0.1	4.6	46	1	68
1095304	1.51	267	0.9	0.061	24.6	0.086	11	0.06	2.7	4.2	0.9	104	0.1	4.7	0.104	0.2	5.6	84	0.3	91
1095305	0.78	254	0.5	0.068	17.3	0.066	11.6	0.07	2.7	2.3	0.6	102	0.1	2.3	0.044	0.1	1.9	39	2.1	55
1095306	0.62	324	0.4	0.049	19.1	0.064	14.4	0.07	4.7	2.2	0.25	76	0.1	2	0.023	0.1	0.8	28	2.1	54
1095307	0.66	283	0.4	0.051	18.2	0.062	15.4	0.09	5.6	2.5	0.25	89	0.1	2.2	0.026	0.1	0.6	30	0.4	61
1095308	0.75	366	0.5	0.038	18.4	0.072	22.5	0.08	3.7	2.1	0.25	90	0.1	2.5	0.015	0.05	0.7	30	0.3	67
1095309	0.59	477	0.6	0.047	16.1	0.078	19	0.08	2	1.7	0.25	79	0.1	2.1	0.02	0.05	0.8	28	0.2	66
1095310	0.41	358	1	0.029	18.9	0.053	31.7	0.025	0.9	2.3	0.25	50	0.1	3.2	0.022	0.05	0.8	38	0.2	61
1095311	0.4	471	0.7	0.032	18	0.077	92.1	0.06	2.3	2	0.25	62	0.1	2.9	0.022	0.1	1	27	0.6	144
1095312	0.59	342	1.3	0.026	24	0.086	28.7	0.06	4.3	2.6	0.8	35	0.1	3.2	0.037	0.2	1.8	42	0.8	87
1095313	0.89	165	2.7	0.027	25.7	0.135	32.1	0.13	4.3	2.5	1.4	45	0.1	3.9	0.054	0.2	2.6	62	0.9	76
1095314	0.5	261	0.9	0.009	20.5	0.076	16.1	0.025	12.2	3.3	0.25	25	0.1	6.1	0.05	0.2	1.2	45	0.3	72
1095315	0.45	157	0.5	0.022	22.2	0.071	12.6	0.025	1.2	3	0.25	33	0.1	6.6	0.046	0.1	1	37	0.4	60
1095316	0.47	246	1	0.042	21.8	0.092	14.1	0.025	1.6	3.4	0.25	58	0.1	7.5	0.054	0.1	1.3	42	0.5	69
1095317	0.39	334	0.6	0.034	20.1	0.046	15.9	0.025	1.3	2.6	0.25	48	0.1	4.9	0.025	0.05	0.7	34	0.4	55
1095318	0.45	392	0.4	0.047	24.1	0.058	22.4	0.025	1.3	3.1	0.25	49	0.1	8	0.048	0.1	0.9	37	0.4	56
1095319	0.47	174	0.4	0.035	23.3	0.078	15.6	0.025	1.6	3.3	0.25	39	0.1	6.7	0.048	0.1	1	42	0.4	62
1095320	0.4	743	1.9	0.024	13	0.149	19.6	0.19	13.2	1.3	0.6	35	0.1	0.8	0.021	0.3	1.9	38	0.2	40
1095321	0.48	196	0.6	0.07	22.4	0.101	44.5	0.025	6.7	3	0.25	71	0.1	9.1	0.057	0.1	1.6	39	1.7	78
1095322	0.46	349	0.6	0.07	18	0.084	43.7	0.025	8.6	2.6	0.25	70	0.1	5.5	0.045	0.1	1.9	33	0.9	71
1095323	0.47	334	0.8	0.045	24.7	0.095	27.2	0.07	21	2.9	0.6	47	0.1	3.4	0.033	0.2	2.3	38	0.9	69
1095324	0.77	465	1	0.057	29.6	0.098	18.5	0.07	7.4	3.7	0.25	49	0.1	3.5	0.088	0.3	1.9	47	0.4	84
1095325	0.69	456	0.7	0.032	28.6	0.077	16.2	0.025	3.1	3.2	0.25	32	0.1	3.4	0.078	0.2	1.2	50	0.6	79

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1095326	410099	7088537	8N	2.9	1.43	389.2	15.3	5	161	10.2	1.6	4.7	7.6	19	105	2.03	4	0.1	0.05	14
1095327	410099	7088487	8N	2.8	1.99	105.5	9.3	4	254	12.8	0.39	30	14.7	28	352.5	4.31	5	0.05	0.1	25
1095328	410099	7088438	8N	0.3	1.61	35.9	2.5	3	156	1.7	1.5	0.9	6.1	17	15.5	1.55	5	0.07	0.05	12
1095329	410100	7088387	8N	0.7	1.71	97.4	5.4	3	184	1.7	1.33	0.9	7.4	22	29.6	2.01	5	0.05	0.05	20
1095330	410100	7088338	8N	0.4	1.25	102.3	4.1	3	184	0.5	2.01	0.4	10.6	27	27.3	2.64	4	0.15	0.06	22
1095332	410098	7088286	8N	0.3	1.64	64.7	3.9	2	269	0.5	0.93	0.4	8.8	28	22.6	2.57	5	0.08	0.04	23
1095333	410099	7088238	8N	0.2	2.03	53.7	9	2	285	0.6	0.76	0.3	8.4	34	26.4	2.56	7	0.04	0.08	19
1095334	410099	7088186	8N	0.1	1.37	56.2	6.8	0.5	396	1	0.37	0.5	9.4	33	18.5	2.59	6	0.04	0.12	15
1095335	410099	7088138	8N	0.1	1.69	84.1	11	2	260	0.7	0.3	0.3	10.7	26	30.9	2.54	5	0.04	0.06	19
1095336	410100	7088087	8N	0.05	1.03	66.3	4.3	0.5	105	0.7	0.12	0.1	4.9	22	17.5	2.2	5	0.02	0.05	13
1095337	411898	7088836	8N	0.2	1.42	177.3	5.5	2	106	1.5	0.09	0.3	19.3	27	61.1	3.66	4	0.05	0.1	23
1095338	411899	7088886	8N	0.2	2.1	99	3.5	0.5	176	1.1	0.17	0.2	15.5	42	53.6	3.55	6	0.04	0.32	20
1095339	411898	7088937	8N	0.7	2.19	643.9	15.9	2	229	13.7	0.49	0.4	10.1	31	95	3.19	7	0.05	0.08	21
1095340	411898	7088985	8N	0.2	1.79	120.5	4.1	2	226	2.1	0.71	0.5	10.7	29	35.6	2.58	5	0.04	0.1	22
1095341	411898	7089037	8N	0.2	1.98	60.9	13.4	2	204	2.6	0.68	0.6	8.4	39	22.3	2.41	9	0.1	0.06	13
1095342	411899	7089086	8N	0.2	2.74	143.7	9.5	2	207	2.5	0.94	0.3	12.2	38	30	2.61	8	0.04	0.07	17
1095343	411899	7089136	8N	0.2	2.34	47.5	26.3	2	176	2.2	1.07	0.7	11.3	27	29.1	2.21	7	0.04	0.05	18
1095344	411897	7089186	8N	0.2	2.09	118.4	15.3	2	214	8.3	0.62	0.4	10.6	27	23	2.6	6	0.04	0.05	16
1095345	411897	7089236	8N	0.3	2.41	42.7	92.1	4	206	4.1	1.87	1.1	11.9	29	27.8	2.21	7	0.08	0.04	25
1095346	411899	7089287	8N	0.2	2.01	19.8	43.6	4	212	1.8	0.82	0.9	10.7	30	30.3	2.32	6	0.09	0.07	18
1095347	411905	7089334	8N	0.3	2.22	105	23.1	3	244	7.2	1.12	0.8	10.5	29	44.3	2.36	7	0.1	0.05	17
1095348	411884	7089395	8N	0.2	1.88	83.1	41.8	3	268	2.9	0.57	0.7	13	31	118.9	2.77	6	0.05	0.06	21
1095349	411899	7089436	8N	0.05	2.08	20.4	12.8	1	116	0.6	0.11	0.2	6.6	30	25.2	2.61	7	0.06	0.05	13
1095350	411898	7089486	8N	0.2	2.06	60.5	72.3	2	224	3.3	0.45	0.4	9.2	25	42.4	2.24	6	0.07	0.05	25
1095351	411398	7088785	8N	1.1	1.53	850	65.2	3	210	16.9	0.77	0.8	10.8	37	169.1	3.34	5	0.04	0.08	32
1095352	411398	7088737	8N	1.1	1.36	2479.8	179.9	1	180	26.1	0.53	0.5	10.9	24	249.3	3.24	4	0.02	0.08	30
1095353	411400	7088686	8N	0.4	1.52	468.2	20.4	2	198	4.2	0.26	0.4	10.8	29	119.6	2.75	5	0.06	0.08	33
1095354	411397	7088637	8N	0.5	1.51	608.9	29	1	157	4.9	0.19	0.4	9.4	28	123.9	2.48	5	0.06	0.1	23
1095355	411400	7088586	8N	0.1	1.25	270.4	4.5	2	128	1.6	0.19	0.2	7.9	23	62.5	2.12	4	0.05	0.07	15
1095356	411401	7088537	8N	0.6	1.53	512.1	1.7	2	106	1.8	0.28	0.5	10.8	29	200.4	2.62	5	0.02	0.1	30
1095357	411401	7088486	8N	0.9	1.42	700.9	18.7	2	167	5.9	0.26	0.4	10.5	29	136.8	3.53	4	0.01	0.1	43
1095358	411399	7088436	8N	0.3	1.3	217.2	5.7	2	179	1.4	0.3	0.3	8.9	30	81.3	2.49	4	0.02	0.11	31
1095359	411400	7088386	8N	1.3	1.67	326.6	7.3	4	331	2.2	0.58	0.1	8.2	33	117.4	3.13	5	0.08	0.12	42
1095360	411398	7088336	8N	0.2	1.23	64.4	2.1	2	141	0.7	0.23	0.2	7.8	27	35.7	2.37	4	0.02	0.09	21
1095361	411398	7088286	8N	0.1	1.51	59.7	5.3	1	203	0.6	0.22	0.2	8.3	29	39.5	2.33	5	0.03	0.12	28
1095363	411396	7088237	8N	0.3	1.57	150.6	7.6	2	235	1.1	0.13	0.2	10.3	30	39.4	2.7	4	0.05	0.07	27
1095364	411396	7088185	8N	0.3	1.59	194.6	7.1	3	264	1.7	0.26	0.2	10.4	35	47.6	2.75	5	0.04	0.1	32
1095365	411398	7088136	8N	0.1	1.36	71.9	6.4	2	225	0.7	0.22	0.3	9.5	32	36	2.44	4	0.04	0.11	29
1095366	411397	7088087	8N	0.2	1.21	77.1	6.4	2	257	0.8	0.29	0.2	7.6	30	30.9	2.27	5	0.05	0.1	22
1095367	411399	7088036	8N	0.2	1.36	61.6	1.9	2	197	0.8	0.19	0.2	7.8	30	28	2.35	5	0.06	0.1	21
1095368	411399	7087988	8N	0.1	1.41	51.3	2.6	2	227	0.7	0.29	0.3	9.4	32	25.5	2.41	5	0.03	0.18	28
1095369	411399	7087938	8N	0.3	1.63	66.2	6.2	2	317	0.9	0.33	0.2	10.5	36	37	2.69	6	0.05	0.11	32
1095370	411397	7087887	8N	0.2	1.68	113.6	3.5	1	186	0.7	0.12	0.3	8.5	30	37.2	2.53	5	0.03	0.07	23
1095371	411399	7087837	8N	0.2	1.58	50.2	7.2	2	202	0.6	0.11	0.2	8.3	29	32.3	2.71	5	0.04	0.07	18
1095372	411398	7087787	8N	0.2	1.33	57.4	7.1	2	191	0.6	0.16	0.2	8.5	27	27.8	2.58	4	0.04	0.06	21
1095373	411401	7087737	8N	0.2	1.37	48.5	16.8	2	172	0.7	0.16	0.3	8.5	28	32.4	2.63	4	0.04	0.08	24

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1095326	0.35	466	0.6	0.048	17.9	0.088	124.6	0.12	5.2	1.9	0.6	61	0.1	2	0.02	0.1	1.1	24	0.4	148
1095327	0.57	1125	1.2	0.035	31.1	0.047	77.9	0.025	6.4	4.5	0.25	46	0.1	7.5	0.054	0.3	1.6	41	0.4	849
1095328	0.32	319	0.9	0.04	14.7	0.078	26.3	0.09	1.2	1.5	0.25	71	0.1	1.6	0.02	0.05	0.7	27	0.3	55
1095329	0.49	400	0.5	0.054	19	0.057	48.9	0.025	3.1	2.6	0.25	81	0.1	4.2	0.026	0.05	1.1	31	0.3	70
1095330	0.65	370	0.5	0.028	23.2	0.102	21.7	0.025	11	4.4	0.25	58	0.1	6.2	0.025	0.05	0.7	35	0.3	76
1095332	0.59	331	0.4	0.034	20.8	0.069	23	0.025	6.6	3.6	0.25	50	0.1	4.2	0.023	0.1	0.8	37	0.3	62
1095333	0.83	314	1	0.012	17.3	0.099	14.5	0.025	3.1	3.9	0.25	33	0.1	2.8	0.047	0.2	1.5	73	0.3	79
1095334	0.48	542	1.9	0.011	15.6	0.065	12.8	0.025	2.5	2.1	0.25	34	0.1	2.1	0.08	0.1	1	53	0.7	71
1095335	0.46	525	2.4	0.008	18	0.054	11.7	0.025	2.8	1.9	0.8	26	0.1	1.6	0.037	0.2	2.5	47	0.5	78
1095336	0.4	202	1.5	0.005	13	0.029	9.4	0.025	1.9	1.5	0.25	14	0.1	1.8	0.045	0.1	1.1	50	0.3	53
1095337	0.38	500	1.7	0.007	32	0.071	20.1	0.025	24.4	3.1	0.6	29	0.1	5.2	0.025	0.5	3	39	0.8	79
1095338	0.62	347	1.3	0.011	34.2	0.06	15.6	0.025	5.7	3.3	0.6	26	0.1	8	0.074	0.5	2.6	43	0.3	76
1095339	0.51	226	1.2	0.013	26.6	0.102	34.1	0.025	33.1	3.7	0.8	47	0.1	4.8	0.036	0.3	3.5	47	0.4	69
1095340	0.47	284	0.9	0.066	25.2	0.096	16.1	0.025	9	3.4	0.25	59	0.1	7.8	0.057	0.2	1.4	43	0.9	64
1095341	0.65	344	0.8	0.035	18.2	0.085	10.9	0.11	1.8	3	0.25	38	0.1	2.3	0.085	0.2	1	48	0.5	55
1095342	0.73	380	0.5	0.102	27.3	0.07	17.8	0.05	2	3.7	0.25	61	0.1	4.8	0.079	0.2	1.4	45	0.5	71
1095343	0.46	509	0.6	0.102	26.2	0.09	29.4	0.06	1.3	2.3	0.25	74	0.1	3.3	0.035	0.2	1.5	38	0.8	72
1095344	0.44	403	1	0.021	19.5	0.049	18.4	0.025	1	2.5	0.25	34	0.1	4.3	0.035	0.2	1.7	46	0.5	64
1095345	0.47	595	0.8	0.054	21.5	0.097	30	0.12	1	2.3	0.6	56	0.1	2.6	0.042	0.1	4.6	38	0.6	73
1095346	0.58	401	0.6	0.038	23.8	0.075	22.7	0.025	2.1	2.9	0.25	46	0.1	5.5	0.075	0.2	1.6	45	1.3	94
1095347	0.44	566	0.8	0.051	24.4	0.112	29.2	0.08	2	2.5	0.5	54	0.1	2.5	0.029	0.1	2.7	42	0.6	99
1095348	0.42	533	2	0.02	38.4	0.113	13.9	0.025	2.4	3.5	0.25	64	0.1	7.9	0.076	0.1	5.8	56	1.1	104
1095349	0.43	244	1.2	0.007	18.8	0.047	12	0.025	0.9	2.5	0.25	11	0.1	2.4	0.057	0.2	1	65	0.4	64
1095350	0.37	487	1	0.024	25.2	0.107	13.6	0.025	1.4	2.5	0.25	31	0.1	5.2	0.041	0.05	2.5	45	1.2	82
1095351	0.59	560	0.9	0.017	19.1	0.086	20.8	0.025	56	4.2	1	58	0.1	6.8	0.05	0.2	5.4	44	1.5	82
1095352	0.46	418	1	0.014	19.8	0.093	13.3	0.025	53.2	2.9	1.9	37	0.5	9.3	0.048	0.2	4.7	39	7	75
1095353	0.49	442	1.2	0.008	23	0.084	13.2	0.025	37.2	3.1	0.25	24	0.1	9.8	0.058	0.3	6.1	48	4.9	77
1095354	0.45	390	1	0.008	22.4	0.078	10.1	0.025	1.7	2.3	0.7	17	0.1	5.5	0.059	0.3	3.5	49	3.3	79
1095355	0.41	265	1	0.007	18.9	0.059	8.2	0.025	1.3	1.9	0.7	16	0.1	3.1	0.046	0.2	1.3	41	1	56
1095356	0.56	272	1.1	0.011	20.5	0.079	19.4	0.025	9	3.4	0.7	24	0.1	8.8	0.063	0.2	4.7	44	3.3	68
1095357	0.33	232	1.6	0.005	17.3	0.1	31.5	0.05	46.9	5.6	0.9	27	0.1	20.5	0.024	0.4	10	43	1.3	80
1095358	0.48	351	1.4	0.009	21.8	0.088	9.6	0.025	8.6	3.3	0.7	21	0.1	10.5	0.076	0.3	6.1	49	4.3	68
1095359	0.43	375	2	0.008	21.8	0.101	13.9	0.06	13.2	5.4	1.2	34	0.1	5.6	0.036	0.4	10.5	52	1.7	73
1095360	0.44	288	1	0.006	17.6	0.072	10.5	0.025	4.7	2.3	0.6	18	0.1	7.6	0.058	0.2	2.4	44	3.9	55
1095361	0.47	331	1.3	0.007	20.3	0.074	9.2	0.025	2.2	2.7	0.25	16	0.1	9.7	0.08	0.3	4.4	48	7.3	63
1095363	0.4	401	1.3	0.007	21.5	0.054	12.1	0.025	2.4	2.5	0.25	14	0.1	7.6	0.052	0.2	4.3	52	3.2	63
1095364	0.51	437	1.8	0.009	21.3	0.074	13.3	0.025	7.2	3.6	0.9	29	0.1	9.9	0.076	0.4	7.4	55	13.1	71
1095365	0.48	370	1.4	0.008	19.3	0.081	10.6	0.025	7.5	2.7	0.25	18	0.1	10.1	0.082	0.3	3.9	50	8.4	62
1095366	0.43	325	1.6	0.009	16.7	0.073	10.6	0.025	4	2.4	0.7	26	0.1	6.8	0.083	0.3	3.8	51	4.5	58
1095367	0.42	332	1.3	0.007	16.8	0.062	9.9	0.025	2.7	2.3	0.9	18	0.1	6.1	0.07	0.3	2.8	49	4.2	55
1095368	0.52	375	1.3	0.009	17.8	0.086	11.5	0.025	9.4	2.5	0.25	23	0.1	11.2	0.108	0.3	2.8	53	5.4	67
1095369	0.52	432	1.8	0.011	20.5	0.102	12.1	0.025	5.5	2.9	0.25	31	0.1	6.8	0.083	0.4	5.3	58	4.7	71
1095370	0.44	296	1.3	0.007	21.3	0.064	11.4	0.025	15.7	2.3	0.25	17	0.1	2.3	0.038	0.3	5.5	47	1.5	58
1095371	0.44	309	1.4	0.007	20.3	0.066	12.4	0.025	3.6	1.8	0.6	14	0.1	1.4	0.029	0.2	2.8	51	0.8	62
1095372	0.4	360	1.1	0.007	18.4	0.063	11.5	0.025	3.2	2.1	0.5	17	0.1	2	0.033	0.2	3.2	46	1.5	55
1095373	0.44	360	1.1	0.008	19.5	0.075	11.8	0.025	3.6	2.6	0.5	17	0.1	3.2	0.041	0.2	3.7	49	1.1	57

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1095374	411400	7087687	8N	0.05	1.22	44	5.4	2	121	0.5	0.12	0.2	7.7	25	23	2.42	4	0.04	0.06	20
1095375	411400	7087637	8N	0.2	1.4	52.2	4.7	2	152	0.9	0.15	0.2	7.6	28	27	2.45	5	0.02	0.09	22
1095376	411401	7087587	8N	0.1	1.17	27.7	1.5	1	135	0.6	0.15	0.2	6.8	26	22.4	2.35	4	0.02	0.09	19
1095377	411398	7087537	8N	0.05	1.01	26.4	2.3	1	138	0.5	0.23	0.2	7.3	21	18.6	2.12	3	0.02	0.07	18
1095378	411399	7087487	8N	0.1	1.34	31.5	3.2	1	167	0.6	0.19	0.1	8.1	27	20.7	2.4	4	0.04	0.08	22
1095379	411397	7087437	8N	0.05	0.99	20.1	8.7	2	115	0.8	0.16	0.3	6.3	21	16.9	2.12	4	0.02	0.06	17
1096001	411599	7088835	8N	0.4	0.65	1513.9	43.6	2	88	17.2	0.36	0.3	11.5	15	99.9	4.32	2	0.03	0.09	59
1096002	411597	7088887	8N	0.8	1.19	1442.5	57.1	2	181	12.4	0.44	0.8	16	35	188.4	4.09	4	0.03	0.12	59
1096003	411599	7088937	8N	2.1	1.53	2353.9	90.9	2	209	24.1	0.4	1.6	15.6	54	284.3	4.52	6	0.06	0.1	43
1096004	411599	7088986	8N	2	1.15	2740.1	81.2	4	147	29.7	0.47	1.3	12.7	29	326.6	3.76	4	0.02	0.06	26
1096005	411599	7089036	8N	5.7	1.67	4154	104	5	217	44.2	0.98	2.7	15.2	38	493	5.17	5	0.06	0.08	34
1096006	411600	7089136	8N	0.2	1.49	195.8	8.3	2	178	1.9	0.29	0.3	11.4	28	48.8	2.45	4	0.02	0.11	22
1096007	411599	7089187	8N	0.2	1.91	103.1	7.4	1	176	1.7	0.28	0.2	13.4	29	42.4	2.91	6	0.04	0.05	25
1096008	411600	7089237	8N	0.2	1.76	160.1	9.9	2	202	2.8	0.24	0.2	12	28	37.4	2.69	5	0.05	0.04	23
1096009	411598	7089287	8N	0.05	1.5	69.5	2.9	1	152	1	0.19	0.1	8.8	25	23.6	2.34	4	0.04	0.03	15
1096010	411598	7089337	8N	0.05	2.28	115.2	7.1	1	203	1.8	0.17	0.2	10.9	34	47.8	3.06	7	0.05	0.05	20
1096011	411601	7089387	8N	0.1	1.67	44.5	15	2	188	2.4	0.24	0.1	7.5	26	32.3	2.23	5	0.05	0.04	18
1096012	411598	7089438	8N	0.1	1.56	28.7	9.4	2	217	1.1	0.38	0.3	9.4	24	25.9	2.05	4	0.03	0.06	16
1096013	411599	7089488	8N	0.2	2.11	66.5	14.4	2	286	3.7	0.27	0.3	12.1	31	61.6	2.65	6	0.08	0.05	28
1096014	411600	7089536	8N	0.1	1.41	39.8	13.7	2	231	1.7	0.34	0.4	10.2	27	35.4	2.35	4	0.05	0.05	22
1096015	411599	7089585	8N	0.2	1.71	102.9	19.1	1	188	3.6	0.12	0.2	8.4	26	45.5	2.44	5	0.05	0.04	19
1096016	411598	7089636	8N	0.4	1.77	164	59	2	281	7.7	0.23	0.7	11.2	31	71.3	2.77	6	0.07	0.07	34
1096017	411598	7089686	8N	0.1	1.71	42.5	27.7	2	226	1.4	0.32	0.4	11.5	33	49.2	2.66	5	0.06	0.11	26
1096018	411599	7089736	8N	0.1	1.82	55.5	19.8	7	194	4.9	0.56	0.1	7.9	30	28	2.65	6	0.02	0.05	19
1096019	411599	7089786	8N	0.05	1.81	23.6	1.7	2	174	1.3	0.35	0.2	7.1	22	18.8	1.95	5	0.03	0.03	14
1096020	411597	7089836	8N	0.05	2.03	39.7	3.2	2	212	0.6	0.5	0.3	7.4	23	18.8	2.2	6	0.04	0.04	16
1096021	411599	7089886	8N	0.2	2.11	83.7	4	4	220	0.9	0.83	0.3	8.3	27	28.9	2.34	7	0.03	0.05	16
1096022	411599	7089936	8N	0.7	1.83	88.7	26.1	6	292	20.7	0.98	1.1	8.6	27	62.7	2.29	5	0.04	0.05	22
1096023	411599	7089986	8N	0.3	1.94	14.5	6.3	4	197	1.6	1.16	0.6	7.3	28	33	1.9	5	0.05	0.05	25
1096025	411599	7090036	8N	0.3	1.46	21.3	4	4	233	2	0.83	1.3	8.8	26	24.2	2.15	4	0.03	0.05	24
1096026	411600	7090087	8N	0.1	1.5	38.7	8.2	2	311	0.9	0.34	0.5	10.4	27	26.3	2.65	5	0.04	0.06	30
1096027	411599	7090136	8N	0.2	1.58	28.6	3.7	3	207	2.3	0.36	0.7	8.1	25	42.9	2.18	4	0.03	0.06	23
1096028	411598	7090187	8N	0.4	1.96	13.9	2.7	3	288	0.4	0.59	0.6	10.5	32	24.9	2.27	6	0.06	0.06	18
1096029	411598	7090236	8N	0.5	1.68	15	8.1	6	215	0.3	1.11	1.2	9	25	20.8	2.17	5	0.05	0.06	18
1096030	411598	7090286	8N	0.2	1.85	11.8	14.9	3	227	0.2	0.78	0.9	10.1	24	17.1	2.2	4	0.04	0.05	13
1096036	413289	7088575	8N	0.05	1.25	89.3	9.7	1	123	0.9	0.18	0.2	19.5	24	29.9	3.19	4	0.05	0.1	21
1096037	413270	7088622	8N	0.05	0.96	10.6	1	0.5	42	0.3	0.05	0.05	4.7	16	17.1	2.49	4	0.03	0.04	17
1096038	413284	7088671	8N	0.05	1.5	24.5	1.8	0.5	81	0.3	0.07	0.1	16.1	21	30.8	3.34	5	0.04	0.13	25
1096039	413318	7088707	8N	0.05	0.96	18.1	1.9	0.5	73	0.4	0.07	0.05	5.6	16	10.7	2.09	4	0.05	0.03	12
1096040	413344	7088752	8N	0.05	0.98	19.7	3.2	1	59	0.4	0.09	0.1	7	16	19.1	2.12	3	0.05	0.05	20
1096041	413356	7088801	8N	0.05	0.9	35.5	1.6	0.5	55	0.3	0.11	0.05	9.2	14	19.4	2.24	3	0.03	0.05	20
1096042	413364	7088850	8N	0.05	1.12	14	3.2	0.5	54	0.3	0.07	0.2	9.8	18	21	2.7	3	0.02	0.04	22
1096043	413362	7088901	8N	0.2	0.73	2.3	1.4	0.5	53	0.6	0.06	0.05	7	6	40.7	3.37	2	0.01	0.08	52
1096044	413382	7088947	8N	0.05	1.26	9.8	0.8	0.5	98	0.3	0.09	0.1	11.4	19	28	2.8	4	0.02	0.08	20
1096045	412876	7083236	8N	0.05	1.31	15	2.9	2	129	0.2	0.09	0.2	11.7	22	30.8	3.38	4	0.02	0.07	25
1096046	412909	7083199	8N	0.05	1.33	11.1	2.9	1	116	0.2	0.14	0.2	10.1	21	29.8	2.52	4	0.03	0.06	20

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1095374	0.41	286	1	0.006	17.7	0.054	9.7	0.025	1.8	2.3	0.6	14	0.1	4	0.047	0.2	3.6	44	0.7	54
1095375	0.42	252	1.1	0.006	18.6	0.065	10.6	0.025	3	2.6	0.6	23	0.1	3.9	0.045	0.2	3.6	46	0.7	53
1095376	0.41	237	1.1	0.006	18.5	0.047	10.4	0.025	2.5	2.4	0.25	18	0.1	5.1	0.051	0.2	2.8	42	0.6	56
1095377	0.38	313	0.9	0.005	17.2	0.071	8.6	0.025	1.9	2.1	0.25	18	0.1	6.3	0.041	0.1	2	34	0.6	59
1095378	0.43	372	1.1	0.005	17.2	0.062	10.2	0.025	1.9	2.8	0.25	17	0.1	4.8	0.042	0.2	6	43	0.5	57
1095379	0.35	225	0.8	0.004	15.3	0.05	9.3	0.025	1.9	1.9	0.7	15	0.1	5.2	0.04	0.2	1.5	36	0.8	50
1096001	0.13	501	1.9	0.002	13	0.091	44.9	0.025	153.5	6.5	0.25	34	0.1	16	0.003	0.5	10.6	19	1.2	61
1096002	0.5	677	3.3	0.006	22.2	0.11	34.8	0.025	233.3	7.8	0.25	34	0.1	22.7	0.051	0.4	12.4	47	1.8	90
1096003	0.62	658	1.7	0.008	24.2	0.095	50.8	0.025	96.9	7.8	0.25	39	0.1	12.3	0.047	0.3	8.9	58	2.3	100
1096004	0.46	444	0.9	0.011	17.9	0.053	34	0.025	220.3	3.4	1.1	36	0.1	6.4	0.029	0.2	2.9	35	4.4	74
1096005	0.57	853	1.5	0.028	24.9	0.115	86.3	0.12	392.6	5.3	1.9	62	0.1	5.8	0.021	0.3	4.8	41	0.9	115
1096006	0.51	334	1	0.01	26.1	0.086	10.3	0.025	10.3	2.9	0.25	22	0.1	7.5	0.066	0.2	2.4	43	1.1	66
1096007	0.5	490	1	0.01	25.4	0.085	14.1	0.025	1.9	3.1	0.25	19	0.1	4	0.042	0.1	2.4	49	0.7	71
1096008	0.44	520	1.5	0.007	22.9	0.088	13.1	0.025	1.6	2.2	0.25	17	0.1	1.6	0.026	0.1	7	48	0.5	70
1096009	0.42	353	1.4	0.005	17	0.061	10.8	0.025	1	1.4	0.25	12	0.1	1.1	0.023	0.1	2.7	45	0.4	56
1096010	0.48	472	2.4	0.006	26.1	0.073	17.3	0.025	1.6	2.1	0.25	16	0.1	1.8	0.027	0.2	4.7	67	0.5	71
1096011	0.38	259	1.4	0.008	20.7	0.074	12.6	0.06	1.4	1.7	0.25	23	0.1	2.2	0.028	0.1	2.3	48	0.8	58
1096012	0.42	319	0.8	0.016	24.2	0.072	10.8	0.025	1.3	2.2	0.25	27	0.1	5.1	0.049	0.1	1.1	40	1	61
1096013	0.47	522	2.2	0.011	27.9	0.102	17.6	0.025	1.4	2.6	0.6	25	0.1	2.5	0.032	0.2	4.2	61	0.7	77
1096014	0.4	388	1.5	0.009	24.9	0.092	10.7	0.025	1.5	2.3	0.25	27	0.1	5.4	0.047	0.1	2.4	50	0.8	72
1096015	0.35	224	1.5	0.005	19.2	0.055	12.1	0.025	1.9	1.9	0.25	12	0.1	1.8	0.026	0.1	2.7	51	0.5	52
1096016	0.47	617	1.6	0.012	25.1	0.103	17.9	0.025	4.5	3.3	0.7	25	0.2	5.3	0.049	0.1	5.5	54	0.8	89
1096017	0.57	405	1.6	0.009	26.4	0.08	11.1	0.025	6.6	4.1	0.25	25	0.1	6.9	0.077	0.3	2.4	54	1.2	75
1096018	0.48	267	1	0.006	19.2	0.058	12.4	0.025	6.8	2.2	0.25	20	0.1	2.3	0.041	0.1	1.6	43	0.7	90
1096019	0.37	270	0.7	0.008	17.3	0.064	13.8	0.08	0.7	1.4	0.25	25	0.1	1.9	0.022	0.05	0.9	38	0.3	55
1096020	0.43	310	0.8	0.013	18.3	0.075	14.7	0.025	0.8	1.9	0.25	31	0.1	2	0.033	0.1	1.3	41	0.8	54
1096021	0.45	457	1.1	0.017	18.6	0.087	18.4	0.025	1.6	1.5	0.25	37	0.1	0.9	0.026	0.2	2.1	45	1	65
1096022	0.49	414	0.8	0.047	21.5	0.088	27	0.025	1.7	2.8	0.25	73	0.4	4.8	0.045	0.1	1.5	39	0.7	85
1096023	0.61	312	0.6	0.044	19.7	0.077	28.1	0.11	0.9	2.8	0.25	79	0.1	6.3	0.042	0.1	1.9	37	0.5	73
1096025	0.46	406	0.6	0.055	21.6	0.085	32	0.025	1.3	2.7	0.25	57	0.1	6.9	0.06	0.05	1.1	41	0.7	88
1096026	0.48	522	1.1	0.012	23.3	0.084	14.8	0.025	1.2	3.1	0.25	33	0.1	6.9	0.071	0.2	3.2	49	1.1	83
1096027	0.5	235	0.6	0.015	22	0.085	18.5	0.025	1.2	2.9	0.25	29	0.1	6.1	0.051	0.1	1.8	42	0.5	75
1096028	0.53	308	0.5	0.021	26.6	0.079	66.6	0.025	1.8	3.8	0.25	33	0.1	5.4	0.051	0.2	1	47	0.4	74
1096029	0.46	330	0.8	0.035	22.4	0.053	96.3	0.025	1.3	2.9	0.25	59	0.1	3.6	0.051	0.1	0.8	39	0.4	84
1096030	0.46	415	0.7	0.027	24.2	0.046	83.8	0.025	1	2.8	0.25	42	0.1	3.6	0.041	0.1	0.7	38	0.2	65
1096036	0.41	427	1.8	0.006	34.6	0.085	12.7	0.08	1.3	2.2	0.25	23	0.1	7	0.046	0.2	4.3	39	1.6	81
1096037	0.3	181	0.9	0.005	12	0.036	7.1	0.025	0.7	1	0.25	8	0.1	3.3	0.016	0.05	0.8	28	0.2	41
1096038	0.48	232	1.2	0.014	24.2	0.031	9.3	0.12	1	1.9	0.25	44	0.1	9.1	0.039	0.3	1.4	32	0.1	57
1096039	0.21	193	0.8	0.004	12.2	0.038	10	0.05	0.7	1	0.25	15	0.1	0.9	0.025	0.1	0.8	34	0.3	39
1096040	0.31	187	0.8	0.005	16.4	0.042	6.9	0.025	0.7	1.1	0.25	21	0.1	4.2	0.023	0.1	1.1	27	0.3	49
1096041	0.33	207	0.5	0.008	18.2	0.055	7.5	0.06	0.8	1.2	0.25	21	0.1	6.6	0.026	0.05	1	24	0.2	46
1096042	0.4	280	0.7	0.005	17.2	0.048	8.7	0.025	1.1	1.2	0.25	12	0.1	5.3	0.022	0.05	1.1	28	0.2	57
1096043	0.19	80	0.8	0.009	18.4	0.047	6.2	0.05	2.2	1.1	0.25	31	0.1	20.9	5E-04	0.2	2.6	5	0.05	47
1096044	0.39	288	0.9	0.009	20.4	0.048	8.7	0.07	1	1.7	0.8	17	0.1	7.7	0.03	0.1	1	31	0.1	53
1096045	0.35	437	1.1	0.008	30.5	0.051	21.5	0.025	5.3	1.8	0.25	19	0.1	2.2	0.02	0.1	0.9	37	0.2	77
1096046	0.35	300	1	0.006	25.3	0.05	13	0.025	2.3	2.4	0.25	13	0.1	3.2	0.029	0.1	0.7	39	0.2	66

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1096047	412947	7083163	8N	0.05	0.69	9.6	5.7	1	84	0.2	0.09	0.3	7.7	14	22.7	2.4	3	0.05	0.06	21
1096049	407380	7087647	8N	1.6	0.97	54.6	2.3	1	290	0.3	0.04	0.6	8.6	35	51.5	4.3	3	0.08	0.1	30
1096050	407336	7087671	8N	0.2	1.47	11.2	2.3	0.5	174	0.2	0.13	0.4	8.9	26	19	2.35	4	0.05	0.05	19
1096101	410325	7086460	8N	0.1	1.47	10.2	2.1	1	126	0.1	0.14	0.2	15	57	35.2	2.72	5	0.03	0.16	17
1096102	410275	7086449	8N	0.05	1.44	11	11.8	1	140	0.2	0.13	0.4	13.4	57	24	2.64	4	0.04	0.1	17
1096103	410226	7086445	8N	0.2	1.27	16.8	13.8	2	170	0.2	0.17	0.6	15.7	51	31	2.77	4	0.05	0.1	20
1096104	410176	7086433	8N	0.3	1.56	15.6	18.3	1	222	0.3	0.21	0.6	15.4	95	43.1	2.9	5	0.07	0.14	19
1096105	410126	7086426	8N	0.2	1.65	11.4	5.9	1	129	0.3	0.07	0.3	8.3	34	21.6	3.12	5	0.06	0.11	17
1096106	410081	7086404	8N	0.3	1.41	18.4	12.7	1	153	0.5	0.13	0.3	11.1	53	31.8	2.8	5	0.07	0.16	17
1096107	410032	7086392	8N	0.3	1.35	13.1	21.2	0.5	197	0.4	0.14	0.3	10.1	35	25.3	2.62	4	0.05	0.14	18
1096108	409983	7086376	8N	0.2	1.31	14.1	2.8	1	128	0.5	0.09	0.2	7.7	32	18.8	2.73	5	0.04	0.08	17
1096109	409934	7086379	8N	0.2	1.15	11.4	4.5	1	197	0.5	0.15	0.3	9	31	25.1	2.5	4	0.04	0.12	17
1096110	409884	7086368	8N	0.2	1.62	12	2.9	1	295	0.7	0.21	0.4	13.4	114	25.2	3.1	6	0.05	0.26	17
1096111	409834	7086362	8N	0.2	1.46	12	4.3	0.5	204	0.7	0.18	0.3	11.4	57	29.6	2.67	5	0.03	0.24	19
1096112	409784	7086352	8N	0.2	1.34	11.6	9	1	236	0.6	0.14	0.2	8.6	34	28.1	2.04	4	0.04	0.12	18
1096113	409737	7086338	8N	0.2	1.54	28.5	6.5	0.5	190	1.2	0.21	0.4	9.2	62	30.3	2.44	5	0.02	0.27	19
1096114	409689	7086324	8N	0.1	1.78	27.7	5	0.5	167	0.9	0.12	0.2	12.3	48	32.3	2.77	5	0.02	0.24	21
1096115	409647	7086298	8N	0.2	1.57	45.4	2.4	0.5	149	0.8	0.14	0.2	11.5	37	29.4	2.55	5	0.02	0.24	20
1096116	409607	7086269	8N	0.2	2.06	18.9	3	1	168	0.6	0.13	0.2	11.7	37	35.7	2.94	6	0.04	0.41	18
1096117	409562	7086247	8N	0.2	1.22	28.2	1.7	0.5	175	0.6	0.19	0.7	10.8	24	29.9	2.45	4	0.03	0.21	18
1096118	409523	7086217	8N	0.1	1.4	16.7	1	0.5	212	0.4	0.14	0.3	11.2	30	25.4	2.47	5	0.04	0.2	18
1096119	409485	7086185	8N	0.1	1.7	18.1	3	1	176	0.7	0.1	0.2	9	41	34.5	3	5	0.03	0.32	27
1096120	409440	7086162	8N	0.1	1.91	53.1	2.3	0.5	151	1.1	0.13	2.3	17.4	62	41	3.21	6	0.03	0.36	23
1096121	409396	7086138	8N	0.05	1.6	48	1.6	0.5	108	0.9	0.07	0.9	12.5	25	38.6	2.91	4	0.03	0.21	32
1096122	409353	7086112	8N	0.2	1.58	15.6	2.5	1	91	0.2	0.1	1.9	12	26	20.2	2.6	3	0.06	0.09	14
1096123	409307	7086087	8N	0.2	1.57	12.1	2.3	1	110	0.2	0.05	0.4	14.7	23	31.5	2.65	4	0.05	0.17	31
1096124	409260	7086067	8N	0.2	1.31	9.8	1.2	2	81	0.3	0.02	1.6	14.2	15	29.8	2.77	4	0.04	0.19	40
1096125	409209	7086058	8N	0.1	1.44	12.3	15.3	2	126	0.2	0.07	1.3	11.1	22	20.2	2.64	4	0.05	0.1	21
1096126	409162	7086038	8N	0.2	1.25	11.1	3.9	0.5	101	0.2	0.13	0.3	6.9	21	22.9	2.15	4	0.07	0.07	17
1096127	409110	7086033	8N	0.1	1.25	11.1	1.5	0.5	94	0.2	0.08	0.3	4.7	21	9.5	2.51	5	0.04	0.05	12
1096128	409060	7086017	8N	0.3	1.16	10.3	4.1	1	126	0.2	0.14	0.5	9.2	21	26.4	2.21	3	0.03	0.07	19
1096129	409015	7085992	8N	0.3	1.24	18.7	3.5	0.5	89	0.4	0.11	0.6	7.5	19	21.8	2.11	4	0.03	0.09	21
1096131	408970	7085968	8N	0.3	1.37	12	1.3	0.5	137	0.3	0.11	0.5	10.7	22	23.3	2.34	4	0.04	0.11	22
1096133	408928	7085937	8N	0.2	1.35	12.3	1.7	0.5	75	0.3	0.06	0.1	5	21	14.3	2.5	5	0.05	0.07	19
1096134	410052	7084958	8N	0.05	1.15	12.6	5.1	1	121	0.3	0.19	0.3	11	24	19.9	2.74	4	0.01	0.12	22
1096135	410003	7084967	8N	0.3	1.44	26.1	4.1	2	120	0.2	0.53	0.4	12.6	32	20.6	3.01	4	0.05	0.11	17
1096136	409955	7084984	8N	0.05	1.58	20.4	3.6	1	143	0.2	0.13	0.5	19.1	31	44.9	4.16	5	0.01	0.24	17
1096151	411666	7086222	8N	0.05	1.32	5.9	3.5	1	143	0.3	0.16	0.3	15.4	27	41	2.68	4	0.005	0.29	23
1096152	411666	7086174	8N	0.05	1.31	8.7	1.2	1	113	0.4	0.07	0.2	6.8	24	19.5	2.43	5	0.04	0.1	14
1096153	411666	7086123	8N	0.05	1.47	13.3	4.1	1	90	0.3	0.09	0.2	10.2	26	22.2	2.62	4	0.02	0.13	13
1096154	411665	7086074	8N	0.1	1.78	14.1	4.3	1	141	3.3	0.11	0.2	15.6	33	35.2	2.99	5	0.04	0.31	19
1096155	411647	7086028	8N	0.3	1.46	18.9	15.2	1	158	0.5	0.14	0.5	16.1	27	31.9	2.92	4	0.04	0.19	19
1096156	411637	7085981	8N	0.2	1.08	85.8	3.4	1	101	2.2	0.16	0.2	13.1	30	36.2	2.74	3	0.02	0.16	16
1096157	411624	7085931	8N	0.4	1.56	75.1	12.1	1	160	2.1	0.11	0.4	14.3	33	35.3	3.11	5	0.04	0.22	19
1096158	411593	7085889	8N	0.5	1.55	97.1	3.6	2	164	1.9	0.11	0.4	12.7	32	39.3	3.23	5	0.03	0.27	20
1096159	411567	7085845	8N	0.2	1.52	30	5	1	156	0.6	0.11	0.3	12.3	27	30.4	2.9	5	0.03	0.21	19

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1096047	0.14	306	1	0.006	22.1	0.05	16.2	0.025	2	1.3	0.25	12	0.1	1.6	0.022	0.1	0.6	33	0.2	47
1096049	0.29	146	22	0.016	49.3	0.179	52.1	0.19	22.3	1.9	5.4	46	0.1	7.2	0.009	0.6	6.5	114	0.05	303
1096050	0.41	233	1.3	0.006	20.3	0.063	23.8	0.025	3.4	2.3	0.25	13	0.1	3.3	0.027	0.2	1.6	44	0.2	70
1096101	0.53	588	1.6	0.007	38.1	0.054	10.6	0.025	1.4	3.3	0.25	14	0.1	5.6	0.065	0.3	1.5	47	1.4	75
1096102	0.51	402	1	0.005	41.2	0.047	16.8	0.025	2.1	2.7	0.25	11	0.1	4.8	0.051	0.3	1.2	46	1.3	76
1096103	0.46	464	0.9	0.006	40.3	0.067	32.9	0.025	5.3	3	0.25	13	0.1	6.1	0.05	0.2	1.6	42	1.1	87
1096104	0.73	516	2.1	0.006	68	0.073	30.8	0.025	3.5	3.8	0.25	18	0.1	6.7	0.07	0.4	2.2	52	1.1	95
1096105	0.42	277	0.8	0.004	21.8	0.03	14.9	0.025	1.2	2.5	0.25	7	0.1	5.8	0.063	0.3	0.8	49	0.6	53
1096106	0.49	291	0.9	0.005	34.7	0.049	21.6	0.025	3.3	2.9	0.25	13	0.1	4.8	0.061	0.3	1.1	49	1	69
1096107	0.43	354	0.9	0.006	25.8	0.054	14.6	0.025	1.6	2.5	0.25	14	0.1	4.7	0.051	0.2	1.1	44	0.7	69
1096108	0.36	257	1.2	0.006	19.8	0.033	16.4	0.025	1.1	2	0.25	13	0.1	3.8	0.058	0.2	0.8	51	0.4	52
1096109	0.42	308	0.8	0.006	23.1	0.056	13.7	0.025	2.2	2.1	0.25	15	0.1	4	0.046	0.2	1.1	43	0.4	63
1096110	0.9	436	1	0.009	26.2	0.065	17.6	0.025	3.2	4	0.25	22	0.1	5	0.125	0.3	1	75	0.4	80
1096111	0.68	316	0.8	0.008	24.9	0.064	12.2	0.025	1.7	2.9	0.25	20	0.1	6	0.087	0.3	1.1	50	0.3	68
1096112	0.46	153	0.9	0.007	20.8	0.058	13	0.025	1.6	2.7	0.25	15	0.1	3.6	0.049	0.2	1.4	43	0.3	59
1096113	0.68	206	0.6	0.009	37	0.062	46.8	0.025	8.6	2.7	0.25	26	0.1	6.7	0.068	0.3	1.1	41	0.2	72
1096114	0.65	217	0.7	0.007	30.7	0.042	16.2	0.025	2	2.7	0.25	21	0.1	6.5	0.071	0.4	1.1	43	0.2	63
1096115	0.57	245	0.6	0.007	25.3	0.049	40.2	0.025	2.2	2.5	0.25	17	0.1	6.2	0.061	0.3	1	39	0.2	68
1096116	0.67	239	0.7	0.007	30	0.051	16.8	0.025	1.4	2.8	0.25	15	0.1	4.6	0.047	0.4	1.1	39	0.1	71
1096117	0.47	272	0.7	0.006	23.9	0.05	16	0.025	1.2	2.5	0.25	18	0.1	5.9	0.045	0.2	0.8	35	0.1	82
1096118	0.46	263	0.7	0.005	26.1	0.038	11	0.025	1.3	2.2	0.25	15	0.1	4.5	0.033	0.2	0.7	40	0.2	62
1096119	0.7	195	0.7	0.006	24.5	0.033	10.5	0.025	1.8	3.1	0.25	16	0.1	8.6	0.064	0.4	1	41	0.1	73
1096120	0.87	320	0.7	0.005	42.8	0.042	15.6	0.025	2.3	3	0.25	22	0.1	7.5	0.057	0.4	0.9	44	0.1	187
1096121	0.55	253	0.8	0.004	24.4	0.033	15.8	0.025	1.9	2.6	0.25	11	0.1	9.9	0.033	0.2	1.4	32	0.2	130
1096122	0.43	368	0.9	0.004	24	0.046	21.8	0.025	1	2.1	0.25	9	0.1	5.8	0.029	0.1	0.6	37	0.2	95
1096123	0.43	347	0.7	0.004	26.7	0.021	23.4	0.025	1.1	2	0.25	8	0.1	9.9	0.024	0.2	1.1	33	0.1	61
1096124	0.36	524	0.3	0.003	29.8	0.026	50.7	0.025	3.9	1.8	0.25	5	0.1	12.6	0.008	0.2	1.4	16	0.05	138
1096125	0.35	394	1	0.005	23.5	0.032	29.7	0.025	0.9	1.5	0.25	8	0.1	4.2	0.024	0.1	0.6	40	0.2	99
1096126	0.38	178	0.6	0.004	18.7	0.058	43.1	0.025	1	2	0.25	10	0.1	3	0.021	0.1	0.8	35	0.2	64
1096127	0.24	160	0.9	0.004	11.1	0.029	22.3	0.025	0.7	1.4	0.25	8	0.1	2.3	0.024	0.05	0.5	45	0.2	38
1096128	0.4	277	0.8	0.005	22.2	0.054	32.3	0.025	1.2	2.3	0.25	11	0.1	4.8	0.03	0.1	0.9	33	0.2	70
1096129	0.39	185	0.6	0.004	18.2	0.048	37.3	0.025	2.4	1.6	0.25	10	0.1	4	0.019	0.2	0.7	29	0.2	85
1096131	0.44	314	0.8	0.004	22.3	0.05	19.1	0.025	1.9	1.8	0.25	10	0.1	3.6	0.02	0.1	0.9	32	0.2	68
1096133	0.3	177	1	0.004	13.2	0.023	21.8	0.025	2.4	1.6	0.25	7	0.1	5.2	0.02	0.2	0.7	41	0.2	44
1096134	0.38	438	1	0.005	20.9	0.043	32.9	0.025	7.7	1.3	0.25	29	0.1	3.1	0.026	0.2	0.8	40	0.1	65
1096135	0.53	691	1.1	0.009	26.2	0.06	46.8	0.06	10.7	2.1	0.5	69	0.1	2.2	0.027	0.2	1.8	46	0.1	76
1096136	0.66	746	1.4	0.007	45.7	0.057	33.1	0.025	13.3	2.2	0.25	21	0.1	5.5	0.049	0.2	0.9	41	0.05	105
1096151	0.5	421	1	0.006	29.2	0.046	9.4	0.025	0.5	2.7	0.25	21	0.1	8.1	0.085	0.3	1.1	38	0.1	84
1096152	0.31	182	1.2	0.004	16.8	0.039	9.9	0.025	0.6	1.3	0.25	9	0.1	1.1	0.036	0.2	0.6	46	0.2	52
1096153	0.47	407	0.7	0.004	21.8	0.032	10.4	0.025	0.5	2.3	0.25	8	0.1	3.7	0.057	0.2	0.5	41	0.2	57
1096154	0.62	464	0.7	0.007	30.4	0.035	14.7	0.025	0.5	2.8	0.25	24	0.1	5.3	0.088	0.3	1.1	46	0.2	69
1096155	0.48	525	0.8	0.006	28.7	0.056	22.9	0.025	0.7	2.2	0.25	16	0.1	6.2	0.073	0.2	0.9	41	0.4	78
1096156	0.42	320	0.7	0.007	26.4	0.064	19.7	0.025	0.8	1.8	0.25	21	0.1	6.3	0.05	0.2	1.1	36	0.4	64
1096157	0.49	426	0.9	0.008	28.8	0.051	41.4	0.025	0.8	2.1	0.25	18	0.1	5.4	0.061	0.2	1.2	41	0.3	82
1096158	0.48	330	1	0.01	27.3	0.045	44	0.06	0.7	2.2	0.25	22	0.1	7.2	0.072	0.3	1.2	40	0.3	85
1096159	0.47	372	0.9	0.007	24.7	0.047	15.9	0.025	0.7	2.1	0.25	15	0.1	6	0.059	0.2	1	38	0.3	72

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1096160	411547	7085798	8N	0.1	1.55	25.7	10.7	1	170	0.6	0.1	0.3	11.5	26	30.5	2.83	5	0.03	0.22	20
1096161	411525	7085753	8N	0.2	1.49	22.3	4.3	2	156	0.6	0.08	0.2	9.2	26	29.7	2.86	5	0.04	0.19	21
1096163	411511	7085705	8N	0.2	1.59	20.1	4	1	157	0.5	0.08	0.3	9.6	30	27.6	2.77	5	0.04	0.15	19
1096164	411498	7085655	8N	0.05	1.5	20.1	4.6	1	117	0.5	0.08	0.2	10.4	28	27.9	2.63	4	0.02	0.15	18
1096165	411476	7085609	8N	0.2	1.12	18.4	0.8	0.5	151	0.4	0.2	0.4	10.5	25	30.2	2.49	4	0.02	0.18	19
1096166	411460	7085562	8N	0.1	1.3	15.1	10.1	0.5	161	0.3	0.12	0.3	8.8	26	25.3	2.52	4	0.02	0.11	18
1096167	411440	7085516	8N	0.05	1.44	14	3	1	139	0.3	0.1	0.1	8.2	27	23.5	2.54	4	0.03	0.08	17
1096168	411429	7085467	8N	0.05	1.56	16.1	1.5	1	116	0.3	0.06	0.2	11.5	33	33.3	2.82	4	0.02	0.13	27
1096169	411415	7085418	8N	0.05	1.49	16.8	2.2	1	94	0.4	0.07	0.1	7.2	28	21.5	2.56	5	0.04	0.1	17
1096170	411396	7085371	8N	0.05	1.52	13.7	1.3	1	126	0.3	0.09	0.3	8.8	28	25	2.56	4	0.02	0.11	20
1096171	411387	7085320	8N	0.05	1.44	14.6	2.9	1	91	0.3	0.07	0.2	7	28	19.7	2.45	5	0.03	0.08	15
1096172	411379	7085270	8N	0.05	1.39	12.5	3.1	0.5	90	0.4	0.07	0.2	6.3	26	17.1	2.22	5	0.04	0.08	16
1096173	411353	7085227	8N	0.05	1.33	10.9	1.8	0.5	77	0.3	0.07	0.1	6.4	25	15.8	2.22	4	0.03	0.07	16
1096174	411339	7085179	8N	0.1	1.2	11.6	2.7	0.5	81	0.3	0.08	0.1	8.8	22	18.9	2.26	4	0.03	0.07	15
1096175	411318	7085134	8N	0.05	1.24	10.9	8.4	0.5	89	0.2	0.06	0.2	7.4	22	16.1	2.15	4	0.03	0.06	18
1096176	411301	7085087	8N	0.05	1.18	10.2	1.2	0.5	85	0.3	0.08	0.1	7.4	23	19.3	2.13	4	0.02	0.07	18
1096177	411281	7085039	8N	0.05	1.26	12.9	4.3	0.5	69	0.3	0.05	0.1	8.7	26	14.6	2.66	5	0.02	0.04	14
1096178	411272	7084990	8N	0.05	1.26	11.2	2.1	1	85	0.3	0.07	0.1	6.2	27	18.3	2.15	5	0.04	0.04	17
1096179	411252	7084943	8N	0.05	1.17	11.4	4.3	0.5	72	0.2	0.08	0.2	6.5	28	17.9	2.14	4	0.02	0.04	18
1096188	410077	7084717	8N	0.2	1.18	15.6	3.2	0.5	167	0.2	0.32	0.2	15.6	44	31.6	3.85	4	0.03	0.17	18
1096189	409981	7084752	8N	0.2	1.65	37.8	3.5	1	220	0.2	0.42	0.5	20.6	94	70.1	4.71	6	0.02	0.36	19
1096190	409935	7084771	8N	0.2	1.41	23.7	9.8	2	166	0.2	0.31	0.5	17.2	58	42.3	3.99	5	0.03	0.27	21
1096191	409884	7084779	8N	0.2	1.3	17.7	11.9	1	232	0.3	0.22	0.4	18.3	35	32.9	3.67	4	0.04	0.13	20
1096192	409838	7084801	8N	0.2	1.56	36.8	69.3	2	238	0.2	0.75	0.7	23.5	120	46.2	5.12	6	0.05	0.31	14
1096193	409790	7084816	8N	0.4	2.5	61.4	3.4	3	273	0.2	0.46	4.2	23.4	199	25.1	5.04	7	0.04	0.14	23
1096194	409742	7084831	8N	0.2	1.41	20.1	2.9	2	221	0.3	0.3	1.1	17	36	27.8	2.97	4	0.04	0.05	25
1096195	409694	7084848	8N	0.2	1.37	13.5	2.4	1	184	0.3	0.21	0.4	16.7	39	32.5	3.33	4	0.03	0.05	28
1096196	409648	7084870	8N	0.2	1.12	12.2	1.4	0.5	112	0.3	0.25	0.5	16.2	34	39.9	3.41	3	0.04	0.05	36
1096197	409598	7084877	8N	0.2	1.1	10	2.5	0.5	100	0.4	0.25	0.4	17.4	29	41.8	3.26	3	0.03	0.05	41
1096198	409549	7084889	8N	0.1	1.35	8.5	4.7	0.5	56	0.5	0.19	0.3	27.6	33	58.1	4.36	4	0.02	0.04	43
1096199	409499	7084898	8N	0.1	0.97	10.5	1.3	0.5	106	0.2	0.22	0.3	16.1	24	31.1	2.67	3	0.03	0.04	27
1096200	409448	7084904	8N	0.1	1.21	13.2	2.6	0.5	124	0.3	0.15	0.3	20.5	27	36.3	3.48	4	0.02	0.04	31
1096202	412454	7087484	8N	0.2	2.77	109.6	7.6	0.5	134	1.9	0.35	0.2	25.4	31	67	4.25	8	0.005	0.6	39
1096203	412470	7087532	8N	0.2	2.42	78.9	9.4	0.5	169	2.1	0.28	0.1	15.5	29	48.6	3.48	7	0.02	0.32	33
1096204	412475	7087582	8N	0.2	2.72	116	13	0.5	192	3.1	0.34	0.2	18.9	31	60.4	3.75	8	0.03	0.43	38
1096205	412477	7087632	8N	0.2	2.08	32.8	3.9	0.5	142	0.8	0.16	0.1	12.7	30	39.3	3.26	6	0.04	0.2	29
1096206	412485	7087682	8N	0.2	3.01	57.9	2.8	0.5	284	0.8	0.36	0.5	45.9	34	44.7	4.87	7	0.03	0.19	32
1096207	412501	7087729	8N	0.1	2.99	86.7	3.4	0.5	162	1.1	0.15	0.2	32.1	112	62.5	4.55	9	0.04	0.27	25
1096208	412498	7087831	8N	0.1	1.78	105.7	12.6	1	126	0.9	0.04	0.2	20.2	22	57.8	5.15	5	0.04	0.26	32
1096209	412508	7087880	8N	0.1	1.73	88.4	4.4	1	109	0.7	0.05	0.3	15.2	22	46.4	4.47	5	0.02	0.21	28
1096210	412522	7087928	8N	0.05	1.02	23.4	4.4	1	50	0.3	0.16	0.3	9.2	20	21.8	2.57	2	0.04	0.06	15
1096211	412536	7087977	8N	0.2	2.11	47.6	7.3	2	132	0.7	0.08	0.05	13.7	30	48.3	5.22	6	0.05	0.13	17
1096212	412549	7088025	8N	0.2	1.82	56.7	3.4	1	119	1	0.06	0.2	12	32	37.2	3.71	6	0.06	0.09	18
1096213	412556	7088074	8N	0.1	0.98	118.2	11.5	2	81	1.2	0.11	0.3	12.4	24	41.5	2.9	3	0.03	0.12	18
1096214	412579	7088119	8N	0.1	1.28	115.4	4.7	1	131	1	0.18	0.2	14.8	30	55.3	3.36	4	0.02	0.16	20
1096215	412573	7088168	8N	1.1	1.41	1340.7	30.3	0.5	137	8.8	0.03	0.2	6.4	30	104.8	4.82	4	0.03	0.39	26

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1096160	0.48	359	0.8	0.007	23.1	0.044	15.6	0.025	0.7	2.2	0.25	15	0.1	5.9	0.057	0.3	1.1	37	0.2	74
1096161	0.46	303	0.8	0.006	21.5	0.041	15.8	0.025	0.7	2	0.25	14	0.1	4.4	0.052	0.3	1.2	37	0.2	69
1096163	0.48	324	0.9	0.005	22.8	0.04	15.6	0.025	0.7	2	0.25	13	0.1	2.9	0.05	0.3	1.3	40	0.2	71
1096164	0.46	337	0.9	0.005	24.6	0.037	15.9	0.025	1.1	1.9	0.25	12	0.1	3.2	0.046	0.2	1.3	38	0.1	68
1096165	0.42	304	1.1	0.007	26.4	0.074	14.7	0.025	1.1	2.2	0.25	17	0.1	6.4	0.062	0.2	1	39	0.2	73
1096166	0.4	231	0.9	0.005	22.4	0.053	12.5	0.025	0.9	2	0.25	11	0.1	2.7	0.046	0.2	1.2	41	0.2	68
1096167	0.41	219	1	0.004	20.2	0.049	12.5	0.025	0.8	2.1	0.25	10	0.1	2.8	0.037	0.2	1.3	42	0.2	65
1096168	0.52	261	1	0.004	26.6	0.035	22.1	0.025	2.5	2.5	0.25	11	0.1	5.5	0.043	0.2	1.6	39	0.2	95
1096169	0.43	170	0.9	0.004	19.9	0.035	15	0.025	1.2	1.7	0.25	9	0.1	2.3	0.032	0.2	1.1	40	0.2	62
1096170	0.46	202	0.8	0.005	22.7	0.044	13.8	0.025	1.2	2.4	0.25	10	0.1	3.6	0.043	0.2	1.1	39	0.2	72
1096171	0.41	171	1	0.004	17.8	0.038	13.6	0.025	0.9	1.6	0.25	8	0.1	1.2	0.03	0.2	1.1	42	0.2	57
1096172	0.35	146	0.9	0.004	16.2	0.04	14.3	0.025	0.7	1.5	0.25	8	0.1	1.5	0.026	0.2	0.9	39	0.2	52
1096173	0.37	179	1	0.004	16	0.042	12.2	0.025	0.8	1.4	0.25	7	0.1	1.2	0.03	0.2	0.8	38	0.2	56
1096174	0.33	322	0.8	0.003	18.5	0.046	14	0.025	1.3	1.3	0.25	8	0.1	1.6	0.027	0.1	0.8	33	0.2	61
1096175	0.32	257	0.8	0.003	15.4	0.042	14.3	0.025	2	1.3	0.25	7	0.1	1.3	0.023	0.1	0.8	33	0.1	55
1096176	0.36	200	0.9	0.004	18.4	0.047	13	0.025	1.3	1.4	0.25	8	0.1	1.4	0.027	0.1	0.8	34	0.1	56
1096177	0.36	348	1.1	0.004	16.8	0.051	17.7	0.025	1.4	1	0.25	7	0.1	0.5	0.019	0.1	0.7	42	0.2	52
1096178	0.36	149	0.9	0.003	17.2	0.044	17.1	0.025	1.1	0.8	0.25	7	0.1	0.4	0.017	0.1	0.9	42	0.2	48
1096179	0.41	181	1	0.003	18.8	0.044	19.7	0.025	2.2	1.1	0.25	9	0.1	1	0.019	0.05	0.7	38	0.2	53
1096188	0.69	610	1.5	0.006	39.2	0.07	25.3	0.025	3.9	3.8	0.9	50	0.1	4.8	0.059	0.2	1.2	48	0.3	101
1096189	1.14	765	1.1	0.007	68.1	0.103	20.1	0.025	6.2	5.9	1	72	0.1	5.3	0.097	0.3	1.4	72	0.3	118
1096190	0.86	633	1.1	0.008	50.1	0.089	37.7	0.025	5.3	4.3	0.25	47	0.1	6	0.081	0.3	1	60	0.3	111
1096191	0.57	1044	1.6	0.006	37.8	0.084	39.4	0.025	6.5	3.4	0.8	32	0.1	3.8	0.037	0.2	1.2	45	0.3	117
1096192	1.19	1177	1.5	0.007	80	0.088	28.3	0.11	6.1	7	1.1	137	0.1	5.5	0.096	0.4	1	88	0.2	121
1096193	1.51	844	1	0.006	78.4	0.094	145.3	0.025	25.6	9.4	0.8	62	0.1	3.9	0.128	0.4	0.6	130	0.3	218
1096194	0.57	897	1.6	0.007	39.9	0.08	60.5	0.025	13	2.9	0.25	39	0.1	2.6	0.019	0.1	1.5	40	0.2	119
1096195	0.66	817	1.4	0.005	40.8	0.071	26.5	0.025	4.2	2.7	0.8	25	0.1	4.8	0.018	0.05	1.5	40	0.2	89
1096196	0.59	435	1.4	0.006	42.7	0.07	30.1	0.025	7.1	2.8	0.8	29	0.1	10.6	0.018	0.05	2.3	34	0.2	86
1096197	0.61	374	1.1	0.007	43.4	0.075	30.4	0.025	6.4	2.3	0.25	31	0.1	14.1	0.018	0.05	2.8	27	0.2	81
1096198	0.74	579	1.6	0.005	57.1	0.075	33.8	0.025	1.9	2.6	0.25	24	0.1	18.8	0.012	0.05	3.3	25	0.05	85
1096199	0.47	485	0.9	0.006	36.9	0.072	17.1	0.025	3.1	2.5	0.25	20	0.1	9.7	0.026	0.05	2.1	30	0.2	75
1096200	0.52	433	1	0.005	46.5	0.059	25.9	0.025	5.2	2.1	0.25	16	0.1	9.6	0.018	0.05	1.9	30	0.2	88
1096202	0.96	440	1.2	0.011	39	0.056	20.6	0.025	1.4	3.6	0.25	89	0.1	16.8	0.064	0.6	3.6	39	0.5	68
1096203	0.78	369	1	0.008	27.7	0.064	17.1	0.025	1.2	3.7	0.25	42	0.1	11.2	0.068	0.3	2.8	40	0.6	77
1096204	0.9	420	0.7	0.012	29.2	0.07	18.9	0.025	1.3	4.2	0.25	65	0.1	14.2	0.075	0.4	3.6	44	0.9	72
1096205	0.61	320	0.9	0.008	27.2	0.057	14.3	0.025	1.1	2.9	0.25	29	0.1	7.3	0.06	0.2	2.1	39	0.3	77
1096206	0.86	2091	2.7	0.008	88.6	0.126	30.2	0.025	1.1	6.3	0.8	243	0.1	11.3	0.028	0.2	7.5	41	0.2	129
1096207	1.07	744	1.6	0.012	93.9	0.084	18	0.05	2.9	3.4	0.8	98	0.1	7.8	0.05	0.3	3.2	53	0.2	89
1096208	0.39	516	1.1	0.008	41.1	0.054	23.9	0.025	19.1	2.6	0.25	20	0.1	10.3	0.02	0.5	2.2	29	0.2	90
1096209	0.38	482	1.3	0.007	34.1	0.062	21.1	0.025	14.6	2.2	0.25	18	0.1	5.2	0.025	0.4	1.9	33	0.2	89
1096210	0.33	256	0.9	0.006	21.1	0.077	11.5	0.025	2.6	1.6	0.25	14	0.1	5.2	0.04	0.05	0.8	31	0.5	51
1096211	0.52	304	1.7	0.006	32.9	0.08	18.7	0.06	3.4	2.3	0.6	17	0.1	3.4	0.035	0.3	2.9	43	0.3	73
1096212	0.43	359	1.7	0.006	27.7	0.083	19.1	0.07	4.4	1.8	0.25	15	0.1	1.6	0.032	0.3	2.3	49	0.5	63
1096213	0.34	393	0.9	0.008	25.3	0.066	10.8	0.06	5.9	1.7	0.25	15	0.1	5	0.041	0.2	1.3	32	0.8	55
1096214	0.53	320	1.2	0.011	36.4	0.069	12.2	0.06	6.4	2.5	0.6	28	0.1	8.4	0.064	0.3	1.8	39	0.6	76
1096215	0.4	181	0.9	0.024	18	0.059	21.6	0.18	19.3	2.8	2.1	20	0.1	12.7	0.041	0.5	2.4	28	0.6	41

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1096216	412585	7088216	8N	0.1	1.93	211	5	0.5	131	1.8	0.05	0.2	22.9	24	53.2	4.47	5	0.03	0.25	34
1096217	412595	7088265	8N	0.05	1.47	80.1	37.1	0.5	110	0.4	0.11	0.2	9.1	22	25.1	2.88	5	0.03	0.14	25
1096218	412611	7088313	8N	0.4	1.75	198.9	4.1	1	104	1.2	0.05	0.2	6.7	31	41.5	3.6	6	0.05	0.17	22
1096219	412618	7088363	8N	0.3	1.64	432.6	6.2	0.5	108	1.9	0.02	0.1	11.8	43	92.5	4.65	5	0.02	0.43	25
1096220	412636	7088410	8N	0.2	1.55	204.9	13.6	2	118	1.3	0.11	0.2	19.9	30	57.3	3.48	5	0.03	0.22	25
1096221	412641	7088459	8N	0.1	1.39	119.5	12.6	0.5	135	0.9	0.16	0.4	13.8	26	40.1	2.98	4	0.04	0.16	23
1096222	412667	7088502	8N	0.1	1.31	34.2	8.6	0.5	155	0.3	0.1	0.1	6.9	22	20.5	2.44	4	0.03	0.09	20
1096223	412681	7088550	8N	0.05	1.31	44.1	3.9	0.5	123	0.6	0.14	0.2	10.4	22	26.4	2.57	4	0.02	0.12	20
1096224	412699	7088597	8N	0.05	1.32	47.2	8.1	0.5	122	1	0.12	0.2	8.5	22	23.2	2.42	4	0.02	0.12	20
1096225	412713	7088645	8N	0.05	1.16	66.2	9	0.5	94	2.2	0.11	0.2	5.3	20	28	2.25	4	0.04	0.09	22
1096226	412726	7088695	8N	0.1	1.16	69.9	7.5	0.5	97	1.3	0.13	0.2	7.7	20	26.1	2.3	4	0.03	0.09	17
1096227	411827	7084660	8N	0.1	1.43	16.5	3.9	0.5	165	0.3	0.15	0.2	11.4	39	29.6	3.01	4	0.05	0.08	26
1096228	411778	7084651	8N	0.05	1.39	14.5	1.8	0.5	156	0.3	0.12	0.2	12.5	29	25.3	2.81	4	0.04	0.06	21
1096229	411728	7084649	8N	0.05	1.23	14.1	9	0.5	140	0.4	0.19	0.3	11.6	32	29	2.84	4	0.04	0.08	27
1096230	411680	7084638	8N	0.3	1.62	25.2	33.6	1	315	0.4	0.25	0.3	14.9	44	34	3.6	5	0.04	0.14	25
1096231	411631	7084626	8N	0.05	1.07	12	3.6	1	129	0.2	0.12	0.3	7.7	23	18.6	2.15	4	0.04	0.05	17
1096232	411581	7084626	8N	0.05	1.24	11.9	22.5	0.5	127	0.3	0.09	0.2	7.8	24	18.9	2.51	4	0.03	0.05	16
1096233	411532	7084617	8N	0.05	1.23	12.3	4.4	0.5	117	0.3	0.11	0.05	5.5	24	15.9	2.33	5	0.02	0.05	20
1096234	411482	7084618	8N	0.05	1.06	10.8	8.6	0.5	87	0.3	0.1	0.1	4.8	23	15.8	2.07	4	0.03	0.04	19
1096235	411432	7084619	8N	0.05	1.06	9.6	12.5	0.5	113	0.2	0.11	0.1	5.1	20	13.7	1.79	4	0.03	0.04	16
1096248	407110	7077791	8N	0.05	1.39	12.6	5.4	0.5	168	0.3	0.09	0.05	11	23	43.2	2.71	4	0.03	0.04	24
1096249	407119	7077840	8N	0.05	1.17	12	1.8	0.5	142	0.2	0.1	0.1	7.9	20	21.5	2.13	3	0.03	0.03	19
1096250	407134	7077888	8N	0.1	1.39	7.4	0.9	0.5	130	0.3	0.06	0.1	14.1	21	48.6	2.63	4	0.02	0.04	31
1096251	410124	7086826	8N	0.3	1.17	19.8	16.1	1	160	0.3	0.16	0.5	12.9	32	33.9	2.95	4	0.05	0.16	23
1096252	410092	7086865	8N	0.3	1.47	18.3	7.6	0.5	189	0.4	0.13	0.4	13.1	44	35.9	3.1	5	0.04	0.16	23
1096253	410061	7086906	8N	0.2	1.61	14.7	20	0.5	219	0.3	0.1	0.4	12.9	36	32	2.93	5	0.04	0.17	21
1096254	410035	7086948	8N	0.2	1.44	15.9	10.4	0.5	231	0.3	0.15	0.4	12.2	37	30.7	2.8	5	0.04	0.17	22
1096255	410009	7086990	8N	0.2	1.43	11.3	7.6	0.5	215	0.5	0.19	0.4	10.9	40	35.3	2.65	4	0.03	0.19	21
1096256	409980	7087031	8N	0.4	1.61	14.1	16	0.5	160	0.3	0.11	0.2	9.6	40	30.4	2.8	6	0.05	0.15	19
1096257	409950	7087071	8N	0.1	1.45	11.3	8.1	0.5	158	0.8	0.14	0.2	9.5	33	31.7	2.48	5	0.04	0.14	20
1096258	409907	7087098	8N	0.2	1.71	12.8	3.1	0.5	160	0.8	0.11	0.2	8.2	33	25.1	2.71	6	0.04	0.11	18
1096259	409870	7087132	8N	0.1	1.35	13.6	32.4	1	157	0.3	0.15	0.3	9.7	27	23.9	2.54	4	0.03	0.09	20
1096260	409829	7087161	8N	0.1	1.24	15.8	6.7	0.5	107	0.3	0.13	0.2	6	25	16.8	2.27	4	0.02	0.09	16
1096261	409789	7087191	8N	0.05	1.57	20.2	5.4	0.5	128	0.5	0.11	0.2	7.5	27	17.2	2.56	5	0.03	0.08	15
1096262	409746	7087217	8N	0.1	1.6	15.1	4.4	0.5	130	0.5	0.1	0.1	5.7	30	17.7	2.47	6	0.05	0.11	16
1096263	409706	7087248	8N	0.1	1.23	14.1	0.25	0.5	125	0.4	0.1	0.2	6.5	27	14.2	2.26	6	0.04	0.08	12
1096264	409661	7087270	8N	0.05	1.43	19.2	21.3	0.5	91	0.4	0.09	0.2	6.6	26	12.7	2.68	5	0.005	0.08	15
1096265	409616	7087294	8N	0.2	1.45	11.2	3.1	2	300	0.2	0.31	0.3	8.5	25	26.7	2.28	4	0.03	0.07	22
1096266	409571	7087317	8N	0.1	2.07	25.2	5.6	0.5	229	0.4	0.29	0.2	7.9	31	30.4	2.59	7	0.03	0.09	15
1096267	409522	7087332	8N	0.2	2.1	13.6	3.9	0.5	233	0.3	0.96	0.5	9.2	27	28.5	2.3	6	0.03	0.06	17
1096268	409478	7087356	8N	0.1	2.11	14.5	3.8	2	209	0.3	1.37	0.3	9.5	26	19.6	2.16	6	0.04	0.06	16
1096269	409430	7087371	8N	0.2	1.85	15.5	2.7	2	230	0.3	1.35	0.4	9.7	24	20.8	2.22	5	0.05	0.05	16
1096270	409381	7087390	8N	0.2	1.96	41.1	4	0.5	280	0.3	0.49	0.3	9.3	29	38.1	2.54	6	0.02	0.12	17
1096271	409334	7087408	8N	0.3	1.52	12.5	3.8	0.5	149	0.2	0.19	0.2	8.7	27	65.9	2.13	4	0.05	0.06	13
1096272	409286	7087425	8N	0.3	1.6	16.6	4.1	0.5	364	0.2	0.22	0.1	8.5	31	33.6	2.51	5	0.05	0.06	15
1096273	409239	7087443	8N	0.2	1.63	25	4.4	0.5	475	0.3	0.3	0.4	9.3	30	32.3	2.31	5	0.03	0.13	18

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1096216	0.51	566	1.3	0.012	42.9	0.054	16.8	0.05	15.5	2	0.25	28	0.1	9.8	0.037	0.3	2.5	30	0.6	90
1096217	0.41	260	1	0.008	24.5	0.058	13.6	0.025	3.2	1.7	0.25	20	0.1	5.2	0.043	0.1	1.5	32	0.3	65
1096218	0.41	158	1.5	0.009	22.1	0.061	17	0.06	22.3	1.8	0.25	17	0.1	2.7	0.039	0.3	1.7	39	0.4	51
1096219	0.5	201	1.5	0.015	32.1	0.051	14.1	0.11	59	2.7	0.6	20	0.1	12	0.043	0.5	2	31	0.6	52
1096220	0.51	442	0.9	0.011	37.7	0.062	13.4	0.05	26.6	2.6	0.25	20	0.1	8.6	0.052	0.3	2.1	35	0.5	70
1096221	0.47	391	0.9	0.009	30	0.069	12.4	0.025	11.6	2.2	0.25	22	0.1	6.2	0.05	0.2	1.7	35	0.4	72
1096222	0.39	179	0.9	0.006	20.1	0.042	10.8	0.025	1.4	1.5	0.25	15	0.1	2.2	0.035	0.1	1.2	33	0.3	56
1096223	0.4	265	0.9	0.006	23.5	0.057	10.2	0.025	2.3	1.9	0.25	17	0.1	7	0.049	0.1	1.1	34	0.5	61
1096224	0.4	229	0.7	0.006	19	0.051	9.9	0.025	1.7	1.9	0.25	16	0.1	5.4	0.047	0.2	1.2	32	0.5	59
1096225	0.35	138	0.7	0.006	16.7	0.051	9	0.025	1.7	1.5	0.25	16	0.1	2.9	0.038	0.1	1.2	32	1.2	48
1096226	0.35	216	0.7	0.006	18.6	0.059	9.1	0.025	2.5	1.7	0.25	15	0.1	3.6	0.036	0.1	1.1	31	0.9	54
1096227	0.48	456	1.1	0.007	27.6	0.072	20.7	0.025	2.4	3.2	0.25	16	0.1	4.1	0.043	0.2	1.3	52	0.4	78
1096228	0.46	578	1.2	0.006	21.4	0.072	18.1	0.025	1.6	2.9	0.25	16	0.1	2.7	0.035	0.2	1.3	48	0.2	75
1096229	0.48	450	1.1	0.007	26.9	0.087	22.9	0.025	2.6	2.6	0.6	25	0.1	5.3	0.044	0.1	1.4	47	0.4	85
1096230	0.63	773	1.3	0.009	30.8	0.092	38	0.025	4.5	5.1	0.25	41	0.1	5.1	0.057	0.2	1.6	67	0.5	106
1096231	0.33	304	0.8	0.006	18.1	0.062	19.1	0.025	1.5	1.8	0.25	16	0.1	1.9	0.032	0.1	1	41	0.3	60
1096232	0.36	350	1.1	0.006	16.8	0.062	19.3	0.025	1.1	1.8	0.6	14	0.1	0.9	0.029	0.2	1.1	45	0.2	60
1096233	0.31	173	1	0.005	15.2	0.041	17.2	0.025	1.1	1.7	0.25	16	0.1	1.4	0.034	0.1	0.9	50	0.3	51
1096234	0.3	156	1	0.006	13.3	0.054	16.1	0.025	1	1.2	0.25	14	0.1	0.8	0.028	0.1	0.9	39	0.3	46
1096235	0.3	155	0.8	0.005	12.9	0.052	11.1	0.025	0.8	1.5	0.25	15	0.1	1	0.029	0.1	0.8	37	0.3	46
1096248	0.48	478	0.8	0.006	25.8	0.043	15.3	0.025	0.8	2.5	0.5	11	0.1	5.4	0.029	0.05	1	34	0.2	64
1096249	0.4	236	0.8	0.004	19.1	0.041	14.6	0.025	0.6	2	0.25	9	0.1	4	0.023	0.05	0.7	30	0.1	48
1096250	0.49	826	1.3	0.004	25.8	0.036	13.6	0.025	0.6	2.3	0.25	9	0.1	6.4	0.022	0.05	1.1	31	0.1	63
1096251	0.36	538	0.8	0.006	29.3	0.071	16.2	0.025	8.2	3.6	0.25	14	0.1	7.4	0.049	0.2	1.4	43	0.9	77
1096252	0.47	470	0.9	0.006	31.6	0.06	16.1	0.025	8.3	4.1	0.7	12	0.1	5.9	0.051	0.2	1.4	47	1	74
1096253	0.45	553	0.8	0.006	26.9	0.045	12.9	0.025	3.8	3.1	0.25	12	0.1	5.2	0.047	0.2	1.1	46	0.9	66
1096254	0.46	511	0.8	0.006	28	0.05	11.6	0.025	3.5	3.1	0.25	14	0.1	6.2	0.061	0.2	1.3	47	1.1	66
1096255	0.5	417	0.7	0.007	29.8	0.061	11.3	0.025	3.1	3.6	0.25	17	0.1	6.9	0.07	0.3	1.3	45	0.9	66
1096256	0.49	371	0.9	0.007	27	0.061	12.6	0.025	2.9	3.3	0.7	13	0.1	3.9	0.059	0.3	1.3	53	0.8	65
1096257	0.46	361	0.8	0.006	24.1	0.051	9.3	0.025	2.2	3.3	0.25	13	0.1	5	0.063	0.2	1.5	45	0.6	58
1096258	0.52	305	1.1	0.007	22.9	0.056	11.2	0.025	1.3	2.9	0.25	13	0.1	2.8	0.05	0.2	1.3	51	0.4	63
1096259	0.46	372	0.9	0.006	20	0.068	10.5	0.025	1.6	3.2	0.25	13	0.1	5.1	0.053	0.2	1.3	47	0.6	60
1096260	0.37	240	0.6	0.006	16.7	0.053	8.2	0.025	1.5	2.1	0.25	11	0.1	3.5	0.046	0.2	0.8	39	0.4	50
1096261	0.41	318	0.9	0.006	17.3	0.049	9.9	0.025	1.2	2.3	0.7	11	0.1	2.7	0.043	0.2	0.8	42	0.4	56
1096262	0.43	224	0.9	0.006	17.4	0.053	10.3	0.025	1.3	2.3	0.6	11	0.1	1.7	0.053	0.2	0.9	50	0.3	49
1096263	0.32	274	1.1	0.006	13.6	0.055	11.1	0.06	0.9	1.2	0.25	12	0.1	0.5	0.035	0.2	0.9	51	0.2	47
1096264	0.4	278	0.9	0.005	15.7	0.036	11.3	0.025	1.3	2.1	0.25	9	0.1	2.6	0.05	0.2	0.7	47	0.3	58
1096265	0.42	289	0.8	0.011	28.4	0.069	10.2	0.025	1.5	3.7	0.7	29	0.1	5.8	0.046	0.1	1.1	36	0.3	64
1096266	0.56	274	1.5	0.007	24	0.077	14	0.025	4.6	2.9	0.8	24	0.1	2.5	0.049	0.3	1	68	0.3	71
1096267	0.57	323	0.7	0.053	28.1	0.078	13	0.025	1.7	3.1	0.25	80	0.1	3.9	0.041	0.1	0.7	43	0.2	71
1096268	0.7	352	0.4	0.073	22.7	0.083	11.7	0.025	1.3	2.9	0.6	100	0.1	4	0.04	0.1	0.6	38	0.2	61
1096269	0.45	460	0.6	0.063	24	0.084	11.7	0.025	1.5	2.5	0.5	123	0.1	2.7	0.025	0.1	0.6	37	0.2	55
1096270	0.75	304	1	0.02	27.3	0.078	10.9	0.025	1.4	3.1	0.25	43	0.1	4.6	0.059	0.2	1.2	56	0.3	71
1096271	0.54	196	1.1	0.006	24	0.082	9.6	0.025	1.2	2.4	1	19	0.1	3.2	0.039	0.1	1.2	51	0.2	62
1096272	0.47	269	1.3	0.011	24.3	0.062	10.5	0.025	1.5	2.8	0.25	26	0.1	2.8	0.048	0.2	1.1	53	0.2	67
1096273	0.63	320	1.1	0.013	25.6	0.08	9.8	0.025	1.4	2.9	0.8	35	0.1	4.2	0.07	0.2	1.1	56	0.2	69

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1096274	409195	7087468	8N	0.2	2.13	29.5	5	1	245	0.4	0.25	0.2	9	35	26.1	2.48	6	0.04	0.1	17
1096275	409154	7087496	8N	0.5	2.58	54.3	2.1	0.5	375	0.8	0.77	2.6	26.1	39	92.4	3.52	8	0.005	0.3	25
1096277	409109	7087518	8N	0.6	2.6	9.7	1.3	2	333	0.6	0.86	1.5	7.6	73	89.5	1.89	11	0.02	0.25	8
1096279	409061	7087537	8N	0.3	1.46	21.3	2.5	2	375	0.3	0.23	0.4	10.7	33	25.2	2.82	5	0.03	0.11	21
1096280	409022	7087569	8N	0.1	1.27	24.1	5.1	2	306	0.4	0.27	0.2	8.1	30	19.3	2.18	4	0.02	0.17	25
1096281	408983	7087599	8N	0.05	1.4	18.7	6.3	2	141	0.3	0.13	0.1	5.7	24	13.7	2.04	5	0.02	0.08	19
1096282	408940	7087626	8N	0.05	1.59	37.7	8.4	1	191	0.7	0.22	0.1	7.8	34	20.8	2.35	6	0.01	0.17	23
1096283	408900	7087656	8N	0.05	1.41	24.4	8.1	2	174	0.5	0.2	0.1	7	31	21.1	2.15	5	0.02	0.14	26
1096284	414225	7089080	8N	0.05	1.21	9.5	1.6	0.5	94	0.2	0.09	0.1	9.9	23	27.3	2.24	3	0.01	0.04	20
1096285	414223	7089131	8N	0.05	1.54	11.1	5.8	1	204	0.4	0.14	0.3	9.4	26	30.9	2.48	4	0.02	0.09	30
1096286	414231	7089182	8N	0.05	1.41	17.9	2.7	0.5	90	0.5	0.09	0.2	9.6	24	20.9	2.62	4	0.02	0.06	24
1096287	412985	7087318	8N	0.05	1.66	11.1	1.4	1	101	0.3	0.1	0.1	20.8	24	27.4	2.94	5	0.02	0.15	25
1096288	412925	7087317	8N	0.1	1.42	18.6	5.1	0.5	134	0.4	0.12	0.3	15	21	27	2.86	4	0.03	0.09	32
1096289	412874	7087310	8N	0.05	1.99	17	4.3	0.5	157	0.6	0.08	0.2	15.7	29	42.7	3.51	6	0.04	0.19	32
1096290	412822	7087307	8N	0.1	1.77	12.4	3.8	0.5	114	0.4	0.08	0.2	12.9	27	32.8	3.15	6	0.02	0.13	28
1096291	412771	7087303	8N	0.1	2.06	17.7	9.2	0.5	208	0.6	0.28	0.2	27	22	37.4	3.19	6	0.02	0.26	35
1096292	412721	7087293	8N	0.3	2.24	9.6	5.5	0.5	106	1.4	0.04	0.05	6.9	33	68	5.22	7	0.005	0.54	52
1096293	412671	7087294	8N	0.4	2.71	10.9	2.6	0.5	115	0.9	0.03	0.2	16.1	34	99.6	5.79	7	0.005	0.58	35
1096294	412618	7087290	8N	0.2	2.53	84.9	3.7	0.5	139	2	0.38	0.3	40.4	28	56	4.24	7	0.01	0.52	43
1096295	412569	7087277	8N	0.05	1.49	38.1	2.8	0.5	99	0.6	0.21	0.3	25.7	21	30.4	2.39	5	0.03	0.17	26
1096296	412517	7087280	8N	0.05	1.38	19.1	2.6	1	133	0.3	0.09	0.2	11.2	22	21.9	2.5	4	0.03	0.08	20
1096297	412466	7087274	8N	0.05	1.41	23.1	3	0.5	129	0.3	0.09	0.2	11.6	23	19.3	2.49	4	0.02	0.1	19
1096298	412418	7087254	8N	0.05	1.64	14.4	1.9	0.5	178	0.3	0.09	0.2	9.5	24	20.2	2.86	5	0.01	0.1	21
1096299	412370	7087236	8N	0.05	1.45	10.5	7.5	1	137	0.4	0.11	0.3	13.7	26	33.9	3.08	4	0.03	0.17	24
1096300	412332	7087201	8N	0.05	1.54	13.9	2.3	2	108	0.5	0.08	0.2	10.5	24	24.8	2.79	4	0.03	0.11	19
1096301	409399	7084904	8N	0.05	1.01	9.2	11.4	0.5	136	0.3	0.11	0.2	13	20	32.8	3.05	3	0.03	0.04	32
1096302	409348	7084910	8N	0.05	0.92	9.6	16.1	0.5	98	0.2	0.21	0.3	8.4	23	21	2.31	3	0.05	0.04	19
1096303	409300	7084919	8N	0.05	1.05	9.2	4	0.5	110	0.2	0.17	0.3	7.8	23	22.1	2.13	3	0.04	0.04	19
1096305	409250	7084921	8N	0.05	1	7.7	3.3	0.5	137	0.1	0.17	0.2	7	22	20.5	1.92	3	0.03	0.04	19
1096306	409201	7084927	8N	0.1	1.16	15.3	8.1	2	120	0.3	0.21	0.3	15.4	21	38.5	4.29	4	0.03	0.15	19
1096307	409150	7084931	8N	0.2	1.78	20	4.7	1	164	0.2	0.56	0.2	20.1	31	59.8	5.35	6	0.04	0.22	21
1096309	409101	7084939	8N	0.1	1.11	20.2	5.4	2	200	0.1	0.39	0.3	14.1	47	38.5	3.34	4	0.06	0.11	18
1096310	409051	7084924	8N	0.05	1.55	14.3	7.2	0.5	308	0.2	0.22	0.2	10.5	29	22.3	2.82	5	0.04	0.05	15
1096311	408951	7084923	8N	0.05	1.38	19.7	7	2	143	0.3	0.32	0.5	20.3	30	42.2	4.8	4	0.03	0.15	19
1096312	408902	7084916	8N	0.2	1.4	19.9	4.1	2	166	0.2	0.37	0.5	17.6	35	40.9	4.34	5	0.04	0.15	15
1096313	408858	7084940	8N	0.2	1.66	27.4	8.3	1	142	0.2	0.28	0.3	18	36	47.7	5.09	5	0.05	0.16	18
1096314	408814	7084968	8N	0.2	1.49	22.3	3.6	1	227	0.2	0.32	0.3	22	76	35.5	3.67	5	0.05	0.07	17
1096315	408770	7084993	8N	0.1	1.12	9.4	2.3	0.5	165	0.2	0.18	0.2	11.1	37	25.3	2.64	4	0.04	0.05	23
1096316	408721	7084993	8N	0.2	0.99	9.9	9.5	0.5	177	0.4	0.18	0.3	12	22	31.6	2.66	3	0.04	0.05	21
1096317	408671	7084989	8N	0.1	1.03	16.7	2.5	0.5	129	0.3	0.21	0.4	15.8	25	32.3	3.39	3	0.02	0.06	32
1096321	409260	7082563	8N	0.05	1.23	9.4	1	0.5	108	0.2	0.05	0.1	11.7	23	27.7	2.67	4	0.02	0.03	27
1096322	409217	7082538	8N	0.05	1.32	8.5	1.8	0.5	77	0.2	0.08	0.2	8.5	23	25.3	2.53	4	0.02	0.03	19
1096323	409175	7082506	8N	0.05	1.19	7.8	2.4	0.5	80	0.2	0.07	0.05	6.5	19	19.7	2.32	3	0.04	0.03	21
1096324	409131	7082481	8N	0.05	1.28	8.1	3.2	1	84	0.2	0.08	0.05	9.9	18	23.7	2.69	4	0.03	0.03	27
1096325	409086	7082459	8N	0.05	1.36	7.4	3.1	1	77	0.2	0.11	0.2	10.1	18	22.6	2.81	4	0.04	0.03	24
1096326	409042	7082435	8N	0.05	1.65	5.8	1.5	0.5	100	0.2	0.07	0.1	12.5	15	20.2	3.14	5	0.03	0.02	24

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1096274	0.66	254	1	0.01	21.7	0.067	11.9	0.025	1.2	3.1	0.25	30	0.1	3.7	0.058	0.3	1.9	59	0.3	56
1096275	1.08	452	1.9	0.005	37	0.187	84.9	0.025	1.2	8.1	0.6	80	0.1	11.2	0.037	0.3	3.4	72	0.1	199
1096277	3.11	222	9.5	0.02	55.9	0.075	14.8	0.025	2.3	4.5	1.3	50	0.1	8	0.099	0.5	2.7	312	0.1	185
1096279	0.55	363	1.4	0.007	25.5	0.072	20.9	0.025	5.2	3.3	0.6	25	0.1	5	0.052	0.2	1.2	50	0.3	78
1096280	0.56	302	0.6	0.009	17.5	0.072	10.6	0.025	1.5	3.1	0.25	26	0.1	9.9	0.095	0.3	2.2	44	0.8	56
1096281	0.38	198	0.7	0.005	12.6	0.05	9.5	0.025	1	2.1	0.25	14	0.1	3.3	0.046	0.2	1.3	42	0.4	42
1096282	0.53	247	0.9	0.007	16	0.065	10.8	0.025	1.7	3.2	0.6	22	0.1	7.6	0.085	0.3	3	48	0.7	47
1096283	0.51	209	0.7	0.007	16	0.067	9.7	0.025	1.2	2.9	0.25	18	0.1	8.7	0.086	0.3	2.4	43	0.5	50
1096284	0.42	240	1	0.004	21.7	0.049	8.8	0.025	0.9	2	0.25	9	0.1	6.2	0.023	0.1	1.4	26	0.2	53
1096285	0.52	230	0.8	0.005	27.2	0.052	9.9	0.025	1	2.9	0.25	14	0.1	8.1	0.039	0.4	1.5	37	0.1	61
1096286	0.4	341	1.2	0.004	16.4	0.056	16.6	0.025	1.9	1.3	0.25	12	0.1	2.9	0.02	0.2	1.6	38	0.1	48
1096287	0.65	360	0.6	0.006	36.5	0.048	11	0.025	1.2	1.5	0.25	13	0.1	7.6	0.021	0.3	1.6	31	0.2	50
1096288	0.53	336	1	0.012	27.6	0.07	22.9	0.025	1.1	1.8	0.25	37	0.1	7.6	0.029	0.05	1.8	30	0.3	78
1096289	0.67	338	1.4	0.013	34.5	0.062	20.9	0.09	1.3	2.3	0.25	67	0.1	5.7	0.036	0.2	1.9	41	0.2	81
1096290	0.56	352	1.2	0.012	26.9	0.076	17.8	0.06	1.4	1.8	0.25	42	0.1	4.6	0.033	0.1	1.7	39	0.2	75
1096291	0.76	502	0.8	0.01	42.6	0.08	26.8	0.025	1.3	3.4	0.25	68	0.1	11.4	0.068	0.3	2.7	36	0.2	86
1096292	0.97	223	1.9	0.023	24	0.074	26.2	0.26	1.6	3	0.7	97	0.1	26.3	0.07	0.4	3.8	34	0.2	75
1096293	1.05	389	2.8	0.012	37.1	0.066	39	0.21	1.9	3.8	0.7	65	0.1	19.3	0.046	0.3	4	46	0.1	115
1096294	0.83	613	0.7	0.01	53.7	0.069	21	0.025	1.3	4.1	0.25	91	0.1	16.3	0.052	0.4	4.8	41	0.7	86
1096295	0.44	601	0.7	0.008	28.3	0.055	35.2	0.025	1.2	2	0.25	82	0.1	7.8	0.03	0.1	1.7	29	0.5	63
1096296	0.45	341	0.6	0.005	22.1	0.031	11.5	0.025	0.8	1.9	0.25	12	0.1	5.9	0.043	0.1	1	34	0.4	61
1096297	0.47	314	0.7	0.005	22.5	0.041	11.7	0.025	0.7	2	0.25	14	0.1	4.1	0.039	0.1	1	35	0.3	63
1096298	0.47	350	0.9	0.006	21.1	0.062	14.4	0.025	1.1	2.1	0.25	15	0.1	2	0.033	0.2	1.3	43	0.3	65
1096299	0.54	264	0.9	0.006	31	0.057	9.9	0.025	1	2.4	0.25	18	0.1	7.8	0.062	0.2	1.6	39	0.2	70
1096300	0.47	359	0.8	0.005	23.4	0.049	13.2	0.025	1	2.4	0.25	14	0.1	4.5	0.042	0.2	1.3	39	0.3	69
1096301	0.41	397	0.9	0.005	26.2	0.058	27.8	0.025	4.4	1.7	0.25	13	0.1	6.8	0.022	0.05	1.6	29	0.2	79
1096302	0.36	304	0.9	0.005	22.7	0.078	11.9	0.025	1.1	1.7	0.25	16	0.1	4	0.037	0.05	0.9	40	0.5	63
1096303	0.38	263	0.7	0.005	21.2	0.065	10.6	0.025	0.9	1.9	0.25	14	0.1	3	0.029	0.05	0.9	34	0.3	58
1096305	0.36	203	0.6	0.005	19.5	0.062	9	0.025	0.8	1.8	0.25	14	0.1	2.5	0.034	0.05	0.8	33	0.2	50
1096306	0.46	874	3.4	0.007	32.3	0.085	23.8	0.06	3.4	2.9	0.7	47	0.1	4.3	0.042	0.2	1.1	44	0.2	125
1096307	1.31	1040	1.1	0.007	29.7	0.162	13.8	0.025	3.5	8.4	0.25	87	0.1	5.9	0.064	0.3	0.7	102	0.2	73
1096309	0.72	694	1.1	0.01	40	0.102	9.9	0.025	1.8	5.3	0.25	52	0.1	5.4	0.057	0.2	0.8	58	0.4	70
1096310	0.47	462	1	0.008	24.1	0.058	14.9	0.025	1.2	2.9	0.25	25	0.1	2.9	0.034	0.1	1	51	0.3	62
1096311	0.68	735	1.5	0.009	44.1	0.094	30.4	0.025	5.3	3.5	0.5	68	0.1	5.3	0.058	0.2	1.2	51	0.5	118
1096312	0.77	803	1.2	0.009	42.1	0.082	30	0.025	8.3	3.8	0.25	47	0.1	2.7	0.031	0.3	1.2	38	0.1	117
1096313	0.91	727	1.2	0.005	44.1	0.073	26.3	0.025	8.9	3.7	0.25	44	0.1	3.8	0.036	0.2	1.3	42	0.2	109
1096314	0.78	1024	1.6	0.007	68.9	0.092	21.7	0.05	7.9	4.7	0.25	46	0.1	3.1	0.028	0.2	1	48	0.2	101
1096315	0.49	207	1.3	0.005	34.1	0.065	16.4	0.025	2.7	2.7	0.25	21	0.1	5.7	0.021	0.1	1	34	0.2	67
1096316	0.36	542	1.9	0.005	31	0.069	16.5	0.025	2.1	2.3	0.25	20	0.1	3.8	0.021	0.1	1.1	30	0.3	75
1096317	0.46	493	1.1	0.005	38.1	0.071	32.1	0.025	6.5	2.2	0.25	27	0.1	8.8	0.023	0.05	1.5	30	0.2	90
1096321	0.45	288	0.7	0.003	28	0.04	18.3	0.025	2.5	1.5	0.25	9	0.1	5	0.01	0.05	1.2	28	0.1	62
1096322	0.48	204	0.9	0.004	21.6	0.046	14.4	0.025	0.9	1.4	0.25	9	0.1	3.5	0.014	0.05	1	34	0.2	56
1096323	0.41	154	0.8	0.003	16.3	0.044	14.2	0.025	1	1.1	0.25	9	0.1	3.4	0.012	0.05	1	29	0.1	50
1096324	0.45	257	0.7	0.003	21	0.049	13.5	0.025	1.6	1.6	0.25	10	0.1	5.6	0.015	0.05	1.2	28	0.1	58
1096325	0.51	298	0.7	0.003	20.7	0.059	12.5	0.025	1.2	1.8	0.25	13	0.1	5.7	0.016	0.05	1.1	31	0.1	60
1096326	0.62	301	0.6	0.003	22.9	0.054	10.8	0.025	1.2	1.5	0.25	9	0.1	2.2	0.01	0.05	1.1	36	0.05	65

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1096327	408996	7082414	8N	0.05	1.04	8.1	3	0.5	182	0.2	0.11	0.3	12.2	16	26.2	2.29	3	0.04	0.03	23
1096328	408954	7082386	8N	0.05	1.5	7.9	2.9	0.5	116	0.2	0.07	0.2	17.7	20	24.7	3.37	4	0.03	0.03	28
1096329	408911	7082361	8N	0.05	1.11	8.4	3	1	108	0.2	0.07	0.1	8.6	19	22.1	2.21	3	0.04	0.03	21
1096330	408866	7082338	8N	0.05	1.08	11.5	2.8	0.5	116	0.2	0.08	0.05	5.8	17	20.4	2.05	3	0.04	0.03	15
1096331	408821	7082316	8N	0.05	1.09	10	3.2	0.5	138	0.2	0.09	0.2	9.3	20	21.1	2.17	3	0.03	0.03	17
1096332	408778	7082288	8N	0.05	1.17	8.7	2.2	0.5	85	0.2	0.07	0.05	7.4	21	17.9	2.24	3	0.03	0.03	17
1096333	408732	7082263	8N	0.05	1.24	10.4	1.7	0.5	118	0.2	0.09	0.2	7	21	17.5	2.43	4	0.04	0.04	19
1096334	408691	7082236	8N	0.05	1.3	10.1	2.2	0.5	75	0.2	0.05	0.05	9.4	20	25.7	3.05	4	0.03	0.03	28
1096335	408647	7082211	8N	0.05	1.24	9.3	2.5	1	226	0.2	0.12	0.2	11.6	21	27.2	2.33	4	0.04	0.04	20
1096336	408604	7082184	8N	0.05	1.07	10.2	7.2	1	115	0.2	0.09	0.1	10.1	18	26.3	2.55	3	0.04	0.03	17
1096337	408559	7082160	8N	0.05	1.27	15.3	0.25	0.5	120	0.2	0.06	0.2	9.1	20	22.2	2.66	4	0.04	0.04	21
1096338	408517	7082135	8N	0.05	1.23	10.1	0.9	0.5	117	0.2	0.09	0.05	7	19	17.3	2.19	4	0.04	0.04	17
1096339	408472	7082110	8N	0.05	1.14	10.7	5.3	0.5	98	0.2	0.08	0.05	7.7	19	20.3	2.59	4	0.04	0.03	21
1096340	408431	7082082	8N	0.05	1.06	8.6	1.6	0.5	91	0.2	0.06	0.1	6.3	17	14.1	2.11	4	0.03	0.03	21
1096347	414742	7074049	8N	0.3	1.17	56.8	14.3	2	146	0.5	0.4	1	14.4	24	31	2.58	4	0.09	0.11	22
1096348	414761	7074004	8N	0.6	1.19	208.8	32.8	2	140	0.5	0.2	1	11.3	24	30	2.64	4	0.06	0.09	22
1096349	414781	7073958	8N	0.2	1.54	276.4	37.6	2	117	0.4	0.23	0.2	12.9	26	29.3	2.89	5	0.04	0.21	23
1096350	414801	7073912	8N	0.2	1.72	218.8	17.7	2	165	0.6	0.3	0.5	14.4	27	39.8	2.84	5	0.08	0.1	19
1096351	405420	7080553	8N	0.05	0.96	7.7	1.9	0.5	47	0.3	0.04	0.05	3.5	16	18.8	2.31	4	0.04	0.03	26
1096352	405452	7080513	8N	0.05	1.23	8.5	1	0.5	72	0.3	0.06	0.1	5.6	19	28.2	2.57	4	0.02	0.03	30
1096353	405482	7080474	8N	0.1	1.02	8.6	2.7	0.5	61	0.3	0.05	0.1	8.2	18	29.3	2.57	3	0.01	0.03	41
1096354	405514	7080435	8N	0.05	1.27	10.8	2.9	0.5	85	0.3	0.06	0.1	6.5	20	31.9	2.61	4	0.02	0.03	30
1096355	405546	7080397	8N	0.3	1.12	9.1	2.1	0.5	67	0.3	0.05	0.1	4.9	20	28.4	2.53	4	0.05	0.04	21
1096356	405596	7080402	8N	0.05	0.97	9.9	2.8	0.5	58	0.4	0.05	0.1	7.5	18	36.1	3.26	3	0.02	0.03	45
1096357	405643	7080419	8N	0.05	0.99	9.3	0.25	0.5	54	0.3	0.07	0.1	6	18	28.7	2.67	4	0.02	0.03	35
1096358	405689	7080436	8N	0.05	0.93	8.5	0.5	0.5	98	0.3	0.05	0.1	4.9	17	24	2.4	3	0.02	0.04	25
1096359	405738	7080451	8N	0.05	1	9.8	4.9	0.5	61	0.2	0.11	0.3	7.4	18	26.1	2.31	3	0.04	0.03	23
1096360	405785	7080468	8N	0.05	1.02	12	2.3	0.5	70	0.3	0.08	0.1	9.1	19	29.1	2.8	4	0.02	0.03	37
1096361	405831	7080484	8N	0.05	1.01	11.2	2.5	0.5	70	0.2	0.08	0.1	7.4	20	25.4	2.53	4	0.02	0.03	27
1096362	405879	7080501	8N	0.05	1	9.9	8.4	0.5	73	0.2	0.07	0.1	7.3	20	25.2	2.48	4	0.02	0.03	29
1096363	405927	7080517	8N	0.05	1.06	9	1.3	1	70	0.2	0.08	0.05	6.8	18	19	2.22	3	0.03	0.03	27
1096364	405974	7080533	8N	0.05	0.91	10.1	3.5	0.5	76	0.2	0.07	0.1	6.3	19	21.2	2.2	3	0.03	0.03	21
1096365	406020	7080549	8N	0.05	0.84	11.2	2.3	0.5	72	0.2	0.09	0.2	8.5	18	24.7	2.19	3	0.02	0.03	21
1096366	406067	7080567	8N	0.05	1.46	14.9	4.5	0.5	115	0.2	0.08	0.2	10.4	24	21.7	2.57	4	0.04	0.04	16
1096367	406114	7080581	8N	0.2	0.97	36.2	11.8	0.5	63	0.3	0.04	0.2	15	18	24.9	3.36	3	0.03	0.03	33
1096368	406164	7080575	8N	0.05	0.93	38.3	3.7	0.5	117	0.3	0.05	0.05	14.4	16	36.2	3.05	3	0.01	0.03	28
1096369	406214	7080571	8N	0.05	1.3	19.9	10.5	0.5	86	0.2	0.07	0.05	11.1	21	22.9	2.59	4	0.03	0.03	16
1096370	406263	7080566	8N	0.1	1.23	17.8	4.4	0.5	162	0.7	0.09	0.05	12.2	19	43.1	3.3	4	0.02	0.03	29
1096371	406313	7080560	8N	0.05	1.2	12.3	0.9	1	62	0.2	0.1	0.05	7.1	23	11.7	2.84	4	0.02	0.03	12
1096372	406362	7080554	8N	0.05	1.14	31.8	10.2	2	65	0.3	0.06	0.2	13.9	19	24.5	2.73	4	0.02	0.04	26
1096373	406408	7080532	8N	0.3	1.44	21.7	3	0.5	208	0.2	0.17	0.1	10.8	25	33.9	2.6	4	0.05	0.04	20
1096374	406454	7080513	8N	0.2	1.02	16.4	3.8	0.5	110	0.3	0.12	0.2	14	17	32.8	2.71	3	0.01	0.03	26
1096375	406500	7080494	8N	0.1	1.35	16.2	2.9	0.5	132	0.3	0.09	0.1	10.7	23	29.9	2.59	4	0.03	0.04	29
1096377	406546	7080473	8N	0.2	1.38	15.7	2.2	0.5	89	0.3	0.09	0.2	9.2	24	33.1	2.84	4	0.03	0.03	27
1096378	406591	7080452	8N	0.2	1.57	14.6	3.1	0.5	101	0.4	0.08	0.1	7.3	27	31.6	2.87	5	0.04	0.03	25
1096380	406636	7080429	8N	0.05	0.53	223.5	25.6	0.5	35	0.3	0.03	0.05	4.8	9	15.3	1.81	5	0.005	0.03	33

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1096327	0.4	361	0.7	0.003	26.4	0.05	11.9	0.025	0.9	2.4	0.25	10	0.1	6.4	0.02	0.05	1.1	27	0.2	60
1096328	0.55	408	0.9	0.004	29.1	0.058	17.9	0.025	1.2	1.6	0.25	10	0.1	3.9	0.013	0.05	1.5	35	0.05	71
1096329	0.37	219	0.7	0.004	19.1	0.047	11	0.025	0.9	1.6	0.25	9	0.1	2.9	0.016	0.05	1.6	29	0.2	51
1096330	0.32	130	0.7	0.003	15.8	0.041	12.5	0.025	1.2	1.1	0.25	8	0.1	1.2	0.011	0.05	1	28	0.1	45
1096331	0.39	245	0.7	0.004	20.2	0.043	12	0.025	1.4	1.8	0.25	9	0.1	3.2	0.018	0.05	1.2	29	0.1	54
1096332	0.38	200	0.8	0.004	16.5	0.044	12.2	0.025	0.9	1.3	0.25	9	0.1	1.8	0.014	0.05	1.2	34	0.1	51
1096333	0.36	228	0.9	0.004	15	0.047	12.2	0.025	0.8	1.9	0.25	9	0.1	1.6	0.019	0.05	0.9	35	0.2	51
1096334	0.46	234	1.1	0.004	20.3	0.044	16.1	0.025	1.6	2.1	0.25	11	0.1	5.2	0.021	0.05	1.3	34	0.1	62
1096335	0.41	358	0.7	0.01	21.9	0.051	12.2	0.025	0.9	3.1	0.25	14	0.1	4.3	0.025	0.05	1.3	34	0.2	60
1096336	0.32	306	0.8	0.004	21.3	0.05	11.7	0.025	1	2.5	0.25	9	0.1	4	0.015	0.05	1.4	32	0.1	55
1096337	0.39	291	0.8	0.004	20.9	0.035	19.4	0.025	2	3	0.25	9	0.1	4.7	0.018	0.05	1.2	31	0.2	66
1096338	0.35	202	0.8	0.005	16	0.046	13.1	0.025	1.2	2.1	0.25	11	0.1	2.4	0.014	0.05	1.1	30	0.2	50
1096339	0.32	182	1	0.004	18.2	0.042	16	0.025	2.6	1.8	0.25	9	0.1	2.7	0.016	0.05	1.1	30	0.2	55
1096340	0.27	144	0.7	0.006	13.6	0.037	13	0.025	1.4	1.7	0.25	8	0.1	2.3	0.013	0.05	0.9	28	0.1	45
1096347	0.45	849	0.8	0.019	32.8	0.079	20.6	0.025	0.9	2.7	0.6	37	0.1	8	0.051	0.3	1.1	38	0.9	152
1096348	0.42	1321	0.8	0.006	27.7	0.064	57.9	0.025	1	2.8	0.25	18	0.1	6.8	0.04	0.2	1.4	37	0.8	204
1096349	0.53	1132	0.6	0.009	32.1	0.053	13.9	0.025	1.1	2.8	0.25	24	0.1	9.2	0.051	0.3	1.3	32	0.8	82
1096350	0.51	473	1.1	0.021	31.7	0.09	14.4	0.06	0.9	2.3	0.9	37	0.1	2.8	0.033	0.2	1.6	39	0.7	109
1096351	0.28	125	1.1	0.005	8.9	0.062	14.1	0.025	0.4	0.5	0.25	9	0.1	0.6	0.013	0.1	0.9	34	0.05	35
1096352	0.38	163	0.7	0.004	14.9	0.047	13.5	0.025	0.5	1.3	0.25	9	0.1	4.3	0.016	0.05	1.2	29	0.1	52
1096353	0.39	213	0.9	0.003	14.6	0.039	12.6	0.025	0.4	1.3	0.25	10	0.1	11.3	0.016	0.05	1.4	25	0.1	56
1096354	0.39	176	1	0.004	17.8	0.046	13.5	0.025	0.6	1.4	0.25	9	0.1	3	0.021	0.05	1.6	32	0.2	60
1096355	0.29	169	1.2	0.005	12.9	0.087	14.9	0.1	0.5	0.8	0.25	8	0.1	0.7	0.012	0.05	1.5	35	0.1	44
1096356	0.36	187	1.1	0.003	18.7	0.047	12.9	0.025	0.5	1.7	0.25	9	0.1	12.5	0.019	0.05	1.6	27	0.1	60
1096357	0.34	188	1	0.003	15	0.044	11.5	0.025	0.5	1.5	0.25	9	0.1	7.3	0.022	0.05	1.2	29	0.2	57
1096358	0.29	156	0.9	0.006	14.1	0.055	11.1	0.08	0.5	1	0.25	8	0.1	1.3	0.017	0.05	1.1	31	0.2	47
1096359	0.31	225	0.8	0.004	19.4	0.062	10.1	0.025	0.6	1.7	0.25	9	0.1	5.1	0.024	0.1	1	32	0.2	60
1096360	0.32	317	1.1	0.003	22.5	0.056	13.5	0.025	0.5	1.2	0.25	9	0.1	2.8	0.02	0.05	1.3	32	0.1	60
1096361	0.34	243	0.8	0.004	19.3	0.047	11.1	0.025	0.5	1.6	0.25	8	0.1	4.7	0.023	0.05	1	33	0.2	58
1096362	0.32	208	0.8	0.003	19.3	0.051	11	0.05	0.5	1.1	0.25	9	0.1	1.6	0.019	0.05	1.1	30	0.1	53
1096363	0.35	230	0.7	0.004	17	0.038	10.1	0.025	0.5	1.5	0.25	8	0.1	3.8	0.024	0.05	1	29	0.2	49
1096364	0.28	215	1	0.004	16.6	0.043	10.3	0.025	0.5	1.1	0.25	8	0.1	1.3	0.018	0.05	0.9	35	0.2	49
1096365	0.26	296	0.6	0.003	21.1	0.048	11.7	0.025	0.6	1.5	0.25	9	0.1	3.3	0.018	0.05	0.9	28	0.1	55
1096366	0.37	359	1.1	0.005	19.9	0.052	15.4	0.025	0.8	2.2	0.25	10	0.1	2.7	0.025	0.1	1.2	39	0.2	54
1096367	0.24	411	1.1	0.004	29.5	0.037	26.1	0.025	1.6	1.5	0.25	6	0.1	7.1	0.013	0.05	1.4	28	0.1	78
1096368	0.29	365	0.8	0.004	34.3	0.033	17.2	0.025	1.1	2.2	0.25	7	0.1	8.2	0.016	0.05	1.6	27	0.05	66
1096369	0.39	308	0.9	0.005	22	0.04	13.9	0.025	0.8	1.9	0.5	9	0.1	4.3	0.021	0.05	0.9	33	0.1	54
1096370	0.45	246	1.1	0.004	21.9	0.044	36.6	0.025	0.6	2.2	0.25	14	0.1	15.1	0.015	0.05	3.1	25	0.05	69
1096371	0.36	303	0.7	0.004	15	0.039	14	0.025	0.8	1.8	0.25	9	0.1	3.4	0.034	0.05	0.6	38	0.1	45
1096372	0.36	344	1.1	0.006	30.5	0.038	19.4	0.025	1.1	1.5	0.25	8	0.1	4.2	0.028	0.05	1.5	33	0.2	64
1096373	0.5	498	0.9	0.009	22	0.081	15.1	0.025	1	3.5	0.25	16	0.1	5.2	0.037	0.05	1.9	40	0.2	79
1096374	0.38	431	0.8	0.005	29.5	0.063	19	0.025	2.5	1.9	0.25	12	0.1	9.4	0.027	0.05	1.5	25	0.1	76
1096375	0.39	306	0.9	0.006	22	0.05	19	0.025	1.3	2.7	0.25	13	0.1	4.1	0.026	0.1	1.5	36	0.2	69
1096377	0.46	236	0.9	0.005	22.6	0.056	38.1	0.025	1.6	1.7	0.25	11	0.1	4.9	0.021	0.05	1.5	32	0.2	72
1096378	0.44	194	1.2	0.006	16.3	0.069	25.6	0.025	1.5	1.4	0.25	12	0.1	1.4	0.014	0.1	1.8	39	0.1	57
1096380	0.06	84	1.2	0.003	10.6	0.028	17.4	0.025	31.3	0.7	0.25	7	0.1	3.2	0.026	0.1	0.7	41	0.1	38

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1096381	406682	7080411	8N	0.05	1.16	16.4	4.5	0.5	120	0.3	0.09	0.05	9.2	17	24	2.36	4	0.03	0.03	28
1096382	406728	7080391	8N	0.05	1.06	15.3	4.6	0.5	100	0.2	0.07	0.1	7.7	19	20.1	2.2	3	0.03	0.03	25
1096383	406774	7080371	8N	0.1	1.2	14.8	28.4	0.5	99	0.2	0.09	0.2	11.8	21	25.9	2.56	3	0.03	0.04	21
1096384	406817	7080349	8N	0.1	1.17	14	1.6	0.5	106	0.3	0.08	0.05	7.5	19	22.8	2.64	3	0.03	0.04	30
1096385	406864	7080329	8N	0.05	1.41	13.7	1.6	0.5	86	0.3	0.05	0.05	9.8	21	29.8	2.94	4	0.03	0.04	42
1096387	408005	7076672	8N	0.1	1.19	15.8	4.9	1	58	0.2	0.09	0.3	6.1	23	14.7	2.53	4	0.04	0.04	13
1096388	408048	7076696	8N	0.3	0.38	23.2	5.1	0.5	91	0.2	0.62	0.1	13.6	7	28	3.18	1	0.02	0.08	53
1096389	408092	7076719	8N	0.2	0.56	120.6	10.4	0.5	67	0.4	0.05	0.2	10.6	10	24.8	2.84	2	0.02	0.04	38
1096390	408132	7076751	8N	0.05	1.79	20.2	3	2	74	0.2	0.07	0.2	10.2	27	18.5	2.9	4	0.04	0.04	14
1096391	408157	7076794	8N	0.2	1.29	838	807.2	0.5	82	0.5	0.12	0.1	21.9	20	37.9	3.62	4	0.04	0.05	23
1096392	408187	7076834	8N	0.2	1.28	739.6	477.1	0.5	129	0.5	0.09	0.3	20.5	21	69.4	3.82	4	0.05	0.05	28
1096393	408216	7076875	8N	0.2	0.9	28.6	6.1	1	90	0.2	0.17	1.2	6	13	12.2	1.8	3	0.03	0.05	21
1096394	408244	7076916	8N	0.05	0.79	49.8	68.3	0.5	62	0.2	0.09	0.4	9.9	13	15.4	2.65	3	0.03	0.06	16
1096395	408271	7076959	8N	0.8	0.63	33.3	30.4	1	64	0.3	0.08	2.2	10.2	11	22.5	2.85	2	0.02	0.06	34
1096396	408297	7077002	8N	0.05	0.93	11.6	6	0.5	54	0.2	0.09	0.2	5.4	17	19.1	1.91	3	0.03	0.03	15
1096397	408326	7077043	8N	0.05	0.96	28.2	6.8	0.5	87	0.2	0.05	0.2	8	17	17.9	2.88	3	0.04	0.05	24
1096398	408354	7077084	8N	0.05	1.01	21.4	5.2	2	72	0.2	0.03	0.6	16.3	14	32.8	3.59	3	0.02	0.06	48
1096399	413431	7070996	8N	0.05	1.11	13.8	2.8	1	93	0.2	0.08	0.2	7.7	20	21.4	2.32	3	0.03	0.04	17
1096400	413412	7071042	8N	0.1	1.04	15.3	9.8	1	85	0.2	0.07	0.05	9.1	20	25.4	2.26	3	0.03	0.03	21
1096401	405436	7080385	8N	0.05	1.14	11	2.1	0.5	86	0.3	0.06	0.2	5.2	20	22.1	2.48	4	0.03	0.03	21
1096402	405472	7080350	8N	0.05	1.21	8.4	36.4	0.5	51	0.3	0.03	0.05	4	18	32.2	2.79	4	0.02	0.02	44
1096403	405511	7080318	8N	0.05	1.17	8.6	1.8	0.5	61	0.3	0.05	0.1	5	18	25.3	2.5	4	0.02	0.03	29
1096404	405545	7080280	8N	0.05	1.09	8.1	1.6	0.5	60	0.3	0.05	0.05	3.9	20	22.5	2.51	4	0.02	0.03	27
1096405	405583	7080246	8N	0.05	0.83	7.8	7.5	0.5	61	0.2	0.12	0.2	5.5	18	25.6	2.31	3	0.03	0.03	25
1096406	405619	7080210	8N	0.05	0.87	7.9	3.1	0.5	67	0.2	0.06	0.2	4.9	17	22.4	2.2	3	0.02	0.03	25
1096407	405663	7080185	8N	0.1	1.11	9.1	2.1	0.5	64	0.2	0.06	0.2	5.2	21	21.6	2.34	4	0.04	0.03	26
1096408	405699	7080150	8N	0.1	1	8.4	5.8	0.5	77	0.2	0.06	0.2	5.5	20	14.1	2.03	4	0.05	0.03	14
1096409	405737	7080115	8N	0.05	0.96	10.6	0.25	1	54	0.2	0.06	0.1	5.9	20	15.8	2.83	5	0.03	0.03	21
1096410	405774	7080080	8N	0.05	0.98	8.5	1	1	67	0.2	0.05	0.1	4.7	18	15.1	1.99	3	0.03	0.03	25
1096411	405807	7080043	8N	0.05	0.96	8	1	1	131	0.2	0.12	0.3	7.5	19	23.9	2.14	3	0.03	0.04	26
1096413	405848	7080015	8N	0.05	1.32	7.7	1.2	2	112	0.3	0.07	0.1	8.5	22	27.4	2.5	4	0.02	0.04	39
1096414	405891	7079987	8N	0.05	0.98	7.8	1.5	0.5	271	0.1	0.19	0.2	7.4	19	24.2	2.07	3	0.03	0.04	26
1096415	405930	7079956	8N	0.05	1.01	6.2	4	2	122	0.2	0.13	0.2	9.7	19	23.6	2.2	3	0.01	0.04	35
1096416	405966	7079920	8N	0.05	1.71	11	2.7	1	186	0.3	0.16	0.2	13.2	21	22.4	2.79	4	0.005	0.09	34
1096417	406003	7079887	8N	0.05	1.27	11.3	2.9	2	101	0.3	0.09	0.1	9.8	22	22.2	2.54	4	0.01	0.05	25
1096418	406042	7079855	8N	0.05	1.23	8.8	0.8	0.5	107	0.3	0.09	0.05	7.1	22	17.1	2.32	4	0.03	0.06	25
1096419	406080	7079823	8N	0.05	1.12	10.8	0.6	1	104	0.2	0.12	0.1	8.4	34	18.3	2.29	4	0.03	0.06	22
1096420	406115	7079790	8N	0.05	1.26	11.1	19.6	2	102	0.2	0.1	0.05	7.9	25	17.2	2.35	4	0.03	0.05	19
1096421	406153	7079755	8N	0.3	1.12	7.3	0.5	1	216	0.2	0.11	1	16.8	21	13.9	1.8	5	0.03	0.07	18
1096422	406194	7079726	8N	0.05	1.65	16.4	1.2	0.5	146	0.4	0.11	0.1	19.4	25	45.4	3.46	4	0.02	0.09	60
1096423	406232	7079692	8N	0.1	1.42	16.7	0.7	1	121	0.3	0.11	0.05	9.9	24	24.8	2.69	4	0.02	0.06	24
1096425	406272	7079663	8N	0.05	1.32	18.3	14.6	1	128	0.4	0.12	0.05	11.1	30	46	2.55	4	0.03	0.05	39
1096426	406316	7079639	8N	0.2	1.27	16.1	1.3	1	105	0.3	0.12	0.05	10.8	24	36.3	2.52	4	0.02	0.06	28
1096427	406361	7079618	8N	0.1	1.4	26.6	0.25	2	128	0.3	0.56	0.2	15.1	31	26.6	3.46	4	0.02	0.03	40
1096428	406392	7079579	8N	0.05	2.39	3.3	1.7	0.5	200	0.3	0.72	0.1	15	49	33.8	4.23	8	0.005	0.63	79
1096429	406424	7079538	8N	0.1	1.11	4.9	1.5	0.5	128	0.2	0.35	0.05	8.9	20	20.3	2.87	4	0.02	0.28	49

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1096381	0.3	199	0.9	0.004	18.8	0.054	18	0.025	5.1	1.7	0.25	9	0.1	2.5	0.02	0.1	1.1	33	0.1	51
1096382	0.29	193	0.8	0.004	16.5	0.042	16.5	0.025	5.3	1.6	0.25	9	0.1	2.3	0.015	0.1	1	32	0.1	49
1096383	0.32	348	0.8	0.004	23.6	0.062	14.2	0.025	2.6	2.3	0.25	9	0.1	3.9	0.016	0.05	1.1	33	0.1	64
1096384	0.28	130	0.8	0.005	16.4	0.044	17.8	0.025	2.7	1.5	0.25	11	0.1	2.6	0.016	0.1	1.2	29	0.1	49
1096385	0.4	165	1	0.005	23.6	0.046	17.4	0.025	1.4	1.5	0.5	9	0.1	5.3	0.012	0.05	1.5	29	0.1	66
1096387	0.33	215	0.9	0.004	15.7	0.042	38.1	0.025	0.9	1.6	0.25	9	0.1	2.1	0.025	0.1	0.5	40	0.3	53
1096388	0.05	349	0.3	0.003	22.4	0.033	21.9	0.025	0.4	1.7	0.25	23	0.1	19	0.001	0.2	1	7	0.05	67
1096389	0.05	629	1	0.003	25.2	0.051	29.8	0.025	1.4	0.7	0.25	5	0.1	2.8	0.002	0.1	0.7	14	0.05	58
1096390	0.36	417	1	0.005	18.9	0.035	15.3	0.025	0.7	2	0.6	9	0.1	4.8	0.024	0.05	0.6	43	0.1	49
1096391	0.41	1563	3	0.004	24.1	0.06	21.1	0.025	1.4	2.2	0.25	17	0.1	10.6	0.013	0.05	1.4	23	0.1	63
1096392	0.45	1298	1.9	0.004	28.7	0.049	18.2	0.025	1.1	2.4	0.25	16	0.2	10.1	0.017	0.05	1.9	25	0.1	74
1096393	0.24	662	0.6	0.004	15.5	0.032	49.6	0.025	1.6	1.1	0.25	13	0.1	3	0.008	0.1	0.9	20	0.05	113
1096394	0.18	345	0.8	0.004	18.8	0.055	30.2	0.025	0.7	1.1	0.25	6	0.1	3.6	0.005	0.05	0.9	18	0.2	66
1096395	0.11	483	2.1	0.004	20.7	0.04	62.2	0.025	2.8	1.2	0.5	22	0.1	6.2	0.006	0.2	1.2	10	0.05	184
1096396	0.26	154	0.7	0.003	13.8	0.043	15	0.025	0.8	1.1	0.25	7	0.1	0.9	0.012	0.05	0.8	24	0.1	42
1096397	0.19	361	0.8	0.003	17.7	0.03	30.8	0.025	1.2	1.7	0.7	7	0.1	6.8	0.012	0.1	0.8	26	0.1	64
1096398	0.34	750	0.6	0.002	34.3	0.025	39.7	0.025	1.3	1.7	0.25	5	0.1	13.5	0.002	0.1	1	13	0.05	109
1096399	0.34	324	0.9	0.004	18.6	0.051	13.1	0.025	1	1.5	0.25	8	0.1	2.3	0.021	0.05	1.1	34	0.3	56
1096400	0.36	352	0.9	0.004	19.6	0.055	14.7	0.025	1.3	1.3	0.25	8	0.1	3.4	0.013	0.05	1.5	26	0.3	52
1096401	0.37	209	1.1	0.003	14.7	0.042	11.3	0.025	0.6	1.5	0.25	9	0.1	2.4	0.016	0.05	1	30	0.1	51
1096402	0.43	172	1	0.002	11.8	0.036	11.9	0.025	0.4	1.4	0.25	8	0.1	7.3	0.013	0.05	1.6	22	0.05	52
1096403	0.4	199	1	0.003	13.3	0.038	10.7	0.025	0.5	1.3	0.25	7	0.1	4.6	0.016	0.05	1.1	27	0.05	55
1096404	0.37	180	1.1	0.003	12.7	0.04	10	0.025	0.6	1.1	0.25	8	0.1	2.5	0.016	0.05	1	29	0.1	51
1096405	0.33	198	1	0.004	16.5	0.057	9	0.025	0.7	1.6	0.25	11	0.1	6	0.026	0.05	1	27	0.2	55
1096406	0.32	189	0.7	0.003	13.2	0.034	8.4	0.025	0.6	1.5	0.25	7	0.1	5.2	0.019	0.05	1	24	0.1	45
1096407	0.33	190	1	0.003	14.8	0.053	10.1	0.025	0.5	1.3	0.25	7	0.1	2	0.017	0.05	1.1	30	0.1	48
1096408	0.3	285	0.8	0.004	11.6	0.05	9.7	0.025	0.6	0.9	0.25	7	0.1	0.6	0.016	0.05	0.8	34	0.1	48
1096409	0.3	224	1.1	0.004	12.5	0.035	12.2	0.025	0.6	1.2	0.6	7	0.1	3.4	0.029	0.05	0.7	38	0.2	45
1096410	0.3	189	0.7	0.003	12.2	0.03	9.8	0.025	0.4	1.2	0.25	6	0.1	3.1	0.016	0.05	0.8	26	0.1	40
1096411	0.37	305	0.8	0.004	20.2	0.048	10	0.025	0.6	2	0.25	11	0.1	4.7	0.027	0.05	1.2	28	0.2	60
1096413	0.48	247	0.8	0.003	21.4	0.046	13.2	0.025	0.4	1.5	0.25	8	0.1	2.8	0.017	0.1	1.3	28	0.2	59
1096414	0.41	283	0.7	0.005	20.9	0.055	8.6	0.025	0.6	2.3	0.25	17	0.1	6	0.044	0.05	1	34	0.2	55
1096415	0.43	335	0.5	0.004	21.5	0.048	10.4	0.025	0.4	1.7	0.25	12	0.1	6.9	0.028	0.05	0.9	25	0.1	55
1096416	0.7	654	0.5	0.004	27	0.072	18.3	0.025	0.4	2.4	0.25	16	0.1	9.8	0.043	0.1	1.2	30	0.05	72
1096417	0.41	375	0.8	0.006	22	0.051	13.9	0.025	0.6	1.9	0.25	11	0.1	7.8	0.037	0.05	1	35	0.2	61
1096418	0.34	219	0.7	0.005	17.6	0.037	14.1	0.025	0.4	2	0.25	11	0.1	3.5	0.032	0.1	0.9	37	0.1	46
1096419	0.41	311	0.8	0.005	18.5	0.048	12.1	0.025	0.4	2	0.25	12	0.1	3.1	0.032	0.05	0.8	38	0.2	56
1096420	0.38	244	0.8	0.005	17.4	0.038	13.4	0.025	0.5	2.1	0.25	10	0.1	4.3	0.033	0.05	0.9	34	0.2	51
1096421	0.21	2258	1	0.005	11.7	0.044	14.2	0.025	0.3	0.9	0.25	14	0.1	0.4	0.024	0.1	0.5	39	0.05	48
1096422	0.56	555	0.7	0.004	41.5	0.037	32.6	0.025	0.2	2.2	0.25	18	0.1	17.2	0.013	0.1	1.6	25	0.05	75
1096423	0.44	256	0.9	0.005	22.9	0.032	14.8	0.025	0.4	1.7	0.25	14	0.1	6.9	0.016	0.1	0.8	35	0.1	55
1096425	0.49	421	0.8	0.004	28.5	0.035	14	0.025	0.4	1.8	0.25	14	0.1	11.6	0.016	0.05	0.9	25	0.1	55
1096426	0.46	398	0.7	0.005	25.2	0.039	12.4	0.025	0.3	1.5	0.25	15	0.1	9	0.023	0.05	0.8	27	0.1	54
1096427	0.44	637	0.9	0.003	44.7	0.056	20	0.025	0.2	3.6	0.25	36	0.1	9.6	0.005	0.3	0.8	30	0.1	60
1096428	0.98	661	0.2	0.012	37.4	0.074	31.5	0.025	0.1	4.4	0.25	23	0.1	23.5	0.106	0.5	1.5	36	0.05	97
1096429	0.44	279	0.3	0.005	25.9	0.041	22.4	0.025	0.2	1.8	0.25	24	0.1	15.8	0.059	0.3	1	18	0.05	57

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1096430	406459	7079500	8N	0.2	2.74	38.1	11.6	2	258	0.2	0.8	0.4	26.5	82	79.8	4.53	10	0.02	0.31	70
1096433	406486	7079468	8N	0.3	0.85	61.4	52.6	0.5	64	0.3	0.15	0.4	10.5	18	18.4	2.22	3	0.02	0.04	19
1096437	409183	7082895	8N	0.05	1.32	12.6	6.2	0.5	80	0.4	0.05	0.05	8.5	20	28.9	2.88	4	0.03	0.04	35
1096444	408826	7082873	8N	0.05	1.11	6.9	2.4	0.5	100	0.3	0.07	0.2	10.6	18	27.5	2.59	4	0.03	0.03	36
1096445	408776	7082871	8N	0.05	1.18	8	2.1	0.5	75	0.2	0.08	0.1	6.2	19	18.2	2.19	4	0.02	0.04	25
1096446	408724	7082866	8N	0.05	1.25	7	1.4	0.5	88	0.2	0.08	0.05	5.9	20	16.5	2.04	4	0.02	0.04	22
1096447	408674	7082867	8N	0.05	1.15	7.7	2.2	0.5	81	0.2	0.06	0.2	7.9	20	16.8	2.1	4	0.02	0.03	21
1096448	408674	7082867	8N	0.05	1.26	7.5	1.1	1	88	0.2	0.07	0.1	8	22	17.8	2.18	4	0.04	0.04	23
1096449	408624	7082870	8N	0.05	1.28	7.5	20.3	0.5	106	0.2	0.09	0.1	8.8	22	22	2.21	4	0.03	0.03	26
1096450	408572	7082868	8N	0.05	1.22	7.5	2.1	0.5	107	0.2	0.08	0.1	7.3	21	20.5	2.15	4	0.02	0.03	25
1096451	408522	7082873	8N	0.05	1.37	6.3	0.25	1	98	0.2	0.08	0.2	8.1	25	22.8	2.33	4	0.03	0.03	26
1096452	408471	7082876	8N	0.05	1.33	6.2	0.25	2	83	0.2	0.08	0.1	7.3	22	18.1	2.14	4	0.04	0.03	23
1096453	408420	7082880	8N	0.05	1.33	8.4	1.7	0.5	82	0.2	0.07	0.2	8.2	23	24.7	2.51	4	0.03	0.03	24
1096454	408370	7082884	8N	0.3	1.7	10.3	3.7	0.5	146	0.3	0.13	0.05	11.3	27	27.5	2.65	5	0.05	0.03	22
1096455	408319	7082893	8N	0.05	1.37	8	1.3	1	149	0.2	0.09	0.1	10	23	25.3	2.57	4	0.02	0.03	31
1096456	408268	7082890	8N	0.05	1.27	7	0.9	0.5	126	0.2	0.11	0.1	8.4	21	19.7	2.25	4	0.03	0.03	28
1096457	408217	7082893	8N	0.05	1.5	10.2	2.9	1	178	0.2	0.18	0.1	10.8	26	28.2	2.62	4	0.03	0.06	26
1096458	408165	7082892	8N	0.05	1.13	9.5	5.4	1	84	0.2	0.09	0.1	6.5	24	18.3	2.16	4	0.03	0.03	26
1096459	408113	7082895	8N	0.05	1.11	10	1.6	0.5	99	0.2	0.08	0.05	7.8	22	21.7	2.32	3	0.02	0.03	25
1096460	408064	7082897	8N	0.05	1.05	21.8	4.2	2	182	0.2	0.13	0.2	8.2	20	23.8	2.38	3	0.02	0.04	24
1096461	408013	7082902	8N	0.05	1.71	11.9	2	0.5	214	0.1	0.19	0.2	13.7	20	24.4	3.46	5	0.02	0.03	27
1096462	407961	7082899	8N	0.05	1.69	11.5	3.8	0.5	159	0.2	0.15	0.2	12.3	21	22.8	2.98	5	0.03	0.04	22
1096463	407910	7082907	8N	0.05	1.29	10.2	2.3	0.5	130	0.2	0.11	0.2	6.7	27	15.1	2.3	4	0.03	0.04	20
1096464	407860	7082920	8N	0.05	1.26	10.5	2.3	0.5	276	0.2	0.11	0.2	10.1	22	23.5	2.42	4	0.04	0.05	21
1096465	407810	7082924	8N	0.05	1.07	9.7	3.9	0.5	107	0.2	0.09	0.05	5.7	19	15.3	2.09	4	0.03	0.03	19
1096466	407760	7082934	8N	0.05	1.07	9.1	0.6	0.5	137	0.2	0.12	0.2	7.5	20	19.1	2.09	3	0.03	0.04	22
1096467	407709	7082941	8N	0.05	1.13	9.4	2.4	0.5	120	0.2	0.11	0.1	7.5	21	19.2	2.21	4	0.02	0.05	21
1096468	407658	7082947	8N	0.05	1.26	9.6	7.3	0.5	105	0.2	0.1	0.2	7.3	30	20.1	2.46	4	0.03	0.04	22
1096469	407608	7082952	8N	0.05	1.68	12.8	1.5	0.5	84	0.2	0.07	0.1	6.8	22	11.6	2.58	4	0.03	0.05	11
1096470	407560	7082965	8N	0.1	1.34	14.1	2.7	0.5	98	0.4	0.06	0.4	9.9	21	32	3.41	4	0.01	0.05	31
1096471	414605	7084620	8N	0.2	1.24	12.3	3	1	180	0.4	0.14	0.9	9.7	49	14.2	3.15	5	0.04	0.09	30
1096473	409500	7088737	8N	0.3	1.47	182.3	10.1	1	245	1.3	1.34	0.4	8.1	21	31.3	2.02	4	0.09	0.06	15
1096474	409497	7088688	8N	0.2	1.88	36	5.3	4	258	0.4	1.66	0.5	10	23	22.2	2.08	5	0.05	0.05	15
1096475	409499	7088636	8N	0.3	2.01	51.1	4.2	1	258	0.7	1.18	0.9	10.1	28	32	2.21	6	0.04	0.15	14
1096476	409500	7088586	8N	0.3	2.21	36.4	8.3	0.5	234	0.4	1.14	0.5	9.6	30	36.2	2.19	6	0.03	0.16	13
1096477	409499	7088536	8N	0.2	1.82	18	4.1	0.5	304	0.3	0.86	0.2	8.8	30	29.9	2	5	0.05	0.06	13
1096478	409498	7088487	8N	0.8	1.62	38.8	4.1	0.5	222	0.5	0.64	1.5	8.4	31	50.1	2.19	5	0.06	0.12	17
1096479	409499	7088437	8N	0.2	1.61	39.7	5.5	0.5	160	0.8	1.2	0.5	8.2	24	33.3	1.95	5	0.04	0.06	14
1096480	409501	7088384	8N	0.2	2	32.1	2	0.5	224	0.4	1.22	0.3	8.5	28	27.1	2.04	6	0.05	0.09	13
1096481	409501	7088335	8N	0.5	1.43	224.4	18.7	1	123	1.7	1.24	0.3	10.9	20	68.8	2.02	4	0.03	0.05	17
1096482	409501	7088287	8N	0.05	1.87	7.5	2.8	3	131	0.1	2.7	0.2	6.2	24	12	1.39	5	0.04	0.09	12
1096483	409502	7088186	8N	0.2	1.72	44.9	3.3	2	199	0.6	2.45	0.3	6.6	20	26.8	1.52	5	0.05	0.06	11
1096484	409506	7088084	8N	0.2	1.19	42.4	50.7	0.5	195	0.7	0.48	0.2	6.9	24	28.1	1.86	4	0.04	0.09	22
1096485	409497	7088037	8N	0.1	1.04	11.4	32.2	0.5	182	0.3	0.22	0.2	5.7	21	15.3	1.58	3	0.03	0.08	18
1096486	409498	7087986	8N	0.2	1.78	30.9	7.1	1	454	0.8	0.44	0.5	10.5	32	18.2	2.49	6	0.04	0.13	32
1096487	409499	7087936	8N	0.2	1.15	21.7	4.9	0.5	317	0.4	0.31	0.3	7.6	27	19.3	2.11	4	0.05	0.11	28

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1096430	2.34	767	1.3	0.004	58.8	0.123	24.8	0.025	0.1	8.3	0.7	33	0.1	10.4	0.09	0.3	1.4	118	0.05	93
1096433	0.4	525	0.7	0.003	19.9	0.055	32.9	0.025	0.9	1.1	0.25	11	0.1	4.5	0.013	0.05	1.3	19	0.5	88
1096437	0.49	248	0.9	0.004	16.5	0.055	54.3	0.025	10.2	1.2	0.25	14	0.1	4.4	0.013	0.05	1.9	27	0.1	62
1096444	0.46	311	0.9	0.003	20.9	0.047	18.6	0.025	1	1.3	0.25	12	0.1	6.1	0.015	0.05	1.6	24	0.05	65
1096445	0.4	193	0.7	0.003	15.8	0.047	13.3	0.025	0.9	1.4	0.25	11	0.1	2.2	0.021	0.05	1.1	31	0.2	54
1096446	0.4	154	0.7	0.004	15.8	0.043	12.6	0.025	0.7	1.2	0.25	11	0.1	1	0.017	0.05	1.1	33	0.1	50
1096447	0.41	223	0.7	0.004	16	0.04	20.4	0.025	2.1	1.3	0.25	8	0.1	2.1	0.015	0.05	1.2	29	0.1	56
1096448	0.44	230	0.7	0.004	16.5	0.041	21.8	0.025	2.3	1.5	0.25	10	0.1	1.7	0.02	0.05	1.1	32	0.1	58
1096449	0.43	230	0.7	0.004	18.6	0.047	15.1	0.025	1.8	1.8	0.25	9	0.1	4.2	0.019	0.05	1.4	32	0.1	60
1096450	0.43	198	0.7	0.004	18	0.044	16.9	0.025	2.2	1.6	0.25	9	0.1	3.1	0.015	0.05	1.2	30	0.05	54
1096451	0.51	220	0.8	0.004	21	0.047	13.6	0.025	1.1	2.2	0.25	9	0.1	3.2	0.019	0.05	1.3	34	0.2	57
1096452	0.46	182	0.8	0.004	19.2	0.041	11.5	0.025	0.9	1.9	0.25	9	0.1	3.3	0.02	0.05	1	32	0.1	52
1096453	0.49	202	0.9	0.003	21.3	0.048	16.8	0.025	1.7	1.6	0.6	10	0.1	3.4	0.016	0.05	1.3	32	0.1	63
1096454	0.48	175	0.9	0.006	28.5	0.066	25.3	0.025	1.7	1.9	1.4	15	0.1	2.2	0.009	0.05	2.3	34	0.1	66
1096455	0.51	296	0.8	0.005	22.3	0.044	14.3	0.025	1.6	2	0.7	12	0.1	5.1	0.019	0.05	1.6	30	0.1	69
1096456	0.45	227	0.7	0.004	18.5	0.046	12.7	0.025	1.1	1.4	0.25	12	0.1	2.4	0.016	0.05	1.3	29	0.1	57
1096457	0.49	332	0.9	0.006	27.9	0.071	13.4	0.025	1.1	2.9	0.25	16	0.1	6.4	0.034	0.05	2	41	0.2	69
1096458	0.42	196	0.9	0.004	17.4	0.04	13.2	0.025	1	1.3	0.25	10	0.1	2.8	0.017	0.05	1.1	29	0.1	52
1096459	0.37	226	0.9	0.004	19.4	0.038	16	0.025	1.7	1.5	0.25	9	0.1	4.3	0.014	0.05	1.5	27	0.1	53
1096460	0.4	258	0.8	0.005	20	0.044	14	0.025	6.4	2.4	0.25	12	0.1	7.2	0.019	0.05	1.4	28	0.1	57
1096461	0.71	574	0.7	0.004	27.1	0.096	14.5	0.025	4.6	3.7	0.25	23	0.1	4.8	0.019	0.05	1.5	42	0.05	67
1096462	0.58	471	0.9	0.005	24.2	0.077	12.9	0.025	2.9	3.4	0.25	16	0.1	3.9	0.024	0.05	1.6	41	0.1	68
1096463	0.45	225	0.7	0.005	14.9	0.049	16.8	0.025	3	2.2	0.25	12	0.1	2.5	0.027	0.05	1.2	38	0.1	64
1096464	0.44	432	0.8	0.005	19.6	0.043	17.8	0.025	2.4	2.9	0.7	13	0.1	4.8	0.024	0.05	1.7	35	0.1	68
1096465	0.34	176	0.8	0.004	14.3	0.04	19.2	0.025	2.6	1.5	0.25	9	0.1	2.6	0.018	0.05	1	31	0.1	52
1096466	0.37	252	0.9	0.005	16.8	0.044	15.2	0.025	1.9	2.1	1	11	0.1	3.8	0.026	0.05	1.2	32	0.1	56
1096467	0.38	274	0.9	0.005	18.4	0.036	13.5	0.025	1.7	2.1	0.5	12	0.1	3.9	0.03	0.05	0.9	34	0.1	60
1096468	0.47	211	0.9	0.005	19.2	0.049	14.3	0.025	1.3	1.9	0.25	12	0.1	2.3	0.018	0.05	1.1	39	0.1	55
1096469	0.3	326	1.2	0.004	17	0.041	27.5	0.025	1	1.9	0.25	9	0.1	3.9	0.026	0.1	0.7	42	0.1	58
1096470	0.42	342	1.3	0.005	21	0.053	52.6	0.025	4	1.9	0.25	13	0.1	13.9	0.016	0.1	2.5	27	0.1	96
1096471	0.44	998	6.2	0.006	24	0.047	58.6	0.025	10.6	4	0.5	33	0.1	8.5	0.069	0.1	0.9	66	0.3	101
1096473	0.45	325	0.6	0.046	20.6	0.055	11.4	0.08	1	1.8	0.25	56	0.1	2.5	0.027	0.2	0.8	32	0.7	52
1096474	0.5	396	0.5	0.072	24.1	0.061	12.8	0.05	1.1	2.4	0.25	73	0.1	2.4	0.032	0.1	0.7	35	0.3	92
1096475	0.77	305	1	0.088	26.1	0.082	15.8	0.025	1.2	2.7	0.7	72	0.1	4.3	0.048	0.2	1.5	62	0.4	102
1096476	0.83	224	0.8	0.098	26.3	0.058	11.2	0.025	1.2	2.8	0.7	72	0.1	3.5	0.052	0.2	1.5	58	0.4	89
1096477	0.65	358	0.7	0.032	20.3	0.089	9.6	0.06	1.4	2.3	0.6	43	0.1	2	0.03	0.2	2.2	52	0.1	60
1096478	0.64	361	1.1	0.025	24.3	0.11	20.9	0.025	6.3	2.7	0.6	43	0.1	3.5	0.037	0.2	2.8	56	0.3	104
1096479	0.65	374	0.4	0.053	20	0.052	8.8	0.025	1.2	2	0.25	65	0.1	2.6	0.034	0.2	0.9	32	0.5	51
1096480	0.76	413	0.5	0.066	18.5	0.076	9.1	0.09	1.3	2.3	0.25	77	0.1	2.6	0.043	0.3	0.9	35	0.3	49
1096481	0.41	300	0.5	0.069	16.6	0.065	11.2	0.06	1.5	2.1	0.7	85	0.1	2.9	0.027	0.1	1.4	30	1.6	41
1096482	0.54	303	0.3	0.137	13.2	0.068	9.1	0.09	0.4	1.5	0.25	137	0.1	2.4	0.045	0.1	0.7	25	0.7	37
1096483	0.68	332	0.4	0.063	14.9	0.049	9.3	0.11	0.8	1.4	0.6	96	0.1	1.6	0.036	0.2	1.2	24	0.4	35
1096484	0.47	214	0.9	0.019	18	0.083	9.2	0.025	2.8	2.6	0.25	31	0.1	5.6	0.044	0.2	3.5	36	1.7	57
1096485	0.41	201	0.8	0.008	14.7	0.067	8.2	0.025	0.9	1.9	0.25	17	0.1	6.1	0.041	0.2	3.9	29	0.6	54
1096486	0.52	599	1.5	0.011	20.4	0.088	12.4	0.025	1.6	3.2	0.25	39	0.1	8.3	0.053	0.4	5.2	48	1.1	86
1096487	0.44	348	1.1	0.01	18.2	0.08	9.7	0.025	1.2	2.7	0.25	27	0.1	8.5	0.055	0.3	3.7	39	0.6	65

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1096488	409500	7087887	8N	0.05	1.05	17.2	7.2	0.5	216	0.3	0.23	0.2	6.4	24	14.9	1.92	4	0.02	0.09	18
1096489	409500	7087839	8N	0.1	1.25	23.6	15.8	0.5	206	0.5	0.21	0.2	7.6	23	14.9	2.08	4	0.03	0.08	16
1096490	409500	7087789	8N	0.1	1.27	23.4	14.3	0.5	216	0.5	0.21	0.2	6.9	24	16.4	1.96	4	0.04	0.08	20
1096491	409499	7087738	8N	0.2	1.64	45.7	7.7	0.5	328	0.7	0.31	0.2	7.6	29	22.2	2.42	5	0.05	0.13	24
1096492	409499	7087687	8N	0.2	1.38	44.2	11.2	0.5	254	0.6	0.26	0.2	6.9	27	22.9	2.16	5	0.03	0.15	24
1096493	409488	7087638	8N	0.05	1.42	29.8	3	0.5	125	0.4	0.25	0.1	5.4	24	13.7	2.1	5	0.02	0.06	13
1096494	409498	7087588	8N	0.1	1.49	24.9	3.6	0.5	263	0.3	0.62	0.3	9.2	25	21.5	2.08	5	0.02	0.06	14
1096495	409499	7087538	8N	0.2	1.58	60.6	7.6	0.5	219	0.4	1.11	0.4	8.6	25	26.5	1.97	5	0.04	0.07	16
1096496	409499	7087486	8N	0.1	1.3	63.2	11.9	0.5	181	0.4	1.29	0.4	8.9	20	24.2	1.9	4	0.03	0.06	14
1096498	409497	7087386	8N	0.1	1.53	15.4	2.7	1	193	0.3	0.75	0.2	8.5	24	18.2	2.12	4	0.04	0.05	13
1096499	409496	7087336	8N	0.2	1.83	12	4.4	0.5	180	0.3	0.76	0.3	7.3	22	16.9	1.89	5	0.03	0.04	14
1096500	409500	7087289	8N	0.2	1.67	20.9	3	0.5	236	0.4	0.63	0.4	9	23	22	2.05	5	0.03	0.07	17
1097001	411382	7084623	8N	0.05	1.25	11	2.4	0.5	92	0.2	0.11	0.1	6.8	23	20.3	2.15	4	0.04	0.04	18
1097002	411332	7084621	8N	0.05	1.18	9.7	1.5	1	99	0.2	0.14	0.2	6.2	22	19.6	2.09	4	0.03	0.05	18
1097004	411283	7084620	8N	0.05	1.33	9.6	2.2	0.5	91	0.2	0.12	0.1	6.5	23	25.4	2.19	4	0.04	0.05	17
1097005	411232	7084622	8N	0.05	1.33	9.6	2.8	1	94	0.4	0.1	0.2	14.6	23	42.9	3.02	4	0.02	0.07	28
1097006	411183	7084624	8N	0.05	1.29	10.1	2.7	0.5	81	0.3	0.1	0.2	10.1	22	27.9	2.93	4	0.04	0.06	24
1097007	411132	7084623	8N	0.1	1.02	13.4	15.9	0.5	108	0.2	0.15	0.3	12.7	19	32.4	2.32	3	0.03	0.07	24
1097008	411082	7084620	8N	0.3	1.54	23.4	6.2	0.5	158	0.5	0.09	0.2	14.4	24	47.9	3.44	5	0.04	0.09	30
1097009	411032	7084619	8N	0.05	1.08	14.2	2.3	1	104	0.2	0.12	0.3	13.3	23	23.6	2.55	4	0.04	0.06	16
1097010	410982	7084615	8N	0.05	1.61	13.7	8	2	99	0.3	0.12	0.3	13.9	30	28.5	3.04	5	0.08	0.07	19
1097011	410933	7084618	8N	0.4	1.27	20.3	3	0.5	58	0.7	0.05	0.3	31	12	94.2	4.98	3	0.02	0.07	61
1097012	410882	7084620	8N	0.05	1.2	13.5	5.9	1	79	0.3	0.09	0.2	11	22	27.1	2.73	4	0.02	0.04	29
1097013	410833	7084624	8N	0.2	0.89	14.6	9	2	133	0.3	0.16	0.6	12.5	21	29.8	2.59	3	0.04	0.08	23
1097014	410783	7084631	8N	0.2	1.7	12.1	5.6	1	112	0.6	0.44	0.3	29.6	114	52.9	5.21	6	0.02	0.3	50
1097015	410732	7084632	8N	0.2	1.63	16.1	20.1	1	154	0.5	0.43	0.4	28.9	86	42.4	5.25	6	0.04	0.38	34
1097016	410682	7084631	8N	0.2	1.36	10.6	5.3	1	206	0.3	0.54	0.5	20.6	66	45.8	3.9	5	0.04	0.28	34
1097017	410632	7084633	8N	0.3	1.58	10.2	3.3	2	242	0.4	0.44	0.3	22	79	38.3	4.32	5	0.07	0.29	26
1097018	410582	7084629	8N	0.2	2.24	20	3.7	1	218	0.3	0.91	0.6	35.2	119	59.9	6.59	8	0.04	0.62	40
1097019	410533	7084622	8N	0.2	2.34	23.9	2.4	0.5	189	0.4	0.51	0.4	33.5	162	56.9	6.28	8	0.02	0.57	40
1097020	410483	7084616	8N	0.05	1.58	15.7	21.4	2	155	0.3	0.24	0.2	16.4	46	40	3.7	5	0.03	0.12	25
1097022	410432	7084610	8N	0.05	1.14	10.5	4.1	0.5	97	0.2	0.11	0.2	7.3	24	22.1	2.23	4	0.03	0.04	21
1097023	410383	7084614	8N	0.05	1.01	10.6	8.4	0.5	75	0.3	0.1	0.1	5.4	23	19.2	1.96	4	0.03	0.04	18
1097024	410333	7084622	8N	0.1	1.07	10.5	4.8	1	156	0.3	0.38	0.2	11.3	33	34.1	3.08	3	0.07	0.09	22
1097025	410282	7084628	8N	0.4	1.75	31.4	6.1	0.5	168	0.6	0.41	0.5	27.7	92	59	5.97	6	0.04	0.48	56
1097026	410233	7084631	8N	0.4	1.25	33.2	11.4	0.5	166	0.7	0.19	0.8	14.6	27	32.5	3.45	3	0.07	0.1	27
1097027	404322	7078499	8N	0.05	0.93	19.9	9	0.5	68	0.2	0.07	0.3	4	17	12.8	1.69	4	0.04	0.03	11
1097028	404365	7078524	8N	0.05	1.03	27.6	10.9	1	68	0.2	0.1	0.3	4.4	19	12.3	1.82	4	0.03	0.03	13
1097029	404410	7078547	8N	0.1	0.98	25.1	3.5	0.5	67	0.2	0.09	0.4	5.2	20	13.6	1.91	4	0.06	0.03	12
1097030	404452	7078575	8N	0.05	1.08	23.5	4.6	0.5	65	0.2	0.08	0.2	4.6	20	11.7	2.05	4	0.05	0.03	12
1097032	413002	7072009	8N	0.8	1.4	39.2	3.8	0.5	102	0.2	0.08	0.05	6	21	21.4	2.51	4	0.02	0.04	30
1097033	412981	7072054	8N	0.6	1.17	31.9	3.5	0.5	98	0.2	0.08	0.1	8.5	16	21	2.31	3	0.02	0.04	32
1097035	412961	7072100	8N	3.4	1.14	52.8	9	1	129	0.2	0.09	0.3	8.5	18	26.2	2.34	3	0.03	0.04	30
1097036	412943	7072146	8N	1.7	1.12	50.5	6.5	0.5	84	0.2	0.11	0.3	6.9	19	17.9	2.14	3	0.05	0.04	20
1097038	412923	7072193	8N	1	0.99	36.1	4.9	0.5	71	0.2	0.08	0.3	10.8	20	17.4	2.36	3	0.04	0.04	19
1097039	412904	7072239	8N	0.7	1.06	58.3	13.4	0.5	86	0.2	0.09	0.1	5.4	14	16.2	2.02	2	0.02	0.05	30

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1096488	0.42	283	0.7	0.008	15.3	0.072	7.5	0.025	1	1.8	0.25	19	0.1	7.1	0.061	0.2	2	35	1.1	56
1096489	0.38	408	1.1	0.007	16.1	0.058	9.8	0.025	1.1	2	0.25	19	0.1	4.2	0.035	0.2	2.6	38	0.6	60
1096490	0.38	238	1	0.007	14.9	0.062	9.5	0.025	1.1	2.1	0.25	20	0.1	3.7	0.03	0.2	3.1	37	0.7	54
1096491	0.45	342	1.1	0.008	18.5	0.061	11.4	0.025	1.7	3.2	0.25	27	0.1	7.3	0.048	0.3	3.7	46	0.8	65
1096492	0.49	282	0.8	0.008	16.9	0.07	9.6	0.025	1.5	3.4	0.25	22	0.1	9.8	0.064	0.3	3.2	41	0.8	58
1096493	0.4	180	0.9	0.006	13.8	0.054	8.4	0.025	0.9	1.7	0.25	19	0.1	3.5	0.042	0.2	1.1	39	0.5	45
1096494	0.51	422	0.5	0.022	20.7	0.068	9.4	0.025	0.9	2.4	0.25	39	0.1	2.5	0.025	0.1	0.9	40	0.3	61
1096495	0.54	286	0.5	0.05	21.5	0.075	10.1	0.025	1.9	2.6	0.25	78	0.1	3.4	0.029	0.1	0.7	36	0.5	55
1096496	0.44	419	0.6	0.036	21.4	0.071	9.9	0.025	1.8	2.3	0.25	98	0.1	3.4	0.024	0.1	0.4	31	0.4	54
1096498	0.48	322	0.7	0.014	20.7	0.063	10.4	0.025	2.4	2.5	0.25	38	0.1	2.3	0.014	0.1	0.7	35	0.2	57
1096499	0.46	298	0.4	0.064	19.7	0.067	10	0.025	1.1	2.1	0.25	87	0.1	2.3	0.02	0.1	0.5	31	0.1	51
1096500	0.52	362	0.7	0.038	22.9	0.076	9.3	0.025	2.2	3.2	0.25	54	0.1	4.6	0.026	0.2	0.6	35	0.2	56
1097001	0.35	258	0.9	0.005	15.8	0.06	13	0.025	1	1.6	0.25	13	0.1	1.3	0.029	0.1	1	36	0.2	52
1097002	0.34	215	0.8	0.005	13.9	0.057	12.2	0.025	1.1	1.8	0.25	16	0.1	1.5	0.03	0.1	0.9	36	0.2	50
1097004	0.37	170	0.7	0.005	16	0.065	13.9	0.025	1.1	1.6	0.25	13	0.1	1.1	0.022	0.1	1	36	0.2	52
1097005	0.4	430	1.1	0.005	26.2	0.065	26	0.025	2.5	2.2	0.25	13	0.1	5.9	0.021	0.1	1.4	35	0.1	74
1097006	0.38	355	1	0.005	18.6	0.06	20.1	0.025	2.1	1.8	0.25	13	0.1	3.3	0.022	0.1	1	37	0.2	58
1097007	0.35	399	0.8	0.006	26.2	0.07	19.3	0.025	3.5	2.1	0.25	17	0.1	6.7	0.037	0.05	1	31	0.2	66
1097008	0.45	550	1.2	0.005	26.5	0.068	30.1	0.025	7	2.3	0.25	18	0.1	4.4	0.024	0.2	1.6	37	0.1	78
1097009	0.35	653	1	0.005	20.4	0.063	16.4	0.025	2.4	2	0.6	15	0.1	2	0.031	0.05	0.9	38	0.2	69
1097010	0.46	664	1.3	0.006	22.4	0.079	19.7	0.025	1.8	2.7	0.25	16	0.1	2.9	0.048	0.1	1.3	53	0.3	90
1097011	0.52	625	8.1	0.004	132	0.069	30.2	0.1	2	1.7	1.2	37	0.1	23.5	0.004	0.1	6.2	12	0.05	110
1097012	0.39	466	1.8	0.004	22.5	0.063	19.4	0.025	2.1	1.8	0.25	12	0.1	3.3	0.021	0.05	1.4	34	0.1	69
1097013	0.33	1148	1.3	0.007	23	0.075	36.3	0.05	5.3	1.6	0.25	28	0.1	1.5	0.017	0.05	1.3	30	0.2	87
1097014	1.13	1097	1.8	0.005	75.6	0.113	44.9	0.05	2	4.6	0.25	73	0.1	14.8	0.076	0.4	2.6	85	0.2	124
1097015	1.06	1154	2	0.007	70.2	0.087	45.2	0.07	5.1	4.3	0.25	68	0.1	12.3	0.096	0.5	2	76	0.2	120
1097016	0.77	719	1.4	0.008	51.8	0.121	31.2	0.07	4.7	5.8	0.25	85	0.1	7.9	0.09	0.4	2	62	0.3	109
1097017	0.8	961	1.5	0.008	53.7	0.094	41.3	0.07	4.1	6.7	0.6	71	0.1	7.2	0.092	0.4	1.7	67	0.2	108
1097018	1.56	1398	1.6	0.008	91.7	0.17	26.1	0.05	6.1	11.2	0.5	154	0.1	9.3	0.206	1	1.3	118	0.1	136
1097019	1.53	1241	1.5	0.007	106.2	0.143	26	0.025	9.8	11	0.25	93	0.1	10.2	0.185	0.9	1.4	118	0.05	122
1097020	0.61	738	1.2	0.007	39.6	0.113	18.6	0.025	2.3	4.5	0.25	37	0.1	6.5	0.076	0.2	1.5	58	0.3	92
1097022	0.35	243	0.8	0.006	17.3	0.057	18.7	0.025	0.8	2	0.25	14	0.1	2.9	0.033	0.1	1.2	37	0.2	55
1097023	0.3	192	0.8	0.005	14.8	0.062	13.9	0.025	0.8	1.6	0.5	12	0.1	1	0.026	0.05	1	37	0.2	46
1097024	0.41	471	1.3	0.007	27.5	0.099	23.1	0.025	3.5	4.2	0.6	61	0.1	5.6	0.039	0.1	1.9	42	0.3	85
1097025	1.01	1330	2.9	0.007	60.4	0.123	66.5	0.06	7.8	9.1	0.25	70	0.1	27.3	0.117	0.5	5.2	83	0.1	143
1097026	0.37	712	1.2	0.007	33.9	0.085	342.5	0.025	25.2	3.1	0.6	26	0.1	6.6	0.028	0.1	1.3	37	0.2	114
1097027	0.28	113	0.7	0.003	11.6	0.039	19.4	0.06	0.5	0.6	0.25	7	0.1	0.3	0.015	0.1	0.6	33	0.3	49
1097028	0.29	148	0.8	0.004	11.3	0.046	19.1	0.025	0.6	0.8	0.25	8	0.1	0.3	0.019	0.05	0.7	35	0.3	49
1097029	0.29	196	0.9	0.004	13	0.048	19.4	0.025	0.6	0.8	0.5	9	0.1	0.4	0.019	0.05	0.6	37	0.3	52
1097030	0.29	141	0.9	0.004	11.4	0.044	15.3	0.025	0.9	0.8	0.25	8	0.1	0.3	0.018	0.05	0.6	38	0.3	47
1097032	0.38	318	0.6	0.003	21.6	0.043	17.4	0.025	1.5	1.2	0.25	8	0.1	6.4	0.006	0.3	1	22	0.1	68
1097033	0.36	420	0.6	0.003	20.5	0.034	20.5	0.025	1.9	1.2	0.25	9	0.1	6.9	0.009	0.2	0.8	20	0.1	64
1097035	0.36	701	0.7	0.003	23.8	0.038	41.6	0.025	2.4	1.8	0.25	10	0.1	8	0.011	0.2	1	22	0.1	100
1097036	0.32	358	0.7	0.004	17.3	0.053	47.7	0.025	2.8	1.1	0.8	10	0.1	2.2	0.017	0.2	0.7	29	0.2	80
1097038	0.28	595	0.7	0.003	19.5	0.036	104	0.025	2.2	1.1	0.6	7	0.1	3.5	0.014	0.2	0.7	27	0.2	81
1097039	0.27	337	0.5	0.003	14.4	0.044	21.9	0.025	3.1	1.1	0.6	7	0.1	5.5	0.007	0.3	0.7	20	0.1	59

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1097041	412885	7072283	8N	1.2	1.07	55.9	9.7	1	126	0.2	0.15	0.1	8.7	15	20.9	2.31	3	0.02	0.06	26
1097044	412869	7073857	8N	0.05	1.14	39.8	4.3	0.5	99	0.2	0.09	0.2	9.7	16	13.6	2.06	3	0.03	0.06	21
1097045	412889	7073809	8N	0.5	0.75	83.7	14.5	1	106	0.2	0.45	0.2	13.6	10	20.2	3.17	2	0.03	0.09	41
1097046	412908	7073763	8N	0.1	1.33	37.2	2.5	0.5	114	0.3	0.12	0.2	9.5	21	18.2	2.5	4	0.02	0.06	26
1097047	412927	7073718	8N	1.2	1.26	78	13.6	2	60	0.4	0.28	1.3	18.7	13	40.8	3.23	3	0.03	0.1	52
1097048	412948	7073672	8N	0.9	1.13	147.2	7.9	1	121	0.3	0.25	2.3	10.1	17	24.3	2.79	3	0.02	0.06	35
1097049	412967	7073626	8N	0.05	1.17	14.5	11.5	1	129	0.2	0.12	0.2	6.7	20	13.4	2.1	3	0.03	0.04	18
1097050	412986	7073579	8N	0.4	0.98	53.6	5.7	0.5	142	0.2	0.19	0.3	10.3	17	26.6	2.38	3	0.04	0.05	29
1097051	412983	7083126	8N	0.1	1.12	13	2.8	0.5	154	0.2	0.48	0.3	22	19	39.3	4.43	3	0.04	0.04	18
1097052	413021	7083091	8N	0.05	1.22	11	3.4	1	83	0.2	0.08	0.05	8.2	18	18.1	2.39	3	0.02	0.05	13
1097053	413037	7083044	8N	0.05	0.99	10.1	10.2	2	97	0.2	0.07	0.1	7.6	15	24.7	2.54	2	0.04	0.05	18
1097054	413063	7083001	8N	0.05	1.22	11.9	8.5	1	95	0.2	0.08	0.1	8.8	19	17.3	2.48	3	0.04	0.04	13
1097055	413079	7082952	8N	0.1	1.08	12.5	5.8	1	127	0.6	0.23	0.3	15	14	51.9	4.23	3	0.04	0.06	54
1097056	413108	7082911	8N	0.05	1.26	12.4	4.9	0.5	141	0.2	0.11	0.4	9.6	20	21.2	2.59	3	0.03	0.04	21
1097057	413131	7082866	8N	0.05	1.12	9.4	2.8	1	65	0.2	0.08	0.1	6.8	18	17.3	2.1	3	0.02	0.03	17
1097058	413157	7082824	8N	0.05	1.28	10.8	2.3	1	67	0.2	0.06	0.05	19.5	17	31.9	2.64	3	0.01	0.04	55
1097059	413183	7082782	8N	0.05	1.07	10.8	9.1	0.5	51	0.2	0.06	0.05	11.7	17	22	2.66	4	0.05	0.03	21
1097060	413215	7082742	8N	0.1	1.23	7.4	3.8	1	27	0.5	0.02	0.05	3.7	16	30.3	3.13	4	0.02	0.04	52
1097061	413236	7082698	8N	0.05	1.13	5.9	2.8	0.5	58	0.4	0.03	0.1	7	18	35.9	3.26	4	0.04	0.04	37
1097062	413272	7082661	8N	0.05	1.23	2.1	1.6	0.5	52	0.3	0.03	0.05	7.5	11	42.3	3.47	2	0.005	0.03	47
1097063	411716	7082147	8N	0.05	0.93	7.2	0.25	0.5	88	0.05	0.08	0.05	7.5	16	18.9	2.1	3	0.02	0.03	18
1097064	411716	7082097	8N	0.05	1.42	1.8	0.25	0.5	51	0.4	0.02	0.05	11.8	20	49.9	4	4	0.005	0.05	50
1097065	411713	7082046	8N	0.05	1.29	10.6	1.1	0.5	44	0.4	0.03	0.05	5.1	18	26.5	3.34	4	0.01	0.04	51
1097066	411712	7081997	8N	0.05	0.9	7.1	0.7	0.5	41	0.1	0.05	0.05	8.9	15	18	2.34	3	0.01	0.03	24
1097067	411710	7081947	8N	0.05	0.81	9.9	2.1	0.5	62	0.3	0.03	0.05	23.7	13	64.5	4.08	2	0.04	0.04	30
1097068	411698	7081898	8N	0.05	1.17	5.3	0.25	0.5	71	0.2	0.05	0.05	10.2	18	26	2.84	4	0.01	0.03	29
1097069	411665	7081860	8N	0.05	1.06	2.8	1.1	0.5	138	0.2	0.06	0.1	5.6	16	29.1	2.78	3	0.01	0.03	46
1097070	411634	7081820	8N	0.05	1.25	6.9	0.7	0.5	99	0.2	0.08	0.05	8.5	20	25.5	2.56	3	0.03	0.04	27
1097071	411601	7081782	8N	0.05	1.11	5.8	1.6	0.5	103	0.2	0.06	0.05	12.6	22	30	2.67	3	0.03	0.03	26
1097072	411569	7081743	8N	0.05	1.11	9.7	0.25	0.5	206	0.2	0.06	0.1	9.6	16	32.6	3.16	3	0.005	0.05	42
1097073	411530	7081712	8N	0.05	1.12	4.3	0.25	0.5	50	0.1	0.03	0.05	10.3	18	27.3	2.84	3	0.02	0.03	33
1097074	411490	7081682	8N	0.05	0.95	6.7	0.25	0.5	81	0.1	0.06	0.05	16.7	15	24.8	2.69	3	0.02	0.03	29
1097075	411452	7081650	8N	0.05	0.96	7.7	0.8	0.5	71	0.2	0.07	0.1	14.8	15	24.5	2.66	3	0.02	0.03	20
1097076	411412	7081619	8N	0.05	1.02	7.6	0.25	1	78	0.1	0.08	0.05	7.2	17	14.9	2.08	3	0.03	0.03	15
1097077	411372	7081588	8N	0.05	1.21	8.4	1.9	0.5	68	0.2	0.09	0.1	15.8	20	20	2.85	3	0.02	0.03	21
1097078	411330	7081560	8N	0.05	1.04	6.7	2	0.5	70	0.2	0.07	0.05	6.1	16	17.3	2.12	3	0.03	0.03	18
1097079	411287	7081535	8N	0.05	1.14	2.8	0.25	0.5	58	0.3	0.03	0.05	9	16	38.4	3.15	3	0.01	0.04	46
1097080	411244	7081509	8N	0.05	2.38	21.4	0.8	0.5	56	0.2	0.17	0.05	45.8	126	70.2	4.04	6	0.01	0.03	41
1097082	411200	7081485	8N	0.05	1.04	9.8	1.5	0.5	74	0.2	0.08	0.2	10.2	17	23.1	2.21	3	0.03	0.04	16
1097083	411155	7081461	8N	0.05	1.39	4.5	0.25	0.5	43	0.2	0.04	0.05	7.7	21	34.7	3.53	4	0.02	0.04	41
1097085	411112	7081437	8N	0.05	1.09	11.7	1.5	0.5	75	0.3	0.03	0.05	11.6	17	49.7	3.7	3	0.005	0.03	45
1097086	411068	7081412	8N	0.05	1.48	17.1	1.2	0.5	121	0.2	0.11	0.05	12.6	30	24.9	2.63	4	0.03	0.03	22
1097088	409399	7088685	8N	0.2	1.92	33.9	2.6	2	259	0.4	1.37	0.6	9.3	26	24	2.1	6	0.04	0.07	18
1097089	409399	7088636	8N	0.4	2.49	16.6	4	1	411	0.3	1.07	0.7	15.2	175	51.9	2.99	8	0.03	0.36	14
1097090	409398	7088586	8N	0.5	1.92	19.4	4.2	2	262	0.3	1.17	0.6	9.4	38	76.1	1.86	6	0.04	0.16	11
1097091	409401	7088486	8N	0.4	1.84	20.2	5.4	1	296	0.4	0.86	3.9	8.7	40	147.5	2.39	6	0.03	0.28	15

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1097041	0.29	610	0.7	0.004	23.3	0.045	23.5	0.025	3.8	1.6	0.25	10	0.1	7.3	0.009	0.2	0.9	23	0.2	63
1097044	0.26	429	0.7	0.004	18.1	0.048	23.4	0.025	0.7	1.2	0.5	8	0.1	3.4	0.014	0.2	0.7	28	0.2	49
1097045	0.15	1673	0.7	0.003	29.5	0.051	24.8	0.025	3	1.6	0.25	14	0.1	11.7	0.004	0.4	1	11	0.05	46
1097046	0.4	346	0.7	0.004	20.6	0.056	19	0.025	0.6	1.6	0.25	11	0.1	4.2	0.013	0.1	1.8	30	0.2	72
1097047	0.45	652	0.5	0.004	43.1	0.033	116.4	0.025	1.3	1.4	0.25	16	0.1	19.8	0.003	0.2	2.5	11	0.05	171
1097048	0.38	786	0.6	0.004	25.7	0.063	80.9	0.025	1.4	1.8	0.25	14	0.1	7	0.014	0.2	1.3	25	0.2	303
1097049	0.35	258	0.6	0.004	18.3	0.048	16	0.025	0.5	1.9	0.25	10	0.1	2.6	0.018	0.1	0.9	30	0.3	61
1097050	0.35	578	0.6	0.003	26	0.061	29.4	0.025	0.9	1.9	0.25	13	0.1	9.2	0.019	0.05	0.8	24	0.2	81
1097051	0.39	952	1.2	0.009	82.7	0.13	26.2	0.025	3	3.8	0.25	28	0.1	3.7	0.021	0.05	0.7	31	0.2	93
1097052	0.33	307	1	0.006	21.1	0.026	12.4	0.025	1.4	1.7	0.25	11	0.1	2.7	0.025	0.05	0.7	33	0.2	51
1097053	0.27	265	0.9	0.016	21	0.041	13.6	0.08	2.2	1.5	0.25	25	0.1	4.7	0.02	0.05	0.8	23	0.2	51
1097054	0.33	312	0.9	0.006	21.1	0.029	12.4	0.025	1.1	1.8	0.5	11	0.1	2.8	0.024	0.05	0.6	34	0.2	52
1097055	0.51	1588	3.9	0.007	36	0.078	30.6	0.08	1	2.5	0.25	34	0.1	11.7	0.007	0.05	2.3	19	0.1	83
1097056	0.37	314	0.9	0.005	22.6	0.043	14	0.025	0.8	1.8	0.8	12	0.1	3	0.023	0.1	1	35	0.3	54
1097057	0.34	202	0.7	0.004	18.6	0.04	11.7	0.025	1.4	1.7	0.25	8	0.1	3.6	0.016	0.05	0.7	30	0.2	48
1097058	0.51	446	0.8	0.004	40.1	0.036	11.7	0.025	0.4	1.8	0.25	9	0.1	14.5	0.008	0.05	1.4	21	0.05	54
1097059	0.3	307	0.9	0.005	23.2	0.049	18.2	0.06	0.9	1.3	0.25	7	0.1	2.1	0.016	0.05	1.3	30	0.2	55
1097060	0.5	105	0.9	0.007	7.1	0.074	30.7	0.08	0.2	0.9	0.25	12	0.1	11.9	0.003	0.05	2.2	13	0.05	54
1097061	0.39	204	1.4	0.005	18.1	0.049	25.2	0.025	0.5	1.3	0.25	9	0.1	8.1	0.01	0.05	1.9	24	0.1	66
1097062	0.31	96	0.7	0.004	21.2	0.047	30.2	0.025	0.7	1.7	0.8	7	0.1	21.2	5E-04	0.05	2.3	9	0.05	75
1097063	0.29	167	0.8	0.004	19.4	0.038	10.6	0.025	0.7	1.6	0.25	8	0.1	4.8	0.015	0.05	0.9	27	0.1	46
1097064	0.61	228	0.6	0.004	21.3	0.043	22.5	0.025	0.3	1.2	0.25	7	0.1	18.8	0.003	0.05	3.5	14	0.05	87
1097065	0.56	223	0.6	0.003	8.7	0.039	34.3	0.025	0.4	1	0.5	7	0.1	15.1	0.007	0.05	1.5	16	0.05	63
1097066	0.29	259	0.9	0.004	21.1	0.038	12.4	0.025	0.5	1.2	0.25	7	0.1	4.9	0.014	0.05	1	24	0.1	50
1097067	0.18	253	1.8	0.005	44.7	0.031	16.8	0.025	0.7	1.8	0.5	5	0.1	15.9	0.004	0.05	2	17	0.05	105
1097068	0.4	184	0.8	0.005	24.3	0.039	15.7	0.025	0.8	1.3	0.25	8	0.1	7.7	0.008	0.05	1.2	24	0.05	56
1097069	0.46	168	0.8	0.003	12.6	0.038	16.1	0.025	0.4	1.2	0.25	9	0.1	14.2	0.009	0.05	1.9	17	0.05	52
1097070	0.41	194	0.9	0.004	18.8	0.04	15.4	0.025	0.5	1.7	0.25	8	0.1	5.4	0.011	0.05	1.2	29	0.05	52
1097071	0.36	227	0.8	0.004	26.2	0.043	15.3	0.025	0.8	1.8	0.25	7	0.1	3.5	0.007	0.05	1.3	28	0.1	55
1097072	0.43	295	0.8	0.007	21.5	0.036	24.2	0.025	1.7	2	0.25	18	0.1	12.6	0.004	0.05	1.5	16	0.05	72
1097073	0.43	353	0.8	0.003	21	0.045	12.7	0.025	0.6	1.1	0.25	7	0.1	9	0.006	0.05	1.4	16	0.05	57
1097074	0.34	384	0.8	0.003	28	0.041	14.6	0.025	0.7	1.8	0.25	8	0.1	7.9	0.012	0.05	1.3	24	0.05	62
1097075	0.33	326	0.9	0.004	29.3	0.049	13.5	0.025	1	1.8	0.25	8	0.1	4.5	0.009	0.05	1.2	27	0.05	62
1097076	0.3	180	0.7	0.004	16.3	0.047	11.2	0.025	0.6	1.1	0.5	8	0.1	1.6	0.012	0.05	0.8	28	0.1	41
1097077	0.34	377	0.9	0.005	26.9	0.049	14	0.025	0.7	1.9	0.25	8	0.1	4.9	0.018	0.05	0.9	36	0.2	55
1097078	0.28	133	0.7	0.003	13.3	0.036	13.7	0.025	0.5	1.2	0.25	8	0.1	3.3	0.01	0.05	0.9	25	0.1	39
1097079	0.46	205	0.6	0.003	17.2	0.041	18.1	0.025	0.7	1.2	0.25	13	0.1	12.4	0.006	0.05	1.9	16	0.05	68
1097080	1.79	711	0.9	0.004	89	0.052	16.1	0.025	0.7	6.2	0.25	28	0.1	19.4	0.002	0.05	1.3	60	0.05	74
1097082	0.31	303	0.8	0.004	25.6	0.043	12.7	0.025	2.3	1.7	0.25	9	0.1	4.4	0.012	0.05	1.1	25	0.1	57
1097083	0.61	295	0.8	0.004	19	0.046	10.2	0.025	0.5	1.2	0.25	8	0.1	10.9	0.011	0.05	1.7	21	0.05	72
1097085	0.43	233	2.4	0.004	26.3	0.039	14.5	0.025	0.7	1.4	0.25	8	0.1	15.5	0.008	0.05	2.5	16	0.05	72
1097086	0.52	458	0.8	0.004	28.4	0.049	17.1	0.025	0.7	2.8	0.25	12	0.1	5.5	0.015	0.05	0.9	33	0.1	48
1097088	0.5	362	0.6	0.103	23.2	0.091	13.6	0.025	0.9	2.5	0.25	88	0.1	3.8	0.045	0.1	0.7	36	0.5	62
1097089	1.75	430	1.1	0.049	41	0.107	14.8	0.025	1.9	5.5	0.8	69	0.1	5.6	0.146	0.4	1.6	88	0.5	108
1097090	0.93	360	0.8	0.046	29.7	0.087	11.2	0.025	2.1	3.1	1.3	67	0.1	2.8	0.069	0.3	3	61	0.3	84
1097091	0.99	198	1.9	0.032	31.1	0.159	11.2	0.025	5.8	3.4	1.1	68	0.1	5.5	0.08	0.3	2.7	73	0.2	143

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1097092	409401	7088385	8N	0.05	1.46	250.1	3.7	0.5	130	3.5	0.3	0.9	7.4	25	31.6	2.03	8	0.03	0.11	13
1097093	409401	7088336	8N	0.2	2.79	292.2	7.8	2	231	1.1	6.28	0.3	11.4	38	62.6	2.53	8	0.02	0.29	16
1097094	409400	7088235	8N	0.05	2.09	6.3	3.6	4	159	0.2	2.05	0.2	8.5	28	13.8	1.7	7	0.04	0.09	14
1097095	409398	7088038	8N	0.1	1.6	44.6	9.4	2	302	0.9	0.41	0.2	9.3	36	23.7	2.44	6	0.03	0.25	39
1097096	409397	7087988	8N	0.1	1.52	34.8	8.5	1	280	0.6	0.27	0.1	9.4	32	20.8	2.48	5	0.04	0.14	30
1097097	409397	7087938	8N	0.05	1.75	27.1	5.7	2	135	0.7	0.12	0.2	7.1	31	14.2	2.25	6	0.04	0.08	20
1097098	409398	7087887	8N	0.1	1.31	23.1	4.3	1	248	0.4	0.33	0.2	8.8	29	17.9	2.2	5	0.02	0.1	24
1097099	409398	7087837	8N	0.2	1.24	20.8	4.9	0.5	261	0.4	0.24	0.2	8.7	25	24	2.16	4	0.03	0.09	25
1097100	409397	7087787	8N	0.05	1.32	22.3	4.3	0.5	265	0.4	0.25	0.3	9.6	28	21.5	2.29	4	0.02	0.12	25
1097101	411715	7084846	8N	0.1	1.04	7.8	0.8	1	70	0.2	0.07	0.1	4.7	18	10.9	1.87	4	0.04	0.03	11
1097102	411665	7084838	8N	0.05	1.2	10.2	29.1	1	61	0.2	0.08	0.1	10.2	19	11.6	2.21	4	0.06	0.04	13
1097103	411615	7084831	8N	0.05	1.11	8.2	0.25	2	61	0.2	0.07	0.05	3.6	18	11.5	1.78	4	0.04	0.03	12
1097104	411564	7084825	8N	0.05	1.45	13.1	0.25	2	79	0.3	0.06	0.1	6.2	22	16.2	2.35	5	0.02	0.06	17
1097105	411515	7084814	8N	0.1	1.21	11.3	9.5	2	76	0.3	0.09	0.2	5.6	20	14	2.04	4	0.03	0.05	15
1097106	411464	7084806	8N	0.1	1.32	10.6	0.25	2	96	0.3	0.08	0.1	6.5	19	12.3	2.13	4	0.03	0.05	14
1097107	411414	7084798	8N	0.1	1.36	8.9	0.25	2	91	0.3	0.08	0.05	4.6	20	12.4	2.05	5	0.03	0.05	15
1097108	411364	7084798	8N	0.1	1.4	11	0.25	1	96	0.3	0.11	0.2	10.5	19	16	2.23	4	0.03	0.05	16
1097109	411314	7084802	8N	0.6	1.79	24.3	0.25	2	177	0.3	0.38	0.3	14.6	25	23.9	2.47	4	0.04	0.06	25
1097110	411264	7084807	8N	0.3	1.43	34.5	2.3	3	153	0.4	0.29	0.4	17.2	23	34.4	4.11	4	0.03	0.13	24
1097111	411213	7084812	8N	0.05	1.37	17.1	5.5	3	93	0.2	0.15	0.1	14.4	26	17.7	3.17	5	0.03	0.09	14
1097112	411162	7084815	8N	0.1	0.63	34.6	0.5	2	38	0.2	0.24	0.1	22.8	8	45.6	3.78	2	0.03	0.1	40
1097113	411113	7084820	8N	0.05	0.92	13.1	1.3	1	83	0.3	0.06	0.1	3.8	21	9.1	1.78	5	0.03	0.04	13
1097114	411062	7084822	8N	0.05	1.37	16.4	1.6	0.5	94	0.3	0.08	0.1	9.1	27	18.9	2.83	6	0.03	0.13	18
1097115	411012	7084828	8N	0.05	1.31	13.9	11.6	1	102	0.3	0.1	0.2	8.8	27	22.3	2.72	4	0.05	0.07	18
1097116	410962	7084832	8N	0.05	1.17	11.9	0.25	0.5	99	0.3	0.05	0.1	4.5	19	9.4	2.16	5	0.04	0.03	13
1097117	410912	7084834	8N	0.05	1.08	13.1	2.6	0.5	61	0.3	0.06	0.1	6.2	22	9.9	2.29	5	0.05	0.04	12
1097118	410862	7084840	8N	0.05	1.12	12.2	0.25	1	71	0.2	0.06	0.1	4.6	22	10	2.33	5	0.02	0.04	13
1097119	410812	7084844	8N	0.2	1.64	14.9	0.6	1	107	0.3	0.07	0.1	12	25	15.7	2.84	5	0.03	0.05	13
1097120	410762	7084849	8N	0.05	1.16	15.3	1.6	0.5	72	0.3	0.06	0.1	8.2	28	15.1	2.55	5	0.03	0.05	15
1097121	410711	7084853	8N	0.05	1.31	15.3	2.7	2	81	0.3	0.06	0.05	6	29	11.3	2.64	5	0.03	0.05	14
1097122	410661	7084856	8N	0.05	1.22	12.7	6.5	2	127	0.3	0.13	0.2	11.1	24	18.3	2.59	4	0.04	0.06	15
1097123	410611	7084864	8N	0.05	0.83	8.1	0.25	0.5	55	0.3	0.05	0.1	2.7	16	7.3	1.56	5	0.04	0.03	11
1097124	410562	7084868	8N	0.05	1.53	12.9	0.6	0.5	100	0.3	0.07	0.2	10.1	26	14.9	2.62	5	0.04	0.04	12
1097125	410512	7084876	8N	0.05	1.1	10.5	0.8	0.5	69	0.2	0.06	0.1	5.2	18	11.3	2.03	4	0.03	0.03	11
1097126	410462	7084878	8N	0.05	1.12	9.1	3.1	3	116	0.2	0.15	0.1	5.9	20	21	2.11	3	0.04	0.07	14
1097127	410413	7084880	8N	0.3	1.23	24.1	2.4	1	213	1	0.23	0.5	12.5	23	23.9	2.49	4	0.04	0.08	21
1097128	410363	7084884	8N	0.05	1.16	13.8	7.1	1	91	0.2	0.09	0.1	5.9	28	11.7	2.37	5	0.03	0.07	17
1097129	410313	7084893	8N	0.05	1.38	12.5	1	1	165	0.3	0.19	0.05	7.8	28	18.1	2.45	5	0.03	0.07	14
1097130	410264	7084889	8N	0.05	1.28	10.9	0.8	2	113	0.2	0.12	0.2	7.4	22	16.8	2.26	4	0.04	0.05	13
1097131	410214	7084900	8N	0.05	1.25	10.6	0.25	2	94	0.2	0.09	0.05	6.8	25	12.2	2.32	5	0.03	0.06	15
1097132	410160	7084901	8N	0.05	1.2	9.8	0.6	0.5	73	0.2	0.06	0.1	5.4	20	9.5	2.16	5	0.03	0.04	14
1097133	410111	7084895	8N	0.05	1.09	10.8	0.9	2	66	0.2	0.08	0.1	8.3	23	13.5	2.49	4	0.03	0.07	14
1097134	418005	7084238	8N	0.1	1.28	7.8	13.3	0.5	107	0.3	0.13	0.05	12.7	26	22.9	2.76	4	0.05	0.04	37
1097136	418023	7084385	8N	0.05	1.31	5.2	11.8	0.5	132	0.3	0.14	0.2	7.8	20	19.4	2.17	4	0.04	0.05	26
1097137	405956	7078442	8N	9.4	1.03	124.8	13.3	0.5	69	1.8	0.12	9.3	11.8	18	42.5	2.47	3	0.05	0.05	21
1097138	405978	7078487	8N	2.6	1.3	32.9	6.7	0.5	117	0.4	0.14	5.1	10.2	23	42.9	2.59	4	0.04	0.04	33

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1097092	0.54	154	0.9	0.008	14.7	0.044	8.3	0.025	1.1	2.1	0.7	25	0.1	2.7	0.082	0.2	0.7	42	0.4	47
1097093	1.28	365	0.4	0.218	21.7	0.077	10.1	0.025	1	4.5	1	251	0.1	4.9	0.106	0.3	0.8	45	1.9	52
1097094	0.64	409	0.4	0.156	19	0.08	9.2	0.025	0.5	2.2	0.6	146	0.1	3.7	0.061	0.1	0.6	32	0.6	51
1097095	0.63	409	1.3	0.011	17.8	0.096	12	0.025	2.3	3.6	0.5	33	0.1	15.3	0.117	0.5	6.5	53	1.6	73
1097096	0.54	402	1.1	0.007	20	0.08	11.4	0.025	1.5	3.3	0.25	24	0.1	11.1	0.081	0.3	8.2	48	0.9	70
1097097	0.43	432	1.3	0.007	13	0.055	9.3	0.025	1.1	2.3	0.25	14	0.1	4.8	0.073	0.4	6.7	49	0.7	69
1097098	0.52	360	1	0.006	18.3	0.078	9.3	0.025	1.2	2.6	0.25	26	0.1	8.2	0.086	0.2	3.3	47	1.2	65
1097099	0.46	297	1	0.005	20.5	0.071	9.3	0.025	1	3.6	0.25	19	0.1	9.2	0.063	0.2	5.4	40	0.5	62
1097100	0.49	391	1	0.005	21.8	0.082	9.6	0.025	1.2	2.6	0.6	20	0.1	9.6	0.078	0.3	3.2	45	0.8	70
1097101	0.34	160	0.7	0.005	10.6	0.052	9.1	0.025	0.7	0.6	0.25	8	0.1	0.2	0.015	0.05	0.7	30	0.2	47
1097102	0.35	532	0.9	0.004	12.5	0.064	11.9	0.025	1	0.9	0.25	8	0.1	0.6	0.018	0.05	0.6	33	0.2	51
1097103	0.32	104	0.6	0.004	9.8	0.051	9.7	0.025	0.5	0.7	0.6	8	0.1	0.3	0.015	0.05	0.7	29	0.2	40
1097104	0.4	244	1	0.004	13.7	0.059	14.4	0.025	1	1	0.25	9	0.1	0.9	0.018	0.1	0.9	34	0.2	55
1097105	0.36	220	0.8	0.004	13.4	0.062	10.3	0.025	0.7	1.1	0.25	10	0.1	0.9	0.023	0.1	0.8	30	0.1	51
1097106	0.35	235	0.8	0.004	10.8	0.046	12.2	0.025	0.7	0.8	0.8	11	0.1	0.6	0.016	0.1	0.8	31	0.2	45
1097107	0.38	124	0.7	0.005	12.1	0.044	11.7	0.025	0.8	0.9	0.25	12	0.1	0.5	0.018	0.1	0.8	32	0.2	47
1097108	0.37	462	0.9	0.005	16.5	0.056	13.3	0.025	1.3	1.1	0.25	15	0.1	1.1	0.02	0.1	1	30	0.2	66
1097109	0.46	643	1.4	0.012	27.8	0.11	25.6	0.07	4.9	1.4	1.7	65	0.1	0.6	0.021	0.2	2.9	28	0.1	87
1097110	0.54	797	2.2	0.005	39.7	0.108	33.3	0.025	10.4	4.1	0.25	44	0.1	4.6	0.029	0.2	1.8	34	0.1	118
1097111	0.5	843	1.1	0.006	19.6	0.071	30.1	0.025	4	1.6	0.25	21	0.1	1	0.027	0.2	0.8	40	0.2	70
1097112	0.33	408	0.7	0.002	52.5	0.098	24.1	0.025	53.4	1.2	0.25	39	0.1	11.5	0.004	0.1	1.1	7	0.05	96
1097113	0.26	162	0.9	0.006	8.9	0.046	19.9	0.025	2	0.7	0.25	10	0.1	0.2	0.017	0.2	0.7	39	0.1	33
1097114	0.59	348	1.3	0.004	19.2	0.056	22.6	0.025	4.4	1.9	0.25	13	0.1	1.4	0.04	0.2	0.7	47	0.1	66
1097115	0.43	370	1.1	0.005	20.1	0.064	22.5	0.025	2.9	2.2	0.25	14	0.1	1.7	0.029	0.1	1.2	42	0.2	63
1097116	0.27	196	0.9	0.004	10.1	0.041	26.7	0.025	2.3	0.8	0.25	9	0.1	0.3	0.015	0.1	0.7	35	0.1	39
1097117	0.31	292	1.1	0.004	11	0.045	22.3	0.025	2.3	0.8	0.25	8	0.1	0.3	0.018	0.1	0.6	39	0.1	42
1097118	0.3	197	1	0.004	11	0.046	21.2	0.025	1.8	1	1	8	0.1	0.5	0.022	0.1	0.6	42	0.2	38
1097119	0.48	689	1.8	0.005	17	0.059	20.5	0.025	1.9	1.6	0.25	9	0.1	0.7	0.02	0.2	1.2	41	0.1	72
1097120	0.32	417	1.3	0.005	12.9	0.06	26.9	0.025	3.3	1.3	0.25	9	0.1	0.7	0.017	0.1	0.8	41	0.1	49
1097121	0.42	283	1.5	0.004	13.7	0.046	27	0.025	3.4	1.4	0.25	9	0.1	0.7	0.021	0.1	0.8	43	0.2	50
1097122	0.44	519	1	0.005	19.3	0.06	17.6	0.025	1.8	1.8	0.25	13	0.1	1.5	0.028	0.1	0.8	39	0.2	68
1097123	0.21	118	1	0.003	6.9	0.04	17.7	0.025	1.1	0.4	0.6	7	0.1	0.1	0.012	0.1	0.5	31	0.1	26
1097124	0.44	451	1.4	0.004	14.4	0.055	13.9	0.025	1.4	2.1	0.7	9	0.1	1.9	0.026	0.05	0.8	45	0.2	56
1097125	0.3	184	0.7	0.004	10.6	0.043	10.9	0.025	0.8	1	0.25	8	0.1	0.5	0.021	0.05	0.6	33	0.2	38
1097126	0.43	229	0.9	0.008	17.6	0.069	14.9	0.025	1.7	1.5	0.25	18	0.1	0.9	0.021	0.1	0.7	34	0.3	54
1097127	0.48	604	0.9	0.005	26.7	0.052	44.1	0.025	9.4	2.4	0.6	28	0.1	3.5	0.029	0.2	2.1	28	0.4	89
1097128	0.4	223	0.9	0.004	16.1	0.047	28.7	0.025	5	1.7	0.25	12	0.1	1.8	0.033	0.1	0.5	40	0.1	40
1097129	0.5	286	1	0.006	18	0.042	17.1	0.025	2.8	2.2	0.25	23	0.1	1.3	0.023	0.1	0.7	44	0.2	50
1097130	0.41	267	0.9	0.005	16.3	0.046	11.7	0.025	1.5	1.7	0.25	14	0.1	1	0.024	0.05	0.7	34	0.2	52
1097131	0.42	229	0.9	0.005	14.1	0.038	14.5	0.025	2.2	1.7	0.25	12	0.1	1	0.028	0.1	0.6	41	0.1	45
1097132	0.31	237	1	0.004	10.2	0.027	12	0.025	0.9	1.7	0.7	8	0.1	2.6	0.034	0.1	0.5	40	0.2	39
1097133	0.38	365	1	0.004	14.7	0.052	15.9	0.025	2.1	1.5	0.25	11	0.1	1.4	0.025	0.1	0.6	38	0.2	47
1097134	0.54	334	0.8	0.004	25.6	0.055	19.7	0.025	1.1	1.8	0.25	14	0.1	9.7	0.009	0.05	1.5	25	0.1	64
1097136	0.44	151	0.6	0.005	20.8	0.05	15.6	0.025	0.6	1.7	0.25	15	0.1	5.4	0.013	0.05	1.4	28	0.1	59
1097137	0.32	2047	1	0.005	21.9	0.062	745.3	0.025	3.6	1.6	0.25	12	0.1	3.9	0.019	0.1	0.9	28	0.2	1022
1097138	0.43	820	0.7	0.006	28.2	0.055	128.6	0.025	1.1	3.5	0.25	13	0.1	5.5	0.032	0.1	1.2	37	0.2	718

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1097139	406022	7078516	8N	0.7	1.16	24	7.4	0.5	143	0.3	0.14	3.4	12.2	20	41	2.66	3	0.04	0.05	30
1097140	406048	7078559	8N	0.1	1.55	53.4	13.9	0.5	128	0.3	0.1	1.4	13.5	27	29.9	3	5	0.04	0.05	31
1097141	406070	7078604	8N	0.2	1.41	43.3	17.3	0.5	73	0.3	0.09	1.2	16.1	25	37.7	3.08	4	0.03	0.03	31
1097142	406094	7078649	8N	0.05	1.28	67.9	15	0.5	64	0.3	0.1	0.5	12.8	24	35.7	2.74	4	0.03	0.03	28
1097143	406122	7078691	8N	0.2	1.72	21.2	7.7	1	163	0.2	0.13	0.2	11.9	29	36.6	2.84	5	0.04	0.06	30
1097144	406147	7078737	8N	0.05	1.34	10.7	2.8	0.5	74	0.2	0.08	0.05	8.6	22	18.5	2.27	4	0.04	0.03	17
1097145	406172	7078781	8N	0.05	1.21	18.1	3.2	0.5	92	0.2	0.1	0.2	6.7	25	27	2.5	5	0.04	0.04	17
1097147	406183	7078831	8N	0.2	1.21	33.6	17.6	0.5	202	0.2	0.27	0.3	10	31	42.9	2.79	4	0.03	0.1	27
1097149	406217	7078868	8N	0.1	1.24	103.4	46.4	1	92	0.2	0.16	0.3	9.4	26	29.5	2.5	4	0.03	0.05	19
1097150	406241	7078912	8N	0.3	1.8	134.4	33.6	1	309	0.2	0.38	0.4	22.2	52	79.3	3.51	5	0.02	0.23	27
1097151	409799	7088786	8N	0.2	2.02	29.9	6.3	2	211	0.7	0.61	0.3	9.4	30	16.1	2.32	6	0.06	0.05	15
1097152	409798	7088736	8N	0.2	1.86	14.1	7.8	3	220	0.3	1.61	0.4	10	28	22.7	2.26	5	0.05	0.06	17
1097153	409799	7088686	8N	0.1	1.89	12.9	4.8	2	277	0.3	1.35	0.3	9.8	26	21.7	2.17	5	0.05	0.05	15
1097155	409799	7088585	8N	0.2	2.44	23.9	8.5	2	287	0.4	0.96	0.4	11.4	45	40.3	2.44	7	0.05	0.1	18
1097156	409798	7088535	8N	0.5	1.4	45.9	4.3	1	198	1.6	0.31	0.8	7.9	27	54.2	1.87	5	0.06	0.07	17
1097157	409799	7088486	8N	0.4	1.69	66.9	6.4	3	175	0.7	1.01	2.1	8.2	22	25.3	2.09	5	0.06	0.03	15
1097159	409798	7088385	8N	0.2	1.76	45.8	4	4	173	0.4	1.4	1.3	9	28	18.8	2.21	6	0.05	0.05	20
1097160	409799	7088336	8N	0.1	1.37	10.7	3.1	1	188	0.2	0.7	0.2	9.7	23	16.6	2.3	4	0.04	0.04	20
1097161	409798	7088286	8N	0.1	1.61	9	4.8	2	222	0.2	1.45	0.2	10	23	18.9	2.08	5	0.05	0.04	16
1097163	409798	7088236	8N	0.4	1.53	72.3	35.3	6	172	6.3	2.05	0.3	9.9	19	130.8	2.01	4	0.06	0.05	17
1097164	409798	7088185	8N	0.3	2.1	45.7	6.6	3	188	0.9	1.65	0.6	10.2	30	44.7	2.32	6	0.06	0.06	18
1097166	409797	7088085	8N	0.4	1.67	12.2	6.7	6	209	0.5	2.83	0.4	8.7	27	90.8	1.8	5	0.07	0.07	11
1097167	409798	7088036	8N	0.3	1.47	19.2	5.6	2	248	1.2	1.09	0.5	10.3	31	57.7	2.02	5	0.05	0.08	18
1097168	409799	7087987	8N	0.2	1.4	16.9	4.2	2	167	0.6	0.99	0.3	8.2	26	41.7	1.87	4	0.06	0.05	15
1097169	409799	7087887	8N	0.2	1.47	103.8	44.3	0.5	203	1.1	0.28	0.2	10	31	18.7	2.42	5	0.03	0.06	18
1097170	409798	7087837	8N	0.05	1.15	104.5	3.3	2	195	0.4	1.01	0.3	7.7	23	17.6	1.95	3	0.03	0.05	13
1097171	409799	7087788	8N	0.2	1.72	45.9	8.3	3	233	0.7	1.62	0.4	9.2	26	28.9	2.07	5	0.05	0.06	15
1097172	409798	7087737	8N	0.2	1.41	58.4	34.5	2	199	5.8	0.9	0.3	8.8	29	45.5	1.88	4	0.03	0.06	18
1097173	409798	7087687	8N	0.3	1.91	58.8	19.6	2	301	1.3	0.59	0.4	8.8	33	61.1	2.21	5	0.04	0.08	20
1097174	409798	7087637	8N	0.2	1.74	31.1	9.5	1	262	0.7	0.51	0.2	8.8	27	26.7	2	5	0.03	0.06	18
1097175	409798	7087587	8N	0.2	1.86	46.1	3.9	1	337	1.8	0.53	0.3	8.4	44	31.7	2.49	6	0.04	0.11	19
1097176	409798	7087537	8N	0.1	1.23	49.2	3	0.5	176	1	0.19	0.3	7.9	21	20.6	2.02	4	0.005	0.08	17
1097177	409799	7087487	8N	0.05	1.36	12.6	7.6	1	155	0.2	0.12	0.3	6.9	23	14.7	2.17	4	0.04	0.05	13
1097178	409799	7087436	8N	0.1	1.26	16	66.4	1	163	0.3	0.17	0.3	7.2	22	18.2	2.17	4	0.03	0.07	16
1097179	409798	7087387	8N	0.3	1.22	10.3	3.7	0.5	117	0.3	0.07	0.1	3.4	19	14.3	1.76	4	0.04	0.04	10
1097186	411820	7082733	8N	0.05	1.03	8.9	3	0.5	74	0.2	0.07	0.05	6.5	30	21.5	2.09	3	0.01	0.03	18
1097187	411806	7082685	8N	0.05	1.44	9.1	3.6	0.5	79	0.2	0.12	0.1	12.7	34	37.7	3.04	5	0.01	0.02	22
1097188	411792	7082637	8N	0.05	1.15	8.3	1.1	0.5	84	0.2	0.09	0.1	12.7	21	31.1	2.4	3	0.03	0.03	21
1097189	411778	7082589	8N	0.05	1.36	9	3.2	0.5	80	0.2	0.06	0.1	14.4	22	29.7	2.86	4	0.02	0.03	29
1097190	411765	7082542	8N	0.05	1.23	6.3	3.6	0.5	94	0.2	0.07	0.05	8.1	20	18.3	2.37	4	0.02	0.03	24
1097191	411753	7082494	8N	0.05	1.03	7.1	2.1	0.5	66	0.2	0.05	0.05	7.6	16	17	2.41	3	0.02	0.03	29
1097192	411740	7082445	8N	0.05	1.03	6.9	0.25	0.5	75	0.2	0.05	0.05	5.6	19	14.2	2.09	3	0.03	0.02	20
1097193	411726	7082397	8N	0.05	0.84	8.2	0.25	0.5	74	0.2	0.13	0.05	7.5	16	18.5	1.89	2	0.005	0.03	14
1097194	411724	7082347	8N	0.05	1.2	8.9	9	0.5	79	0.2	0.06	0.05	7.9	25	23.7	2.79	4	0.01	0.03	23
1097195	411722	7082297	8N	0.05	1.3	10	2.2	0.5	88	0.2	0.07	0.1	7.5	22	19.3	2.45	4	0.02	0.04	22
1097196	411720	7082247	8N	0.05	0.98	10.3	1.5	0.5	86	0.2	0.08	0.2	10.5	18	24.9	2.51	3	0.02	0.04	27

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1097139	0.38	787	0.8	0.006	26.6	0.064	70.2	0.025	0.9	3.3	0.25	13	0.1	7.6	0.033	0.05	1	35	0.2	320
1097140	0.43	811	1.3	0.005	26.7	0.051	43.9	0.025	0.7	2.7	0.25	11	0.1	5.3	0.028	0.1	0.9	43	0.2	182
1097141	0.45	1002	1.5	0.003	28.6	0.051	41.5	0.025	0.6	2.2	0.25	10	0.1	7.3	0.02	0.05	0.8	33	3	129
1097142	0.39	632	1.1	0.004	25	0.056	19.7	0.025	0.6	1.7	0.25	11	0.1	4.6	0.023	0.05	0.8	37	0.2	89
1097143	0.53	543	1.4	0.007	26.8	0.075	12.5	0.025	0.8	3.8	0.25	13	0.1	4.3	0.045	0.1	1.4	50	0.2	74
1097144	0.33	277	0.8	0.004	15.1	0.049	11.1	0.025	0.5	1.9	0.25	8	0.1	2.7	0.021	0.1	0.7	36	0.2	44
1097145	0.32	349	1.4	0.005	16.6	0.071	14.3	0.025	0.6	1.3	0.25	15	0.1	0.8	0.02	0.1	0.9	46	0.2	51
1097147	0.64	446	1.5	0.006	30.6	0.113	10.7	0.025	0.9	2.9	0.25	26	0.1	5	0.049	0.1	1.2	50	0.3	71
1097149	0.41	459	1.4	0.005	21.5	0.088	11.2	0.025	1.3	1.6	0.25	17	0.1	2	0.031	0.1	0.9	43	0.3	63
1097150	1.31	978	3.3	0.006	76.1	0.179	13.4	0.025	1.8	4.1	0.6	41	0.1	7	0.052	0.3	1.8	75	0.2	83
1097151	0.51	288	0.8	0.025	24.5	0.042	34.4	0.025	1	2.5	0.25	33	0.1	2.5	0.043	0.2	0.7	50	0.3	77
1097152	0.52	421	1	0.065	24.9	0.068	12	0.15	1.2	2.4	1.1	70	0.1	2.1	0.048	0.1	0.8	43	0.5	61
1097153	0.46	445	0.7	0.048	22.4	0.073	13.1	0.09	0.9	2	0.6	55	0.1	1.8	0.025	0.1	1	41	0.3	55
1097155	0.83	299	0.7	0.069	29.6	0.063	11.6	0.025	1.5	3.8	0.7	66	0.1	5	0.074	0.2	1.4	53	0.3	68
1097156	0.54	194	0.9	0.01	22.7	0.079	15.2	0.025	9.5	2.6	0.25	23	0.1	3.7	0.051	0.2	1.2	48	0.3	71
1097157	0.41	628	0.7	0.044	18.8	0.116	29.8	0.12	2.3	2	0.25	61	0.1	3.6	0.023	0.05	1.1	30	0.7	120
1097159	0.6	426	0.7	0.068	23.1	0.065	16.2	0.09	2.9	2.6	0.25	77	0.1	3.9	0.038	0.1	0.8	40	0.6	78
1097160	0.46	438	0.6	0.029	22.7	0.06	11.1	0.025	1.9	2.8	0.25	40	0.1	3.1	0.022	0.05	0.6	37	0.3	55
1097161	0.48	349	0.7	0.033	21.4	0.067	10.9	0.09	2	2	0.25	68	0.1	2	0.021	0.1	0.8	37	0.3	54
1097163	0.64	288	0.7	0.05	20	0.062	14.3	0.18	4.5	1.8	1.3	96	0.1	2.1	0.03	0.1	1.1	27	3.3	49
1097164	0.91	300	0.6	0.054	26.7	0.046	21.2	0.07	2.8	2.8	1	90	0.1	3.2	0.042	0.2	0.8	41	0.4	61
1097166	1.01	314	1	0.05	24.2	0.111	10.4	0.25	3.3	2.3	2.5	111	0.1	1.8	0.053	0.2	2.8	48	0.2	74
1097167	0.73	201	0.8	0.034	27.3	0.095	11.2	0.06	3.9	3.4	0.8	61	0.1	6.7	0.067	0.2	2.2	57	0.8	93
1097168	0.71	251	0.8	0.027	21.6	0.071	9.6	0.07	2.1	2.8	0.7	51	0.1	3.5	0.052	0.2	1.4	44	0.6	68
1097169	0.52	362	1.6	0.007	19.5	0.079	11.3	0.025	2.9	2.5	0.6	24	0.1	2.8	0.036	0.2	3.9	45	1.1	62
1097170	0.43	285	0.6	0.014	19.5	0.074	8.3	0.08	1	1.8	0.25	44	0.1	2.1	0.035	0.1	2.3	37	0.7	56
1097171	0.62	340	0.5	0.06	23	0.1	11.6	0.08	1.2	2.3	0.25	115	0.1	3.2	0.038	0.1	0.9	37	0.5	76
1097172	0.51	261	0.4	0.026	20.1	0.078	10.7	0.05	1.5	2.5	0.25	53	0.1	5	0.048	0.1	1.4	36	3.3	58
1097173	0.63	246	0.5	0.02	24.3	0.086	13.2	0.025	1.9	3.5	0.6	46	0.1	6.5	0.056	0.2	1.1	41	1.2	66
1097174	0.5	209	0.5	0.023	21.6	0.079	14.3	0.025	1.4	2.7	0.25	46	0.1	2.9	0.041	0.1	1.3	38	0.9	69
1097175	0.57	359	0.6	0.011	20.1	0.087	12.7	0.025	1.4	3.9	0.25	36	0.1	5.8	0.08	0.2	1.1	52	0.6	74
1097176	0.34	321	0.5	0.005	18.1	0.066	9.2	0.025	1.9	2.3	0.25	17	0.1	4.8	0.048	0.1	0.9	36	0.3	58
1097177	0.36	241	1	0.006	15.7	0.055	9.1	0.025	0.7	1.7	0.25	12	0.1	1	0.029	0.1	0.8	42	0.3	57
1097178	0.35	281	0.8	0.006	18.5	0.067	9	0.025	0.9	2.1	0.25	14	0.1	2	0.038	0.1	1	41	0.4	59
1097179	0.23	84	1.1	0.009	10.7	0.09	10.1	0.09	0.5	0.8	0.25	9	0.1	0.05	0.011	0.1	0.9	36	0.2	36
1097186	0.42	158	0.8	0.003	26.8	0.04	12	0.025	0.8	1.4	0.25	9	0.1	2.8	0.011	0.05	0.9	29	0.1	46
1097187	0.77	374	0.9	0.003	30.4	0.059	13.2	0.025	0.6	2	0.25	13	0.1	4.6	0.022	0.05	1.1	45	0.1	57
1097188	0.44	287	0.7	0.003	27.7	0.049	13.4	0.025	0.6	1.8	0.25	11	0.1	6.3	0.018	0.05	1.2	28	0.1	55
1097189	0.48	371	1.1	0.004	32	0.046	16.8	0.025	0.6	1.5	0.25	13	0.1	4.2	0.01	0.05	1.5	30	0.05	61
1097190	0.41	199	0.8	0.004	21.9	0.041	13.5	0.025	0.5	1.4	0.5	11	0.1	3.2	0.007	0.05	1.1	26	0.05	51
1097191	0.31	212	0.9	0.003	19.5	0.035	12.2	0.025	1	1.2	0.25	8	0.1	4.8	0.006	0.05	1.1	25	0.1	49
1097192	0.32	154	0.8	0.003	15.2	0.036	10.1	0.025	0.5	1	0.25	7	0.1	1.8	0.009	0.05	0.9	26	0.1	42
1097193	0.32	241	0.7	0.004	20.4	0.051	9.5	0.025	0.6	1.4	0.25	11	0.1	4.7	0.018	0.05	0.8	23	0.1	46
1097194	0.46	181	0.9	0.003	22.6	0.028	13.1	0.025	0.9	1.8	0.25	7	0.1	6.2	0.012	0.05	1	31	0.1	52
1097195	0.39	199	1.1	0.004	18.8	0.036	13.7	0.025	0.6	1.8	0.25	9	0.1	4.9	0.015	0.05	1	36	0.2	48
1097196	0.34	269	1	0.004	24.4	0.044	19.5	0.025	1.5	1.5	0.25	10	0.1	5.9	0.01	0.05	1.4	24	0.1	62

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1097197	411719	7082197	8N	0.05	1.04	10.5	2.2	0.5	61	0.2	0.08	0.05	8.9	19	22.9	2.77	4	0.005	0.04	35
1097198	407319	7079474	8N	0.2	1.06	21.5	2.9	2	178	0.2	0.09	0.2	12.8	20	29.6	2.66	3	0.03	0.05	26
1097199	407370	7079486	8N	0.05	0.96	30.7	3.3	2	97	0.3	0.08	0.2	16.6	17	27	2.72	3	0.02	0.04	25
1097200	407413	7079507	8N	0.1	0.8	18.2	8.2	0.5	92	0.2	0.15	0.2	9.5	17	25.6	2.28	2	0.02	0.05	19
1097201	410354	7083304	8N	0.05	1.41	11.7	2.4	2	155	0.2	0.23	0.5	14.1	26	27.2	3.3	4	0.03	0.08	19
1097202	410335	7083353	8N	0.2	0.91	11.7	4.3	1	190	0.2	0.24	0.5	16.1	24	42.5	3.5	3	0.04	0.07	19
1097203	410314	7083401	8N	0.05	1.38	33.2	8.3	2	253	0.1	0.38	0.4	22.3	77	34.8	4.68	5	0.05	0.21	21
1097204	410293	7083447	8N	0.05	1.15	13.9	2.8	1	133	0.2	0.23	0.4	14.2	29	37.2	3.15	3	0.04	0.06	22
1097205	410272	7083494	8N	0.1	1.3	14.1	5.9	1	202	0.2	0.25	0.5	13.3	31	39.5	3.46	4	0.04	0.07	22
1097206	410255	7083543	8N	0.1	1.55	13.6	8.9	2	155	0.2	0.16	0.2	12.3	31	30.2	3.13	4	0.06	0.06	21
1097207	410230	7083588	8N	0.05	1.16	12.6	13.3	1	90	0.2	0.08	0.3	8.8	20	19.2	2.32	3	0.04	0.04	14
1097208	410210	7083635	8N	0.05	0.85	8.2	25	0.5	79	0.1	0.18	0.4	7.5	20	18.1	2.04	3	0.04	0.04	19
1097209	410188	7083680	8N	0.1	1.06	12.6	20.8	0.5	169	0.2	0.19	0.5	10.6	26	25.7	2.8	3	0.05	0.06	20
1097210	410167	7083727	8N	0.1	1.37	14.6	2.2	2	157	0.2	0.15	0.4	11.6	31	27.7	3	4	0.05	0.06	19
1097211	410147	7083775	8N	0.1	1.35	13.5	27.5	0.5	255	0.2	0.17	0.4	11.8	26	28.4	2.94	4	0.04	0.06	19
1097212	410119	7083817	8N	0.05	1.26	14.6	15.9	2	112	0.2	0.11	0.4	15.4	25	19.8	2.94	4	0.05	0.06	16
1097213	410091	7083860	8N	0.1	1.28	13.2	32.9	1	171	0.2	0.16	0.3	9.9	25	26.7	2.69	4	0.04	0.06	15
1097214	410061	7083902	8N	0.1	1.52	14.3	3.2	1	205	0.2	0.15	0.2	9.6	30	24.6	2.96	5	0.03	0.06	16
1097215	410042	7083950	8N	0.3	1.31	19.7	19.7	1	145	0.2	0.13	0.4	8.8	26	24.2	2.76	4	0.05	0.05	20
1097216	410018	7083995	8N	0.2	0.88	15.6	16.3	1	178	0.2	0.2	0.6	11.8	24	39.2	2.99	3	0.05	0.05	26
1097217	409994	7084040	8N	0.1	1.15	13	16.8	0.5	134	0.2	0.13	0.3	6.4	23	22.9	2.41	3	0.05	0.04	18
1097218	409972	7084087	8N	0.1	1.16	11	13.5	1	104	0.1	0.16	0.3	7.2	23	25.5	2.32	3	0.07	0.04	16
1097219	409939	7084128	8N	0.05	1.01	9.5	1.7	1	88	0.2	0.2	0.3	6.8	23	18.4	2.26	3	0.03	0.05	18
1097220	409910	7084172	8N	0.05	1.03	8	6.9	1	90	0.1	0.17	0.2	5.8	21	18.3	1.96	3	0.03	0.04	18
1097222	409879	7084215	8N	0.05	1.03	9.9	8	0.5	112	0.2	0.17	0.3	6.4	23	19.8	2.18	3	0.04	0.04	19
1097223	409843	7084253	8N	0.1	1.16	10.9	13.6	1	121	0.2	0.17	0.2	10.9	44	29.8	2.84	4	0.03	0.08	30
1097224	409811	7084294	8N	0.1	1.19	19	4.6	1	178	0.2	0.15	0.2	13.9	66	34.5	2.78	4	0.04	0.04	24
1097225	409776	7084333	8N	0.05	1.17	12	6.1	2	115	0.3	0.12	0.2	9.9	39	22.6	2.4	3	0.04	0.04	21
1097226	409745	7084373	8N	0.1	1.64	16.2	0.5	1	168	0.2	0.16	0.2	10.2	55	25.1	2.93	5	0.03	0.06	21
1097228	409707	7084406	8N	0.1	1.4	9.7	4.8	0.5	113	0.2	0.09	0.2	7.1	36	19.9	2.22	4	0.03	0.04	17
1097229	409671	7084441	8N	0.1	1.01	9.1	9.5	1	125	0.2	0.17	0.3	11.6	28	24.5	2.3	3	0.03	0.05	23
1097230	409627	7084472	8N	0.05	1.35	8.3	1.3	0.5	108	0.2	0.11	0.05	8.7	32	20.5	2.47	4	0.03	0.04	28
1097231	409580	7084496	8N	0.05	1.36	8	2	1	130	0.3	0.12	0.3	15	23	29.4	3	4	0.02	0.05	31
1097232	409532	7084516	8N	0.05	1.46	8.6	0.25	0.5	95	0.3	0.1	0.2	11.5	23	26.9	3.09	4	0.02	0.04	32
1097233	409496	7084551	8N	0.05	1.34	8.6	1.9	2	78	0.3	0.08	0.1	10.1	22	25.7	2.91	4	0.03	0.04	28
1097234	409459	7084587	8N	0.05	1.29	8.8	0.9	0.5	75	0.2	0.07	0.1	9.9	22	23.8	3.01	4	0.03	0.04	31
1097235	409420	7084620	8N	0.05	1.4	12.8	0.7	1	76	0.2	0.07	0.1	8.1	25	12.9	3.12	5	0.04	0.03	15
1097251	408384	7082065	8N	0.05	1.42	11.3	3.3	0.5	147	0.2	0.07	0.1	10	22	24.9	2.7	4	0.05	0.05	23
1097252	408336	7082049	8N	0.05	1.13	8.9	5.5	0.5	222	0.2	0.13	0.1	7.9	19	22.6	2.21	3	0.02	0.04	20
1097253	408287	7082037	8N	0.05	1.08	9.8	1.4	0.5	154	0.2	0.1	0.1	7.6	17	24.4	2.3	3	0.03	0.04	22
1097254	408239	7082021	8N	0.05	0.94	6.5	0.25	0.5	74	0.2	0.07	0.05	3.8	16	12.6	1.48	4	0.03	0.03	17
1097255	408189	7082009	8N	0.1	1.45	10.9	3.6	0.5	200	0.3	0.09	0.05	8.9	22	24.9	2.75	4	0.04	0.04	22
1097256	408141	7081997	8N	0.05	1.06	8.9	1.3	0.5	286	0.2	0.13	0.2	9.6	18	33.1	2.57	3	0.03	0.06	29
1097257	408092	7081986	8N	0.05	1.08	7.2	2.4	0.5	307	0.2	0.13	0.2	8.3	18	30.3	2.48	3	0.02	0.05	30
1097258	408046	7081963	8N	0.05	1.25	10.8	1.7	0.5	118	0.2	0.12	0.1	8.6	21	15.3	2.3	4	0.02	0.04	14
1097259	407995	7081959	8N	0.05	0.87	8.2	1.9	0.5	60	0.2	0.06	0.05	3.4	17	10.1	1.66	4	0.03	0.03	15

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1097197	0.32	204	1	0.005	23	0.044	17.7	0.07	1.9	1.8	0.25	8	0.1	8.3	0.022	0.05	1.1	33	0.1	61
1097198	0.38	563	0.8	0.006	31.1	0.032	16.5	0.025	0.7	2.3	0.7	11	0.1	8.3	0.024	0.05	1	28	0.2	68
1097199	0.31	701	0.9	0.004	26.6	0.042	17.5	0.025	1	1.7	0.25	9	0.1	8.7	0.021	0.05	1.3	24	0.1	69
1097200	0.29	340	0.9	0.007	23.7	0.054	13.1	0.025	1	1.7	0.25	13	0.1	7.7	0.029	0.05	1.3	24	0.2	59
1097201	0.43	649	1	0.008	27.8	0.081	15.1	0.025	1.4	2.9	0.8	22	0.1	3.9	0.045	0.1	0.8	46	0.2	92
1097202	0.35	639	1.2	0.007	41.1	0.095	18.3	0.025	2.6	3.1	0.8	23	0.1	6.1	0.038	0.05	1.3	37	0.3	106
1097203	0.71	973	1.4	0.007	59	0.133	13.7	0.025	9.3	7.2	0.7	49	0.1	4.7	0.073	0.3	1	66	0.2	107
1097204	0.47	547	1.1	0.006	34.4	0.095	14.6	0.025	3.8	3.4	0.6	21	0.1	5.4	0.046	0.05	1.2	44	0.2	89
1097205	0.5	520	1.4	0.007	34.4	0.095	14.4	0.025	2.8	3.9	0.8	23	0.1	5.4	0.056	0.1	1.2	50	0.3	97
1097206	0.46	331	1.2	0.006	25.2	0.085	14.2	0.025	1.9	3.4	0.7	15	0.1	3.7	0.042	0.1	1.3	48	0.4	78
1097207	0.28	348	0.9	0.005	22	0.036	11.3	0.025	1	1.7	0.5	8	0.1	2.7	0.035	0.05	0.5	38	0.2	51
1097208	0.31	290	0.6	0.004	18.2	0.072	8.8	0.025	1.6	1.6	0.25	14	0.1	4	0.034	0.05	0.7	33	0.3	59
1097209	0.37	479	1.1	0.006	25.5	0.087	12.7	0.025	2.5	2.3	0.7	17	0.1	3.4	0.034	0.05	0.9	42	0.4	77
1097210	0.41	560	1.2	0.007	29.3	0.086	15.3	0.025	2.2	2.8	0.6	15	0.1	2.3	0.032	0.1	1	47	0.3	84
1097211	0.39	519	1.2	0.006	29.7	0.084	15.5	0.025	2.5	2.7	0.5	17	0.1	3.3	0.033	0.1	1.1	43	0.4	80
1097212	0.33	1445	1.2	0.005	22.8	0.085	15.4	0.025	2.1	1.7	0.5	13	0.1	1.6	0.027	0.1	0.8	46	0.3	73
1097213	0.4	447	1.2	0.005	25.3	0.076	13.1	0.025	1.7	2.2	0.9	15	0.1	2.5	0.026	0.05	1	46	0.5	71
1097214	0.45	480	1.3	0.007	25	0.072	15.5	0.025	1.6	2.2	0.7	15	0.1	1.3	0.031	0.1	1.1	50	0.4	76
1097215	0.4	373	1.2	0.005	22	0.074	50.3	0.025	6.9	2.7	0.6	13	0.1	2.7	0.029	0.1	1.1	42	0.4	105
1097216	0.34	458	0.9	0.005	32.9	0.091	32.5	0.025	8.7	3.2	1	18	0.1	7.4	0.039	0.05	1.3	44	0.6	89
1097217	0.32	244	1	0.005	17.3	0.071	24	0.025	3.2	1.9	0.6	12	0.1	1.8	0.021	0.05	1	40	0.4	63
1097218	0.36	269	0.8	0.005	20.8	0.068	17.8	0.025	1.5	2.2	0.6	13	0.1	3.1	0.034	0.05	1	37	0.4	60
1097219	0.31	268	1	0.005	18.6	0.071	12.8	0.025	1.6	1.6	0.8	15	0.1	2	0.034	0.05	0.9	41	0.4	60
1097220	0.33	197	0.7	0.004	17.4	0.064	10.6	0.025	1.1	1.4	0.25	14	0.1	2.1	0.034	0.05	0.9	36	0.4	49
1097222	0.32	224	0.8	0.004	18.1	0.071	12.8	0.025	1.3	1.8	0.6	13	0.1	2.2	0.032	0.05	0.9	39	0.3	54
1097223	0.48	352	1.1	0.005	27.5	0.075	26.5	0.025	2.3	3.2	0.6	17	0.1	4.2	0.044	0.2	1.1	46	0.2	76
1097224	0.55	360	0.9	0.005	66.3	0.056	20.4	0.025	1.8	3.2	0.5	16	0.1	3.4	0.026	0.05	1	38	0.2	61
1097225	0.42	285	0.9	0.004	33.6	0.059	18.3	0.025	1.3	1.9	0.25	11	0.1	2.4	0.022	0.05	0.9	34	0.2	58
1097226	0.55	303	1.2	0.006	37	0.062	19.6	0.025	1.3	2.6	1.2	16	0.1	1.6	0.027	0.1	1.1	48	0.2	70
1097228	0.42	187	1	0.005	23.4	0.063	17.6	0.025	0.9	1.4	0.8	10	0.1	0.4	0.017	0.1	1.1	40	0.2	50
1097229	0.41	385	0.8	0.005	29.3	0.065	13.8	0.025	1.2	2.1	0.6	16	0.1	5.4	0.034	0.05	0.9	33	0.2	64
1097230	0.44	226	0.9	0.004	19.3	0.056	13.1	0.025	0.6	1.4	0.6	11	0.1	1.2	0.018	0.1	1	36	0.1	53
1097231	0.48	434	0.9	0.005	28.2	0.061	19.6	0.025	1.4	1.8	0.25	14	0.1	6.5	0.026	0.05	1.4	32	0.1	69
1097232	0.52	346	0.9	0.004	20.5	0.06	16.4	0.025	0.6	1.8	0.9	13	0.1	5.2	0.021	0.05	1.4	33	0.1	68
1097233	0.39	281	0.9	0.004	21.9	0.054	17.1	0.025	0.9	1.6	0.7	10	0.1	4.3	0.019	0.05	1.3	34	0.2	65
1097234	0.42	300	1	0.004	19.2	0.054	17.7	0.025	1.4	1.4	0.6	10	0.1	4.2	0.016	0.05	1.2	30	0.1	64
1097235	0.32	298	1.2	0.004	17.4	0.03	20.8	0.025	1.5	1.8	0.6	8	0.1	4.8	0.03	0.05	0.7	48	0.2	58
1097251	0.41	288	1	0.005	20.7	0.042	13.8	0.025	1.5	3.5	0.25	10	0.1	6.6	0.021	0.05	1.4	33	0.2	62
1097252	0.36	249	0.6	0.005	20	0.045	11.1	0.025	1.1	2.6	0.25	14	0.1	4.7	0.026	0.05	1	32	0.2	56
1097253	0.35	237	0.8	0.004	17.1	0.044	10.9	0.025	1	3.1	0.25	12	0.1	4.9	0.024	0.05	1.1	29	0.2	53
1097254	0.26	99	0.7	0.004	11.4	0.033	9.2	0.025	0.7	1	0.25	8	0.1	0.7	0.014	0.05	0.7	26	0.1	36
1097255	0.4	296	1.1	0.005	21.8	0.052	16.7	0.025	1.1	3.3	0.25	13	0.1	4.5	0.021	0.05	1.6	34	0.2	59
1097256	0.38	320	0.8	0.011	22.6	0.047	14.7	0.025	1.5	4.3	0.25	15	0.1	9.2	0.028	0.05	1.5	27	0.2	62
1097257	0.39	297	0.7	0.008	22.6	0.039	13.6	0.025	1.1	3.7	0.25	15	0.1	8.3	0.027	0.05	1.1	28	0.2	63
1097258	0.37	342	0.8	0.006	16.5	0.06	9.8	0.025	0.8	2.3	0.6	11	0.1	2.8	0.019	0.05	1	33	0.2	63
1097259	0.22	110	0.7	0.004	9	0.039	11.2	0.025	0.5	1	0.25	7	0.1	0.4	0.012	0.05	0.7	29	0.1	32

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1097260	407948	7081942	8N	0.05	0.94	6.6	0.25	0.5	121	0.3	0.07	0.1	5.9	16	22.5	2.33	3	0.03	0.03	31
1097261	407948	7081942	8N	0.05	1.08	7.7	0.25	0.5	131	0.3	0.07	0.1	6.4	17	24.3	2.53	3	0.03	0.04	35
1097262	407901	7081927	8N	0.05	1.23	12.8	1.1	0.5	145	0.2	0.1	0.2	11.4	22	16.9	2.55	4	0.03	0.05	15
1097263	407853	7081914	8N	0.05	0.97	8.2	7.7	0.5	71	0.2	0.08	0.05	5.7	17	14.1	2.04	3	0.02	0.03	19
1097264	407805	7081898	8N	0.05	1.22	10.8	0.6	0.5	89	0.2	0.08	0.2	8	21	18.2	2.51	4	0.03	0.04	18
1097265	406897	7077554	8N	0.1	1.09	10.2	18.4	1	75	0.3	0.11	0.1	10.4	25	52.1	2.42	3	0.04	0.04	16
1097266	408479	7078638	8N	0.3	1	126.6	35.7	2	37	0.6	0.02	0.2	12.6	13	38.1	3.67	3	0.01	0.04	41
1097267	406939	7077582	8N	1.1	0.52	34.5	28.9	0.5	69	0.4	0.04	0.05	12.4	13	46.6	2.99	2	0.03	0.06	42
1097268	406985	7077601	8N	0.1	0.26	2.1	3.9	0.5	64	0.5	0.02	0.7	20.7	9	8.3	4.08	1	0.08	0.05	61
1097269	407026	7077629	8N	0.1	0.36	4.9	1.4	0.5	54	1.3	0.03	0.05	17.2	13	40.2	4.13	2	0.02	0.03	65
1097270	407074	7077645	8N	0.05	1.18	8.9	5	0.5	151	0.3	0.08	0.1	14.9	21	69.5	2.86	3	0.03	0.04	35
1097271	407089	7077693	8N	0.05	0.93	6.1	5.2	0.5	97	0.4	0.04	0.2	19.9	16	71	2.83	3	0.04	0.04	32
1097272	407099	7077741	8N	0.05	1.17	8.5	3.1	0.5	97	0.3	0.09	0.1	9.5	19	62.5	2.41	3	0.03	0.04	22
1097273	409298	7087887	8N	0.05	1.08	20.8	2.1	0.5	120	0.3	0.2	0.2	7.3	22	12.6	1.89	4	0.02	0.09	17
1097274	409299	7087837	8N	0.2	1.23	24.3	5.1	0.5	174	0.4	0.19	0.3	6.7	24	18.7	1.9	4	0.03	0.08	25
1097275	409300	7087787	8N	0.1	1.3	22.5	5.6	0.5	301	0.4	0.25	0.2	6.6	29	18.1	2.06	4	0.03	0.1	21
1097276	409299	7087738	8N	0.1	1.61	18	7.5	0.5	251	0.4	0.2	0.2	7.6	30	18.5	2.15	5	0.04	0.09	19
1097277	409299	7087686	8N	0.2	1.39	24.2	6.3	0.5	249	0.4	0.23	0.2	7.2	29	20.9	2.07	5	0.03	0.09	18
1097278	409299	7087636	8N	0.1	1.36	23	6.6	0.5	258	0.4	0.19	0.1	6.1	26	16.6	1.94	4	0.02	0.07	18
1097279	409298	7087588	8N	0.1	1.66	26.5	5.1	0.5	279	0.7	0.19	0.2	7.3	33	18.4	2.26	5	0.03	0.1	17
1097280	409298	7087535	8N	0.2	1.74	59.7	4.9	0.5	316	0.7	0.25	0.2	9.7	39	23.3	2.27	5	0.02	0.09	15
1097281	409298	7087486	8N	0.1	2.02	26.8	1.2	0.5	733	0.4	0.24	0.2	12	35	23.2	2.61	6	0.04	0.14	17
1097282	409298	7087436	8N	0.05	1.26	10.6	1.7	0.5	172	0.2	0.14	0.2	6.4	21	26.8	1.91	3	0.04	0.05	13
1097283	409300	7087385	8N	0.2	1.59	16.5	6.5	0.5	262	0.2	0.24	0.3	6.8	26	74.4	1.94	5	0.01	0.13	10
1097284	409299	7087337	8N	0.1	1.73	318.7	9	0.5	249	2.2	0.39	0.4	9.3	29	51.1	2.24	5	0.01	0.09	16
1097286	409299	7087286	8N	0.05	1.49	6.3	2.4	0.5	261	0.1	17.16	0.2	4.3	20	11.3	1.08	5	0.005	0.07	6
1097288	413487	7080056	8N	0.3	0.95	23.3	5.3	0.5	43	0.2	0.05	0.05	5.1	18	15.6	2.53	4	0.06	0.03	20
1097289	413449	7080022	8N	0.1	1.48	19.4	2.3	2	94	0.2	0.1	0.2	9.1	22	17.5	2.64	4	0.05	0.05	18
1097290	413421	7079983	8N	0.1	1.09	19.2	5.4	1	86	0.2	0.14	0.2	7.6	18	22.5	2.5	3	0.03	0.04	22
1097291	413397	7079940	8N	0.3	1	16.2	5.7	1	132	0.2	0.16	0.2	8.5	19	24	2.47	3	0.03	0.05	19
1097292	413376	7079895	8N	0.2	1.17	15.7	4.7	0.5	140	0.2	0.1	0.2	5.3	19	20.8	2.33	4	0.03	0.04	18
1097293	413356	7079850	8N	0.05	0.99	17.7	12.4	0.5	86	0.2	0.11	0.1	7.4	18	17.6	2.12	3	0.03	0.04	17
1097294	413327	7079809	8N	0.1	1.27	21.5	3.4	1	103	0.2	0.07	0.1	6.4	21	18.1	2.46	4	0.02	0.04	16
1097297	407463	7079512	8N	0.4	0.82	29.7	18.9	2	53	0.3	0.2	0.1	15.8	15	31.8	3.72	3	0.01	0.04	37
1097298	407512	7079521	8N	1.2	1.14	25.8	2	1	132	0.4	0.71	0.4	17.5	16	52	3.77	3	0.04	0.04	19
1097299	407562	7079517	8N	0.3	1.26	92.4	4.2	2	91	0.7	0.05	0.2	20.5	17	50.4	4.89	4	0.02	0.04	31
1097300	407610	7079507	8N	0.2	0.85	22.5	4.2	1	101	0.3	0.09	0.2	14.4	16	30.8	3.27	3	0.01	0.04	29
1097301	408945	7075726	8N	0.8	0.99	15.5	3.7	0.5	69	0.2	0.08	0.2	9.4	19	25.3	2.4	4	0.02	0.03	20
1097302	408981	7075760	8N	2.8	0.59	11.9	3.5	0.5	63	0.2	0.07	0.3	3.8	12	14.8	1.34	4	0.04	0.02	14
1097303	409019	7075793	8N	7.5	1.2	32	24.3	0.5	245	0.2	0.21	1.4	11.4	26	36.9	2.49	4	0.04	0.04	19
1097304	409035	7075840	8N	1.3	1.04	33.1	6.5	2	65	0.3	0.5	3.9	11.2	15	33.8	2.58	3	0.02	0.07	21
1097305	409051	7075888	8N	0.5	0.74	27.6	9.7	1	40	0.2	0.23	3.9	10.8	11	27.2	2.33	2	0.01	0.1	28
1097306	409065	7075935	8N	3	0.98	104.2	56.1	0.5	49	0.4	0.44	5	11.5	13	37.3	2.66	3	0.02	0.07	25
1097307	409079	7075984	8N	4.6	0.78	34.4	27.5	0.5	56	0.3	0.27	1.2	9.2	12	24.8	2.41	3	0.005	0.05	29
1097308	409096	7076031	8N	1	0.78	72.7	16.3	1	140	0.3	0.75	3.6	8.3	14	23.8	2.27	2	0.04	0.06	13
1097309	409118	7076076	8N	0.6	0.8	26.2	10.4	2	180	0.3	0.52	1.5	8.3	16	24.8	2.03	3	0.03	0.03	11

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1097260	0.32	202	0.9	0.008	13.5	0.036	15.2	0.025	1	1.7	0.25	9	0.1	6.1	0.017	0.05	1.1	24	0.1	50
1097261	0.37	219	1	0.005	15.9	0.042	16.1	0.025	1.1	2.2	0.7	10	0.1	6.6	0.018	0.05	1.2	26	0.2	56
1097262	0.38	515	0.9	0.007	16.4	0.052	11.7	0.025	0.9	2.6	0.25	11	0.1	3.3	0.026	0.05	0.9	36	0.2	72
1097263	0.28	212	0.9	0.004	12.5	0.04	12.3	0.025	0.7	1.3	0.25	8	0.1	1.5	0.016	0.05	0.7	30	0.1	46
1097264	0.33	334	1	0.005	17.2	0.047	14	0.025	0.8	1.6	0.25	9	0.1	2.1	0.02	0.05	0.8	37	0.2	59
1097265	0.44	596	0.7	0.004	27.1	0.055	16	0.025	0.7	1.8	0.5	11	0.1	4.5	0.024	0.05	0.7	30	0.3	57
1097266	0.51	198	1.3	0.004	28	0.045	32.8	0.025	1.4	1	0.25	17	0.1	19.5	0.005	0.05	1.7	12	0.05	62
1097267	0.16	314	0.5	0.003	25.7	0.041	18.2	0.025	15.6	3.2	0.25	11	0.1	13.5	0.008	0.2	1.2	18	0.5	75
1097268	0.04	760	0.2	0.002	39.2	0.035	25	0.025	1.4	3	0.25	8	0.1	16.4	0.004	0.1	1.7	15	0.4	95
1097269	0.09	1037	1.7	0.004	32.2	0.031	21.1	0.025	1	2.2	0.25	17	0.1	14.2	0.004	0.05	1.5	16	0.2	97
1097270	0.44	965	0.8	0.004	29.1	0.044	13.7	0.025	0.6	2.5	0.25	10	0.1	8	0.03	0.05	1.1	34	0.1	71
1097271	0.22	1496	0.7	0.003	24.1	0.039	22.3	0.025	0.8	1.8	0.25	8	0.1	5.5	0.014	0.05	1.1	29	0.2	68
1097272	0.37	433	0.7	0.004	22.2	0.053	14	0.025	0.7	1.9	0.25	9	0.1	5.1	0.023	0.05	0.9	30	0.2	59
1097273	0.38	278	0.8	0.007	15.1	0.066	9	0.025	1	1.6	0.7	17	0.1	8.1	0.052	0.2	1.3	35	0.6	54
1097274	0.37	252	0.9	0.014	17.5	0.073	13.3	0.025	1.1	2	0.25	19	0.1	5.3	0.04	0.2	3.4	38	0.8	57
1097275	0.48	273	0.9	0.009	17.4	0.075	9	0.025	1.1	2.8	0.25	23	0.1	6.8	0.067	0.2	2.3	42	0.7	61
1097276	0.5	185	0.9	0.009	18.7	0.066	9.7	0.025	1	2.6	0.25	20	0.1	5.6	0.057	0.3	1.9	44	0.4	59
1097277	0.46	250	0.9	0.019	18.1	0.07	14.8	0.025	1.1	2.2	0.25	22	0.1	4.3	0.058	0.3	1.6	43	1	65
1097278	0.39	199	0.9	0.007	15.8	0.06	8.5	0.025	0.9	2.1	0.25	20	0.1	3.6	0.041	0.2	2.5	40	0.4	49
1097279	0.52	241	1	0.009	18.2	0.064	10.5	0.025	1.1	2.5	0.25	25	0.1	4.6	0.058	0.3	1.6	47	0.4	60
1097280	0.59	229	1	0.015	20.5	0.051	16.5	0.025	1.5	2.8	0.25	77	0.1	4.7	0.061	0.3	1.7	45	0.3	70
1097281	0.66	364	1	0.015	26.5	0.07	10.4	0.025	1.2	3	0.25	34	0.1	4.8	0.074	0.2	0.8	49	0.2	71
1097282	0.36	223	0.8	0.006	20.3	0.057	8.5	0.025	1	2.3	0.25	15	0.1	3.2	0.03	0.1	0.8	37	0.1	54
1097283	0.67	152	1.6	0.01	23.8	0.073	9.2	0.025	1.7	2.1	1.2	39	0.1	2.6	0.034	0.2	1.1	54	0.1	81
1097284	0.66	262	1	0.014	20	0.063	13.2	0.025	1.5	3	1.4	37	0.1	6.3	0.041	0.2	1.3	42	0.4	65
1097286	1	238	0.2	0.096	10.5	0.053	8	0.07	0.9	2.3	0.8	453	0.1	3.4	0.047	0.1	0.4	22	0.05	34
1097288	0.21	224	1	0.004	12.1	0.037	16.6	0.025	1.5	1.3	0.25	7	0.1	3.6	0.016	0.05	0.9	34	0.3	40
1097289	0.31	279	0.9	0.006	18.6	0.046	16.2	0.025	0.9	1.8	0.25	11	0.1	4.4	0.028	0.1	0.9	40	0.3	54
1097290	0.33	230	0.9	0.006	19.4	0.06	15.3	0.025	1	1.6	0.6	13	0.1	5.4	0.024	0.05	0.9	31	0.3	55
1097291	0.36	332	0.9	0.005	21.1	0.066	13	0.025	0.9	1.8	0.6	15	0.1	5.1	0.026	0.05	1.2	30	0.3	65
1097292	0.35	187	1	0.006	14.3	0.056	13.9	0.025	0.7	1.7	0.25	11	0.1	1.5	0.016	0.05	1.4	31	0.2	50
1097293	0.34	259	0.8	0.005	17.8	0.051	10.3	0.025	0.7	1.5	0.25	10	0.1	3.6	0.024	0.05	1.1	29	0.2	56
1097294	0.38	212	0.9	0.005	16.8	0.045	12.1	0.025	0.7	2	0.25	9	0.1	2.1	0.023	0.05	1.3	34	0.2	60
1097297	0.36	395	0.8	0.003	30.7	0.058	17.7	0.025	1.3	2.4	0.25	15	0.1	12.1	0.011	0.05	2.3	32	0.05	76
1097298	0.36	789	1	0.007	40.8	0.066	22.5	0.06	0.6	1.7	0.8	46	0.1	5.7	0.005	0.1	3.5	27	0.1	106
1097299	0.41	297	1.7	0.004	37.7	0.044	53.3	0.025	2.4	1.6	0.25	15	0.1	16.6	0.012	0.1	4	19	0.1	103
1097300	0.27	376	1.2	0.004	30	0.036	21.7	0.025	1.3	1.3	0.25	11	0.1	6.5	0.012	0.2	1.9	24	0.1	73
1097301	0.33	442	0.7	0.003	19.2	0.051	29.2	0.025	0.4	0.8	0.25	6	0.1	4.2	0.011	0.05	0.6	23	0.1	64
1097302	0.14	197	0.8	0.003	9.3	0.036	20.5	0.025	0.2	0.4	0.25	7	0.1	0.4	0.009	0.05	0.4	23	0.1	28
1097303	0.46	423	1.1	0.005	28.1	0.066	91.1	0.025	1.3	2.3	0.8	14	0.1	6.9	0.023	0.1	1	34	0.2	179
1097304	0.39	786	0.3	0.002	30.8	0.047	133.1	0.025	1.1	1.3	0.5	18	0.1	11.5	0.003	0.1	0.9	10	0.05	236
1097305	0.3	518	0.3	0.002	25.7	0.04	67.3	0.05	0.7	1	0.6	12	0.1	13.8	0.005	0.1	0.8	7	0.05	346
1097306	0.33	574	0.3	0.002	33.1	0.052	279.8	0.025	1.5	1.5	0.25	16	0.1	14.2	0.002	0.1	1.1	9	0.05	296
1097307	0.3	302	0.3	0.003	25	0.047	67.1	0.025	0.8	1.3	0.25	11	0.1	14.4	0.003	0.05	0.9	8	0.05	130
1097308	0.24	682	0.6	0.003	22.5	0.053	89.5	0.1	1	1.4	0.6	26	0.1	5.8	0.005	0.1	1.1	14	0.05	189
1097309	0.25	575	0.6	0.003	22.1	0.065	64.4	0.07	0.9	1.4	0.7	21	0.1	4	0.006	0.05	0.7	20	0.2	140

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1097310	409135	7076122	8N	3.6	0.46	36.3	15.2	0.5	71	0.3	0.21	5.5	8.2	9	28.1	2.23	2	0.03	0.05	22
1097311	409154	7076170	8N	0.6	0.61	55.2	69.9	1	125	0.3	0.32	2.2	8.4	11	27.6	2.53	2	0.04	0.04	18
1097312	409172	7076216	8N	0.4	0.55	67.4	21.7	1	76	0.3	0.36	0.2	11.6	11	27.4	2.76	2	0.03	0.04	19
1097313	409192	7076262	8N	0.2	0.7	45.2	19.3	0.5	92	0.2	0.22	0.2	10.7	13	23.4	2.58	2	0.02	0.04	27
1097314	409215	7076306	8N	0.2	1	41	11.2	0.5	109	0.2	0.22	0.05	10.4	17	31.4	2.71	3	0.01	0.04	24
1097315	409231	7076353	8N	0.2	0.93	28.5	5.5	0.5	79	0.3	0.28	0.05	12.3	17	31.4	2.93	3	0.02	0.04	19
1097316	409251	7076399	8N	0.2	0.74	111	40.9	0.5	84	0.2	0.36	0.2	13.5	14	31.8	2.98	2	0.01	0.05	20
1097317	409285	7076495	8N	0.1	0.86	16.5	2.8	1	125	0.2	0.25	0.05	9	14	19.2	2.08	2	0.005	0.05	17
1097318	409299	7076543	8N	0.3	0.57	19.3	2.9	2	113	0.2	0.96	0.6	9.4	13	25.7	2.03	2	0.02	0.08	15
1097319	409306	7076592	8N	0.05	0.98	19.4	7	0.5	89	0.2	0.08	0.05	9.7	28	18.2	2.46	3	0.01	0.05	23
1097320	409313	7076642	8N	0.05	1.23	21.3	3.4	0.5	107	0.2	0.07	0.05	9	21	28.3	2.35	3	0.02	0.06	22
1097321	409319	7076694	8N	0.3	0.71	22.9	1.7	1	71	0.2	0.07	0.2	8	10	14.1	2.3	2	0.02	0.06	20
1097322	409314	7076743	8N	0.1	0.71	19	2	0.5	75	0.2	0.12	0.2	13.3	11	21.3	2.51	2	0.02	0.08	23
1097323	409317	7076794	8N	0.3	0.62	47	2.1	1	42	0.2	0.09	0.2	7.4	9	15	2.14	2	0.03	0.06	22
1097324	409320	7076843	8N	0.3	0.67	134.2	13.6	0.5	42	0.3	0.46	0.2	15.7	10	36.5	3.22	2	0.02	0.07	27
1097325	409325	7076893	8N	0.2	0.94	46.2	2.7	0.5	66	0.3	0.1	0.1	10.3	15	24.1	2.67	3	0.01	0.04	26
1097326	409331	7076944	8N	0.2	0.78	59.8	8.5	0.5	50	0.3	0.26	0.3	19.3	11	43.7	3.4	2	0.005	0.06	40
1097327	409320	7076992	8N	0.2	0.64	79.7	6.4	0.5	55	0.3	0.24	0.2	15.6	11	41.1	2.9	2	0.01	0.05	25
1097328	409308	7077041	8N	0.05	0.73	32.3	1.9	0.5	87	0.3	0.21	0.2	11.9	11	23.9	2.59	2	0.03	0.07	26
1097329	409300	7077091	8N	0.1	0.8	27.9	1.4	0.5	59	0.2	0.05	0.2	8.6	11	21.9	2.45	3	0.03	0.06	20
1097330	409285	7077140	8N	0.2	0.72	20.4	4.8	1	48	0.3	0.44	0.2	12.6	10	38.7	2.69	2	0.04	0.07	16
1097331	409279	7077190	8N	0.1	0.77	22.1	3.1	1	70	0.3	1.43	0.2	9.3	11	54.8	1.92	2	0.06	0.05	17
1097332	407784	7076556	8N	0.3	1.22	38.7	4	1	81	0.4	0.08	0.6	6.7	20	16.8	2.39	4	0.04	0.05	31
1097333	407828	7076579	8N	0.1	1.01	18.7	10.8	0.5	71	0.3	0.07	0.2	5.4	18	12.2	1.77	4	0.02	0.03	31
1097334	407873	7076602	8N	0.05	1.04	11	6.1	1	145	0.4	0.07	0.3	15.8	22	35.6	2.99	3	0.02	0.04	43
1097335	407915	7076629	8N	0.2	0.64	69.6	16	1	86	0.4	0.09	0.2	12.4	13	27.6	2.93	3	0.03	0.04	50
1097336	407960	7076650	8N	0.2	1.36	52.4	16.1	1	114	0.4	0.22	0.5	8.3	25	14.5	2.58	5	0.04	0.04	19
1097337	407658	7079493	8N	0.2	1.54	32.1	3.1	0.5	102	0.6	0.07	0.2	20.7	87	54	5.02	5	0.01	0.1	20
1097338	407709	7079492	8N	0.1	1.1	60	1.8	0.5	86	0.5	0.04	0.05	12.2	28	41.9	4.54	4	0.02	0.04	21
1097339	407758	7079499	8N	0.4	1.18	26.9	3.7	1	150	0.3	0.41	0.1	14.2	17	34.1	3.3	4	0.06	0.03	23
1097340	407808	7079490	8N	0.2	1.2	20.1	3.4	1	123	0.3	0.08	0.05	10	21	23.1	2.69	4	0.03	0.04	16
1097341	407857	7079477	8N	0.2	0.96	27.3	3.4	0.5	124	0.2	0.05	0.05	8.2	16	28.2	2.47	3	0.03	0.04	22
1097342	407906	7079467	8N	0.4	0.65	78.2	8.6	2	85	0.4	0.16	0.2	20.5	13	36.3	3.51	2	0.03	0.04	34
1097343	407952	7079448	8N	0.2	1.28	25.3	1.5	0.5	82	0.4	0.03	0.05	13.1	21	49.6	4.18	4	0.02	0.03	25
1097344	407998	7079424	8N	0.2	0.75	44.4	4.5	0.5	53	0.3	0.03	0.05	14.2	14	31.1	3.33	2	0.03	0.04	42
1097345	408038	7079394	8N	0.1	0.99	49.7	3.1	5	73	0.4	0.02	0.2	24.5	17	43.8	3.87	3	0.02	0.05	37
1097346	408068	7079354	8N	0.2	1.17	27.7	2.4	0.5	130	0.3	0.14	0.2	14.1	20	40.4	3.1	3	0.03	0.05	25
1097347	408103	7079318	8N	0.05	1.23	25.2	1.4	0.5	114	0.3	0.05	0.05	11.2	20	42.3	3.23	3	0.02	0.04	24
1097348	408201	7079220	8N	0.1	1.35	14.7	4.5	2	82	0.3	0.05	0.2	7.3	23	20.8	3.12	4	0.04	0.03	15
1097349	408213	7079171	8N	0.2	0.77	26.9	3.1	0.5	63	0.4	0.05	0.1	13	16	42.9	3.59	3	0.02	0.03	24
1097350	408236	7079128	8N	0.05	1.07	11.5	1.4	0.5	147	0.3	0.07	0.05	8.5	20	28.1	2.43	3	0.05	0.04	17
1097351	408410	7081679	8N	0.2	1.3	10.9	3.4	0.5	218	0.2	0.09	0.2	9.7	23	27.3	2.47	3	0.05	0.04	16
1097352	408360	7081680	8N	0.05	1.18	9.5	1.9	0.5	176	0.2	0.1	0.1	7.7	21	23.6	2.34	3	0.04	0.03	17
1097353	408310	7081686	8N	0.05	1.08	10.6	7.2	0.5	81	0.2	0.08	0.05	9	20	14.6	2.54	4	0.02	0.04	17
1097354	408260	7081696	8N	0.05	0.89	7.8	3.9	0.5	70	0.2	0.06	0.1	5	16	11.8	1.86	4	0.03	0.02	15
1097355	408216	7081726	8N	0.05	0.93	7.3	2.2	0.5	71	0.2	0.05	0.05	2.6	18	9.1	1.52	4	0.04	0.02	14

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1097310	0.12	457	0.4	0.002	22.6	0.043	482.4	0.025	2.5	1.3	0.25	11	0.1	10.1	0.003	0.2	1	10	0.05	418
1097311	0.18	331	0.5	0.002	22.6	0.07	105.7	0.025	1.6	1.7	0.25	16	0.1	9.3	0.005	0.1	0.9	15	0.1	161
1097312	0.18	477	0.8	0.002	28.5	0.05	26.4	0.06	1.9	1.3	0.25	14	0.1	10.2	0.003	0.1	0.8	11	0.05	71
1097313	0.25	433	0.6	0.002	26.8	0.056	19	0.025	1.5	1.4	0.25	12	0.1	10.7	0.005	0.05	0.8	13	0.05	57
1097314	0.37	274	0.5	0.002	28.1	0.059	22.8	0.025	1.4	1.8	0.25	12	0.1	10.1	0.005	0.05	0.8	19	0.1	64
1097315	0.36	363	0.6	0.002	29.9	0.049	21.8	0.025	1.8	1.2	0.25	14	0.1	9.9	0.004	0.05	0.9	15	0.05	68
1097316	0.27	1218	0.5	0.002	32.1	0.049	22	0.025	1.7	1.4	0.25	16	0.1	10.3	0.003	0.05	1.1	12	0.05	65
1097317	0.3	261	0.5	0.003	17.7	0.053	14.3	0.025	0.5	1	0.25	14	0.1	6	0.008	0.05	0.6	18	0.2	46
1097318	0.19	536	0.4	0.003	25.2	0.053	22	0.1	1	1.1	0.25	46	0.1	6.7	0.003	0.05	0.9	9	0.05	61
1097319	0.29	245	0.7	0.002	19.4	0.025	20.7	0.025	0.8	0.9	0.25	7	0.1	8.3	0.008	0.05	0.6	22	0.05	43
1097320	0.32	219	0.6	0.004	23.8	0.02	22.7	0.025	0.7	1.2	0.5	7	0.1	9.5	0.01	0.05	0.7	24	0.2	51
1097321	0.17	220	0.5	0.003	18.1	0.03	18.8	0.025	1.1	0.7	0.25	6	0.1	8.5	0.003	0.1	0.6	11	0.05	45
1097322	0.23	375	0.6	0.003	29	0.039	23.9	0.025	0.8	0.8	0.25	10	0.1	11	0.005	0.05	0.8	12	0.1	53
1097323	0.18	144	0.8	0.003	18.9	0.025	19.8	0.025	0.8	0.5	0.25	7	0.1	8.3	0.003	0.05	0.5	10	0.05	42
1097324	0.27	371	0.7	0.003	39.1	0.05	31.4	0.025	1.4	1	0.25	24	0.1	13.4	0.003	0.05	1.2	6	0.05	77
1097325	0.24	245	0.7	0.002	24.3	0.034	23.1	0.09	0.6	0.9	0.25	7	0.1	11.6	0.006	0.05	0.9	20	0.1	48
1097326	0.34	546	0.6	0.002	40.9	0.05	30.5	0.025	1.1	1.1	0.25	17	0.1	16.6	0.002	0.05	1.5	8	0.05	80
1097327	0.27	526	1.3	0.003	38.6	0.052	24.2	0.05	1.2	1.2	0.25	14	0.1	15.7	0.004	0.05	1.1	9	0.05	60
1097328	0.29	362	0.9	0.003	23.3	0.025	21.4	0.07	0.8	0.6	0.25	14	0.1	11	0.003	0.05	0.9	11	0.05	50
1097329	0.24	254	1.6	0.003	18.4	0.025	18.4	0.05	0.4	0.6	0.25	6	0.1	8.2	0.004	0.05	0.7	15	0.05	44
1097330	0.35	476	1.8	0.003	27.6	0.04	20	0.06	0.8	0.9	0.5	19	0.1	8	0.002	0.05	1.5	8	0.05	54
1097331	0.58	283	1.1	0.005	23.2	0.07	18.1	0.14	0.5	1	0.25	40	0.1	4.9	0.005	0.05	1.1	12	0.05	47
1097332	0.32	321	0.9	0.004	16.4	0.049	70.4	0.025	0.7	1.6	0.25	8	0.1	6	0.013	0.1	0.8	32	0.2	93
1097333	0.3	184	0.6	0.003	13	0.035	45.8	0.025	0.5	1.1	0.25	7	0.1	3.6	0.01	0.1	0.7	27	0.1	52
1097334	0.43	1310	0.6	0.003	36.1	0.039	22.4	0.025	0.7	3.1	0.25	11	0.1	9.4	0.021	0.1	1.1	30	0.1	79
1097335	0.17	504	0.6	0.003	25.8	0.045	31.7	0.025	0.8	1.5	0.25	10	0.1	6.7	0.005	0.05	1	16	0.05	72
1097336	0.34	421	1	0.006	14.3	0.081	36	0.025	0.7	1.6	0.25	15	0.1	1.8	0.015	0.2	0.9	44	0.2	71
1097337	0.76	323	1.5	0.006	42.7	0.038	25.9	0.025	1	2.5	0.25	9	0.1	10	0.056	0.2	2.7	39	0.3	103
1097338	0.43	369	1.3	0.004	24.8	0.068	24.2	0.025	1.2	1.6	0.25	12	0.1	8	0.015	0.05	1.7	25	0.2	76
1097339	0.51	540	0.8	0.005	27.3	0.065	15.8	0.025	0.9	2.8	0.25	34	0.1	7.4	0.009	0.05	2.9	36	0.2	59
1097340	0.35	328	1	0.004	19	0.036	14.3	0.025	0.7	1.6	0.25	10	0.1	6.7	0.017	0.05	0.9	31	0.2	51
1097341	0.25	202	0.9	0.003	20.5	0.032	13.9	0.025	0.8	1.6	0.25	6	0.1	8.2	0.012	0.05	1.1	24	0.2	51
1097342	0.22	618	1	0.003	41.6	0.037	19.4	0.025	1.1	1.6	0.25	15	0.1	10.2	0.007	0.05	2.3	18	0.05	80
1097343	0.48	283	1.2	0.004	32.5	0.033	21.2	0.025	0.6	1.2	0.25	10	0.1	11.3	0.007	0.05	1.7	19	0.05	78
1097344	0.25	316	1.2	0.003	34.5	0.032	18.6	0.025	1	1.2	0.25	7	0.1	13.7	0.008	0.05	1.7	18	0.05	80
1097345	0.35	462	1.3	0.006	40.5	0.035	24.4	0.025	0.9	1.6	0.25	7	0.1	16.6	0.007	0.05	2.4	17	0.05	93
1097346	0.47	372	1	0.005	35.1	0.055	17.3	0.025	0.8	2	0.25	14	0.1	10.9	0.021	0.05	1.6	26	0.2	78
1097347	0.47	273	1	0.004	28.2	0.036	16.1	0.025	0.7	1.7	0.25	9	0.1	10.3	0.017	0.05	1.5	24	0.1	66
1097348	0.28	180	1.5	0.004	17.1	0.031	17	0.025	0.7	1.6	0.25	8	0.1	6.1	0.023	0.05	0.9	43	0.2	50
1097349	0.25	295	0.9	0.003	35.4	0.043	17.4	0.025	0.7	1.3	0.25	7	0.1	9.7	0.011	0.05	1.7	17	0.05	87
1097350	0.37	250	0.8	0.005	17.9	0.03	12.8	0.025	0.5	2.6	0.25	11	0.1	5.5	0.026	0.05	1.6	29	0.2	51
1097351	0.4	348	0.7	0.005	20.9	0.03	15.7	0.025	2.2	2.5	0.25	10	0.1	6	0.026	0.05	1.1	35	0.2	57
1097352	0.41	254	1	0.005	18.7	0.032	10.8	0.025	1	2.4	0.25	11	0.1	4.4	0.025	0.05	1	34	0.1	54
1097353	0.31	420	1.2	0.004	13.5	0.051	14.4	0.025	0.9	1.5	0.9	8	0.1	4.1	0.021	0.05	0.7	38	0.2	49
1097354	0.24	196	0.8	0.003	9.7	0.036	14.1	0.025	0.9	0.8	0.25	7	0.1	0.8	0.014	0.05	0.6	30	0.1	37
1097355	0.2	82	0.8	0.004	7.3	0.028	11.1	0.025	0.6	0.6	0.5	7	0.1	0.3	0.014	0.05	0.7	31	0.1	26

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1097356	408174	7081748	8N	0.05	1.17	12.2	6.1	0.5	71	0.2	0.09	0.2	11.4	21	13.2	2.69	3	0.02	0.04	14
1097357	408130	7081771	8N	0.05	1.26	11.5	2.3	0.5	69	0.2	0.09	0.05	10	22	14.2	2.71	4	0.02	0.04	17
1097358	408083	7081790	8N	0.05	1.08	8.9	5.1	0.5	72	0.2	0.09	0.1	4.7	19	12.6	2.17	4	0.02	0.03	16
1097359	408036	7081809	8N	0.05	1.13	10.6	2.7	0.5	70	0.2	0.07	0.1	6.1	18	13.6	2.26	4	0.02	0.04	19
1097361	407984	7081816	8N	0.05	1.14	9.9	0.6	0.5	84	0.2	0.07	0.1	6.7	19	13.1	2.2	4	0.03	0.03	15
1097362	407938	7081836	8N	0.05	1.33	11.5	3.4	1	93	0.2	0.1	0.2	10.5	21	16.5	2.65	4	0.03	0.04	16
1097363	407892	7081857	8N	0.05	1.01	9.9	7.3	2	61	0.3	0.09	0.2	9.4	20	18.6	2.72	3	0.03	0.03	17
1097364	407842	7081864	8N	0.05	1.11	9.4	4.2	0.5	87	0.2	0.09	0.1	7	19	17.9	2.19	3	0.02	0.04	18
1097365	407791	7081870	8N	0.05	1.06	8.8	2.4	2	80	0.2	0.07	0.1	7.7	19	20.2	2.26	3	0.02	0.03	19
1097366	409160	7081000	8N	0.05	1.42	10.9	1.7	1	144	0.2	0.16	0.2	10.6	22	26.6	2.34	4	0.04	0.06	18
1097367	409207	7080981	8N	0.05	1.22	9.3	7.9	0.5	218	0.2	0.11	0.1	8.5	22	32.1	2.65	4	0.04	0.05	29
1097368	409249	7080954	8N	0.05	1.27	12.1	5	0.5	182	0.2	0.08	0.2	12.3	22	33.4	2.91	4	0.04	0.05	28
1097369	409293	7080931	8N	0.05	1.33	8.5	3.2	0.5	167	0.3	0.12	0.1	8	21	27.2	2.37	4	0.03	0.04	26
1097370	409334	7080901	8N	0.05	0.93	8.6	4.4	1	139	0.1	0.16	0.1	7.7	17	22	2.26	3	0.03	0.05	21
1097371	409393	7083030	8N	0.2	0.88	12.1	4.5	0.5	150	0.3	0.09	0.2	9.9	15	28.6	2.78	3	0.04	0.05	36
1097372	409345	7083043	8N	0.05	1.07	9.5	5.4	0.5	91	0.3	0.06	0.1	6.2	16	20.3	2.49	3	0.04	0.04	31
1097373	409315	7083082	8N	0.05	0.98	12.9	2.9	0.5	89	0.3	0.1	0.2	5.3	16	14.1	2.18	3	0.04	0.05	18
1097374	409275	7083113	8N	0.2	1.08	13.2	2.8	0.5	139	0.3	0.1	0.3	9.9	18	31.1	3.22	3	0.04	0.08	27
1097375	409240	7083151	8N	0.05	1.25	11.9	4.4	0.5	83	0.4	0.08	0.2	9.9	19	24.1	3.05	4	0.04	0.07	29
1097376	409211	7083193	8N	0.05	1.23	10.7	1.8	0.5	107	0.2	0.1	0.2	10.7	23	23.9	2.67	4	0.03	0.05	26
1097377	409179	7083231	8N	0.1	1.3	11.1	5	0.5	139	0.3	0.12	0.1	8.6	26	22.9	2.77	4	0.05	0.05	25
1097378	409146	7083270	8N	0.05	1.19	15	4.3	0.5	128	0.3	0.12	0.1	9.2	25	23.6	2.82	4	0.04	0.06	23
1097379	409114	7083309	8N	0.05	1.17	10.1	3.8	0.5	266	0.2	0.14	0.1	6.4	23	18.8	2.33	4	0.04	0.05	20
1097380	409082	7083347	8N	0.05	1.12	9.9	3.9	0.5	100	0.2	0.12	0.2	8.4	19	23.2	2.36	3	0.03	0.05	22
1097381	409050	7083386	8N	0.05	1.15	12.8	4.4	0.5	96	0.2	0.08	0.05	4.4	18	13.3	1.92	3	0.04	0.04	16
1097382	409023	7083429	8N	0.05	1.16	8.6	3.6	0.5	78	0.2	0.08	0.05	4.5	17	14.4	1.92	4	0.05	0.04	17
1097383	408990	7083466	8N	0.05	1.21	10.5	10.7	0.5	76	0.2	0.1	0.1	6.8	20	22.8	2.32	4	0.04	0.05	16
1097384	408952	7083500	8N	0.05	1.52	16.9	3.4	1	91	0.2	0.08	0.1	9	23	39.8	2.83	4	0.05	0.05	20
1097385	408908	7083526	8N	0.1	1.37	10.2	3.3	1	99	0.2	0.1	0.1	12.3	24	47.9	2.63	4	0.03	0.05	20
1097386	408868	7083557	8N	0.05	1.63	6.6	8.5	0.5	79	0.1	0.11	0.05	10.2	33	49.7	2.94	5	0.02	0.05	16
1097387	408825	7083583	8N	0.05	1.65	9.2	4	1	97	0.2	0.11	0.05	10.1	31	44.4	2.87	5	0.03	0.04	15
1097388	408786	7083615	8N	0.05	1.75	8.9	3.8	1	117	0.2	0.11	0.05	10.5	36	58.8	2.95	5	0.04	0.04	16
1097389	408748	7083646	8N	0.05	1.81	7.9	7	1	102	0.2	0.12	0.05	15.3	74	66.8	3.67	5	0.04	0.09	19
1097390	408709	7083680	8N	0.05	1.83	10.2	3.1	0.5	113	0.2	0.12	0.1	10.7	38	48.6	3.37	6	0.05	0.04	16
1097391	408672	7083715	8N	0.05	1.48	7.5	2.9	0.5	71	0.1	0.1	0.05	9.2	34	35.2	2.86	5	0.03	0.07	10
1097392	408642	7083756	8N	0.05	1.15	8.9	1.8	1	68	0.2	0.11	0.1	8.3	22	24.9	2.77	3	0.02	0.04	13
1097393	408607	7083793	8N	0.05	1.22	10.5	4.1	0.5	90	0.2	0.09	0.2	8.9	29	26.1	2.6	4	0.04	0.05	18
1097394	408572	7083829	8N	0.05	1.86	24.4	14.9	1	150	0.2	0.1	0.1	8.8	77	25.6	3.19	6	0.04	0.12	18
1097396	408541	7083868	8N	0.05	1.38	11.3	2.5	1	117	0.2	0.1	0.1	7.3	28	22.6	2.41	4	0.04	0.05	16
1097397	408509	7083906	8N	0.05	1.28	9.5	3.2	0.5	146	0.2	0.13	0.1	8.3	26	25.7	2.3	4	0.05	0.05	20
1097398	408477	7083946	8N	0.05	1.36	8.6	3.7	0.5	109	0.2	0.12	0.1	6.5	28	19.5	2.32	4	0.05	0.04	18
1097400	406824	7077317	8N	0.05	1.32	17.9	3.1	0.5	81	0.3	0.07	0.2	12.5	24	30.4	2.84	4	0.03	0.03	23
1097401	410980	7080590	8N	0.2	0.75	7.8	3.6	1	97	0.4	0.39	0.2	19.6	12	38.3	3.49	2	0.04	0.04	34
1097402	410930	7080578	8N	0.2	0.27	24.7	3	3	34	0.6	0.34	0.05	22.1	7	51.9	4.47	0.5	0.04	0.05	50
1097403	410882	7080563	8N	0.1	0.21	26.4	2.1	3	28	0.8	0.13	0.1	28.8	4	70.1	5.22	0.5	0.02	0.05	68
1097404	410836	7080543	8N	0.1	0.12	30	8.8	2	20	0.8	0.22	0.05	33.1	5	58.4	3.8	0.5	0.04	0.05	53

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1097356	0.34	551	1	0.004	15	0.064	11.7	0.025	0.9	1.8	0.25	9	0.1	2.6	0.023	0.05	0.7	34	0.2	64
1097357	0.33	487	1.2	0.004	13.3	0.058	12.7	0.025	0.9	1.7	0.25	9	0.1	2.1	0.027	0.05	0.7	42	0.2	54
1097358	0.25	179	1	0.005	11.6	0.042	12.9	0.025	0.8	1.3	0.25	10	0.1	0.7	0.018	0.05	0.8	40	0.05	36
1097359	0.28	228	1	0.004	11.9	0.039	12.7	0.025	1	1.8	0.5	8	0.1	2.4	0.026	0.05	0.8	38	0.2	43
1097361	0.29	267	1	0.005	13.2	0.042	12.7	0.025	0.7	1.6	0.25	8	0.1	1.8	0.019	0.05	0.8	37	0.2	51
1097362	0.37	477	1.1	0.006	16.3	0.055	13.7	0.025	0.7	2.1	0.25	11	0.1	3.1	0.025	0.05	0.9	41	0.2	64
1097363	0.31	481	1.2	0.004	17.7	0.055	14.1	0.025	0.9	1.2	0.25	8	0.1	2.8	0.021	0.05	0.8	36	0.2	56
1097364	0.33	234	0.8	0.004	15.9	0.038	11.2	0.025	0.6	1.8	0.25	9	0.1	2.7	0.023	0.05	1	35	0.2	51
1097365	0.32	247	1	0.004	16.9	0.035	12.8	0.025	0.8	1.5	0.25	7	0.1	3.6	0.019	0.05	1	34	0.1	53
1097366	0.39	291	1	0.005	24.5	0.076	10.9	0.025	1	3.3	0.25	11	0.1	4.1	0.035	0.05	1	37	0.3	69
1097367	0.39	238	0.8	0.005	20	0.054	13.2	0.025	1.2	2.5	0.25	11	0.1	7.3	0.028	0.05	1.4	31	0.1	61
1097368	0.37	390	1.1	0.006	27.8	0.045	12	0.025	2.6	2.4	0.25	11	0.1	5.5	0.022	0.05	1.3	32	0.2	66
1097369	0.4	236	0.9	0.005	18.9	0.057	11.8	0.025	1	2.4	0.25	11	0.1	6	0.027	0.05	1.4	32	0.2	62
1097370	0.32	210	0.6	0.007	19	0.055	7.9	0.025	1	1.8	0.25	14	0.1	4.6	0.026	0.05	0.9	26	0.2	53
1097371	0.25	330	1	0.003	27.5	0.05	18.4	0.025	5.1	2.5	0.7	16	0.1	6.6	0.008	0.1	1.5	23	0.1	70
1097372	0.3	200	0.8	0.003	17	0.047	15.5	0.025	2.4	1.4	0.6	10	0.1	3.8	0.009	0.05	1.4	25	0.1	52
1097373	0.3	231	0.9	0.004	13.7	0.052	26.6	0.025	3.1	1.4	0.25	13	0.1	1.7	0.017	0.1	0.9	28	0.2	59
1097374	0.31	422	1	0.005	27.5	0.064	18.7	0.025	2.7	1.7	0.25	15	0.1	2.1	0.009	0.1	1	27	0.1	84
1097375	0.25	437	0.9	0.005	20.5	0.071	26.5	0.025	2.1	1	0.25	12	0.1	1.7	0.009	0.1	1.7	30	0.2	71
1097376	0.37	368	1	0.004	22.8	0.053	17.5	0.025	1.7	2	0.8	13	0.1	4.5	0.02	0.1	1.2	33	0.2	71
1097377	0.4	358	0.8	0.005	22.2	0.07	17.6	0.025	1.9	2.3	0.25	14	0.1	1.9	0.019	0.1	1.4	37	0.2	68
1097378	0.39	387	1.1	0.006	25.8	0.062	17.1	0.025	2.3	2	0.5	14	0.1	1.9	0.027	0.1	1.2	39	0.2	71
1097379	0.36	313	0.7	0.005	17	0.051	13.1	0.025	1.3	2	0.5	14	0.1	1.8	0.023	0.1	1	33	0.2	55
1097380	0.39	353	0.8	0.005	20.4	0.055	18.9	0.025	2.5	2.4	0.25	12	0.1	4.8	0.032	0.05	1.1	32	0.2	65
1097381	0.3	186	0.7	0.003	11.1	0.046	18	0.025	2.3	1.4	0.7	9	0.1	1.5	0.014	0.1	0.9	30	0.2	44
1097382	0.3	170	0.7	0.004	12.1	0.055	12.9	0.025	1.8	0.8	0.25	10	0.1	0.7	0.01	0.1	0.8	29	0.1	42
1097383	0.36	295	0.8	0.004	16.4	0.053	16.5	0.025	2.6	1.4	0.25	10	0.1	1.4	0.016	0.1	0.8	31	0.2	52
1097384	0.49	341	0.8	0.004	23	0.051	15.6	0.025	3	1.9	0.25	8	0.1	1.6	0.01	0.1	0.7	36	0.1	57
1097385	0.52	329	0.6	0.004	28.5	0.053	10.3	0.025	1.1	2.8	0.25	9	0.1	4.4	0.021	0.05	0.9	36	0.2	56
1097386	0.7	290	0.6	0.004	26.4	0.049	8.8	0.025	0.6	2.5	0.25	9	0.1	2.4	0.023	0.1	0.5	49	0.1	53
1097387	0.61	290	0.7	0.005	25.5	0.049	9.3	0.025	0.7	2.4	0.25	10	0.1	2.3	0.022	0.1	0.6	48	0.2	54
1097388	0.62	282	0.7	0.004	26.7	0.058	10.4	0.025	0.7	2.9	0.25	9	0.1	1.5	0.02	0.1	0.8	54	0.1	52
1097389	0.84	376	0.6	0.004	39.5	0.063	10.7	0.025	1	4.1	0.25	11	0.1	2.8	0.033	0.2	0.7	63	0.1	58
1097390	0.62	402	1.1	0.005	25.8	0.075	12.1	0.025	0.7	2.3	0.25	11	0.1	0.9	0.015	0.1	0.8	57	0.1	61
1097391	0.62	273	0.7	0.004	22	0.039	6.7	0.025	0.7	1.8	0.25	8	0.1	1.1	0.035	0.1	0.5	54	0.2	50
1097392	0.33	368	1	0.003	20.4	0.062	12	0.025	1.5	1.4	0.25	11	0.1	1.4	0.015	0.1	0.7	37	0.2	52
1097393	0.41	335	0.8	0.005	26.8	0.052	11.8	0.025	1.6	2	0.25	12	0.1	1.8	0.021	0.1	0.8	37	0.1	63
1097394	0.68	296	0.9	0.006	21.3	0.056	16.4	0.025	3.6	3.8	0.25	11	0.1	1.6	0.065	0.3	0.9	64	0.1	76
1097396	0.43	239	0.9	0.005	20.1	0.051	11.2	0.025	1.8	1.8	0.25	10	0.1	0.8	0.023	0.2	0.8	43	0.2	56
1097397	0.42	265	0.8	0.005	19.7	0.055	10.3	0.025	1.4	2.4	0.25	11	0.1	2.4	0.034	0.1	0.9	41	0.2	54
1097398	0.43	196	0.8	0.006	17.7	0.056	10.3	0.025	1	2	0.25	10	0.1	1.3	0.028	0.1	0.8	44	0.2	53
1097400	0.47	371	0.8	0.003	25.4	0.045	27.6	0.025	0.6	1.5	0.25	7	0.1	6.3	0.018	0.05	0.9	30	0.2	63
1097401	0.26	653	1.1	0.005	39.5	0.061	23.4	0.08	1.4	1.6	0.8	30	0.1	5.4	0.004	0.05	2.6	16	0.05	79
1097402	0.14	554	1.3	0.004	42.1	0.047	35.8	0.06	12.6	3.2	0.9	23	0.1	11.1	5E-04	0.3	2.8	6	0.05	98
1097403	0.07	398	1.4	0.003	58.4	0.04	32.3	0.025	7.3	2.1	0.25	9	0.1	20.7	5E-04	0.2	2.6	4	0.05	117
1097404	0.08	589	1.4	0.003	54.1	0.044	45	0.1	18.1	2.2	0.25	20	0.1	23.7	5E-04	0.2	2.2	3	0.05	114

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1097405	410788	7080525	8N	0.2	0.87	15	0.25	1	45	0.6	0.07	0.2	18.7	16	55.9	4.95	3	0.02	0.07	44
1097406	410749	7080494	8N	0.1	1.04	15.1	1.7	0.5	35	0.6	0.03	0.05	18.6	14	56	4.73	3	0.02	0.04	60
1097407	410706	7080464	8N	0.05	1.03	18.7	2.3	0.5	34	0.6	0.02	0.05	18.8	14	70.7	5.34	3	0.02	0.05	61
1097408	410656	7080446	8N	0.3	1.22	13.1	1.7	0.5	55	0.5	0.04	0.05	9.5	19	60.6	5.32	4	0.04	0.04	56
1097409	410609	7080431	8N	0.1	1.18	10.2	1	0.5	38	0.5	0.02	0.05	8.7	17	58.4	5.37	4	0.03	0.04	58
1097410	410560	7080417	8N	0.2	0.95	14.7	2.4	1	108	0.5	0.1	0.05	18.8	12	35.8	4.01	2	0.04	0.03	42
1097411	410512	7080408	8N	0.1	0.64	12.9	0.5	1	44	0.5	0.04	0.1	19.3	15	45.3	4.28	2	0.02	0.04	46
1097412	410460	7080406	8N	0.05	0.33	12.4	4.7	0.5	39	0.7	0.06	0.05	25.6	5	69.3	4.54	0.5	0.03	0.07	71
1097413	410410	7080400	8N	0.1	0.79	13.9	5.5	0.5	48	0.4	0.03	0.2	16.6	13	46.7	4.14	2	0.03	0.04	48
1097414	410361	7080391	8N	0.2	1.13	12.8	2.6	0.5	43	0.5	0.14	0.05	15.2	16	53.3	4.81	3	0.02	0.04	48
1097415	410317	7080368	8N	0.2	1.1	11.5	1.6	0.5	77	0.6	0.17	0.2	20.1	17	50.9	4.59	3	0.02	0.05	45
1097416	410268	7080359	8N	0.3	0.58	28.1	4.8	0.5	57	0.4	0.09	0.1	16.9	8	42.4	3.63	2	0.02	0.06	58
1097417	410223	7080335	8N	0.05	0.95	11.8	4.9	0.5	45	0.5	0.05	0.05	25.6	15	49.5	4.64	3	0.03	0.04	53
1097418	410174	7080322	8N	0.2	0.61	15.4	2.3	0.5	61	0.5	0.05	0.1	22.7	11	40.9	4.1	2	0.02	0.07	52
1097419	410129	7080297	8N	0.3	0.76	18.5	3.1	0.5	48	0.5	0.16	0.05	23.5	13	54.7	4.71	2	0.02	0.05	61
1097420	410079	7080283	8N	0.7	0.7	27.9	4.1	0.5	50	0.4	0.03	0.2	17.8	10	48.8	4.09	2	0.02	0.06	61
1097421	410036	7080259	8N	3	1.27	80.1	13.2	1	44	1.1	0.08	0.6	13.2	25	74	6.42	4	0.03	0.07	25
1097422	409989	7080243	8N	1.7	0.85	47.7	4.4	0.5	33	0.5	0.05	0.4	19	12	55.2	4.87	2	0.02	0.05	56
1097423	409944	7080220	8N	2.8	0.64	72.1	11.6	1	50	0.5	0.05	0.7	13.3	20	44.6	3.52	3	0.09	0.05	22
1097424	409906	7080183	8N	0.6	0.67	47.1	9.6	0.5	42	0.4	0.02	0.2	25.8	10	49.5	4.79	2	0.02	0.05	60
1097425	409879	7080137	8N	0.9	0.66	46.1	1.7	0.5	105	0.3	0.14	0.5	9.2	11	24.6	2.15	3	0.05	0.04	26
1097426	409793	7080087	8N	3.6	0.9	62.1	16.9	2	56	0.8	0.06	0.3	22.1	15	70	5.35	2	0.06	0.04	36
1097427	409742	7080077	8N	1.5	0.8	85.5	29.8	1	70	0.5	0.04	0.4	21	12	54	5.12	3	0.03	0.04	34
1097428	409693	7080065	8N	2	1.07	87	9.6	1	90	0.5	0.04	1.2	20.7	19	51	4.48	4	0.09	0.05	31
1097429	409645	7080054	8N	5.7	1.01	119.7	18	2	56	0.7	0.05	1.5	53.5	14	72.3	6.16	3	0.12	0.05	44
1097430	409596	7080047	8N	1.5	0.69	58	8.3	1	43	0.5	0.04	0.3	20.1	14	50.7	4.46	2	0.04	0.05	36
1097431	409549	7080051	8N	2.6	1.22	121.9	14.3	2	46	0.9	0.02	0.1	39.9	15	110.5	7.66	3	0.07	0.05	39
1097433	417562	7083811	8N	0.2	1.45	16.4	11.8	0.5	92	0.4	0.06	0.2	13.1	20	35.1	3.36	4	0.005	0.05	45
1097434	417605	7083835	8N	0.1	1.27	10.4	14.2	0.5	60	0.3	0.05	0.2	6.9	19	22.6	2.59	4	0.03	0.04	36
1097435	417656	7083850	8N	0.4	0.88	11.9	3.1	3	57	0.5	0.06	0.1	5.2	12	20.6	2	4	0.05	0.05	26
1097437	405666	7077912	8N	0.2	0.95	13	0.25	0.5	22	0.7	0.05	0.3	8.7	17	13.9	2	3	0.02	0.03	32
1097438	405686	7077960	8N	0.05	1.21	16.1	1	0.5	82	0.2	0.08	0.2	7.1	19	17.5	2.32	4	0.02	0.04	25
1097439	405715	7078001	8N	0.3	0.92	39.2	10	1	104	0.2	0.2	0.7	8.5	18	21.5	1.96	3	0.02	0.06	22
1097440	405739	7078045	8N	0.2	1.48	17	3.9	1	133	0.2	0.14	0.9	9.6	24	21.5	2.42	4	0.03	0.06	17
1097441	405767	7078088	8N	0.7	1.48	14.5	2.3	1	69	0.3	0.1	1.1	14.4	25	28	2.73	4	0.04	0.04	17
1097442	405794	7078131	8N	0.2	1.34	11.2	4.7	1	113	0.3	0.13	0.8	8.4	20	25	2.23	4	0.03	0.03	16
1097443	405824	7078172	8N	0.6	1.2	23	4.3	0.5	120	0.3	0.13	4.5	9.6	18	17.2	2.33	4	0.04	0.04	16
1097444	405858	7078210	8N	0.3	1.15	30.2	3.6	0.5	171	0.3	0.19	1.6	9.6	19	17.4	2.16	3	0.04	0.05	23
1097446	405870	7078259	8N	0.2	1.28	30.9	4.9	0.5	153	0.3	0.23	1.6	12.3	19	21.5	2.46	3	0.03	0.04	23
1097447	405894	7078304	8N	0.1	1.46	18.8	3.5	0.5	170	0.2	0.13	0.3	9.1	23	20.4	2.4	4	0.04	0.04	24
1097448	405921	7078345	8N	0.1	0.98	22.6	8.3	1	126	0.2	0.19	0.3	8.7	16	22	2.04	3	0.03	0.03	18
1097450	405943	7078393	8N	0.5	1.02	47.6	9	0.5	80	0.3	0.15	2.7	12.3	20	15.8	2.37	3	0.03	0.05	20
1097451	409917	7085018	8N	0.05	1.01	9.6	1.2	1	65	0.2	0.07	0.2	8.2	21	14.3	2	4	0.02	0.04	17
1097452	409867	7085025	8N	0.05	1.36	30.9	1.4	0.5	78	0.2	0.08	0.1	7	30	16.2	2.55	5	0.03	0.04	23
1097453	409826	7085056	8N	0.05	1.43	9.6	2.1	1	117	0.2	0.12	0.2	14	25	25.7	2.69	4	0.02	0.05	21
1097454	409787	7085088	8N	0.05	1.13	9	5.4	0.5	86	0.2	0.09	0.1	7.3	22	15.7	2.17	4	0.01	0.04	16

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1097405	0.32	452	1.7	0.005	32.8	0.074	39.4	0.07	5	2.4	0.6	16	0.1	12.2	0.002	0.1	2.3	12	0.05	92
1097406	0.42	308	1.4	0.005	44.7	0.044	33.3	0.025	3.9	2.2	0.5	10	0.1	22.1	0.001	0.05	2.6	10	0.05	100
1097407	0.32	338	2.4	0.005	46.9	0.048	38.5	0.025	4.3	2.4	0.7	10	0.1	23.8	0.002	0.05	3.1	12	0.05	111
1097408	0.41	260	1.5	0.004	24.4	0.055	26.9	0.025	1.4	1.6	0.25	11	0.1	21.4	0.002	0.05	1.7	17	0.05	87
1097409	0.37	176	1.3	0.004	23.5	0.049	23.9	0.025	1.6	1.4	0.6	7	0.1	22.1	0.005	0.05	1.8	15	0.05	84
1097410	0.19	747	1.2	0.004	34.6	0.059	28.1	0.025	5.2	2	0.25	15	0.1	7.7	0.003	0.1	2.9	17	0.05	78
1097411	0.19	492	2	0.005	35.3	0.074	26.6	0.025	4.8	1.2	0.5	12	0.1	3.6	0.003	0.05	2.2	17	0.05	95
1097412	0.1	337	1	0.005	54.5	0.037	31.4	0.025	7.2	2.7	0.6	17	0.1	24.8	5E-04	0.05	2.5	4	0.05	114
1097413	0.26	273	1.2	0.004	42.2	0.044	24.3	0.025	2.5	1.8	0.5	9	0.1	15.7	0.004	0.05	2.2	15	0.05	102
1097414	0.43	289	1.3	0.005	39.9	0.048	29.2	0.025	2	1.9	0.7	15	0.1	16.4	0.001	0.05	2.9	12	0.05	101
1097415	0.36	558	1.5	0.005	44.5	0.066	35.6	0.06	1.9	1.8	0.25	17	0.1	11.8	0.003	0.05	3	15	0.05	113
1097416	0.2	282	1.1	0.004	34.8	0.036	21.7	0.05	8	1.8	0.25	14	0.1	14.4	0.002	0.05	1.4	9	0.05	79
1097417	0.34	669	1.6	0.004	41.1	0.053	31.7	0.025	1.6	1.6	0.8	11	0.1	15.7	0.005	0.05	2.8	14	0.05	106
1097418	0.15	1037	1.3	0.005	36.3	0.056	24	0.06	2.5	1.5	0.25	12	0.1	9.7	0.002	0.05	1.4	12	0.05	87
1097419	0.28	675	1	0.004	55.4	0.044	28.9	0.06	3	2.3	0.25	20	0.1	17.3	0.002	0.05	3.4	11	0.05	103
1097420	0.17	438	1.2	0.004	38	0.037	33.5	0.05	3	1.8	0.7	11	0.1	16.9	0.003	0.05	2	11	0.05	101
1097421	0.45	645	2.9	0.006	31.4	0.089	67.5	0.07	3.4	1.5	0.6	12	0.1	16.1	0.003	0.05	1.8	16	0.05	141
1097422	0.34	451	1.1	0.005	43.1	0.039	37.7	0.025	3.8	2.2	0.25	13	0.1	20.6	0.001	0.05	2.4	10	0.05	128
1097423	0.18	377	2	0.007	34	0.109	104.3	0.07	6.1	0.9	0.7	9	0.1	1.7	0.006	0.05	1.6	18	0.05	131
1097424	0.14	573	1.2	0.004	51.8	0.041	36	0.025	7.2	2.1	0.25	11	0.1	21.1	0.003	0.05	2.4	10	0.05	109
1097425	0.2	489	0.7	0.007	19.8	0.066	18.6	0.025	4.1	0.6	0.25	15	0.1	0.9	0.011	0.1	1.4	21	0.05	70
1097426	0.2	692	2.2	0.005	47.2	0.075	82.3	0.08	8.9	1.6	0.25	11	0.1	12.1	0.004	0.1	2.9	15	0.05	167
1097427	0.16	566	1.6	0.004	50.4	0.05	33.2	0.025	6.5	1.6	0.25	10	0.1	12.9	0.004	0.1	2.4	16	0.05	132
1097428	0.2	1157	1.9	0.006	34.9	0.091	50.8	0.06	6.2	1.4	0.25	14	0.1	5.1	0.012	0.1	2.2	27	0.05	138
1097429	0.24	1914	2	0.005	74.4	0.083	71.3	0.025	10.2	2.3	0.6	14	0.1	16.9	0.005	0.2	4.7	16	0.05	181
1097430	0.18	447	1.7	0.004	44.8	0.043	35.6	0.025	7	1.8	0.25	8	0.1	14.3	0.009	0.1	2.7	17	0.05	119
1097431	0.25	824	2.1	0.005	72.2	0.089	53.2	0.025	15	2.8	0.7	11	0.1	26.9	0.004	0.2	5.2	14	0.05	161
1097433	0.44	360	1.2	0.005	29.1	0.036	35.8	0.025	4.7	1.5	0.6	15	0.1	14.1	0.005	0.05	1.6	26	0.1	81
1097434	0.43	171	0.9	0.004	20.2	0.032	29.2	0.025	2.6	1.3	0.25	11	0.1	9.6	0.011	0.05	1.1	26	0.1	62
1097435	0.22	320	0.9	0.005	15.2	0.044	42.6	0.08	13	1.2	0.25	14	0.1	8.2	0.017	0.05	1	21	0.1	64
1097437	0.35	881	0.5	0.003	15.8	0.04	38.2	0.025	0.2	0.9	0.25	5	0.1	7.7	0.007	0.05	0.6	15	0.05	69
1097438	0.31	423	0.8	0.004	16.4	0.051	21.8	0.025	0.4	0.9	0.25	8	0.1	1.7	0.011	0.1	0.7	30	0.1	58
1097439	0.32	529	0.7	0.006	24.5	0.058	29.8	0.025	0.9	1.7	0.25	14	0.1	6.5	0.033	0.1	0.8	30	0.2	101
1097440	0.43	390	0.8	0.006	23.9	0.058	16.6	0.025	0.8	2.3	0.25	13	0.1	3.5	0.03	0.1	0.7	41	0.2	127
1097441	0.58	773	0.6	0.003	28.5	0.061	150.8	0.025	0.6	1.9	0.7	11	0.1	5.5	0.015	0.1	0.5	31	0.1	151
1097442	0.39	467	0.7	0.007	17.8	0.057	16.3	0.025	0.5	2	0.25	13	0.1	2.2	0.021	0.1	0.9	33	0.2	159
1097443	0.29	649	0.7	0.004	21	0.046	54.8	0.025	0.7	1.6	0.7	11	0.1	4.1	0.017	0.05	0.7	32	0.2	345
1097444	0.3	630	0.7	0.005	23	0.054	33.7	0.025	0.6	1.8	0.25	16	0.1	4	0.025	0.1	0.7	35	0.1	115
1097446	0.36	1286	0.7	0.004	23.8	0.052	34.3	0.025	0.5	2.2	0.25	17	0.1	5.4	0.015	0.05	0.8	29	0.1	100
1097447	0.39	356	0.8	0.005	20.2	0.05	20.4	0.025	0.5	2.1	0.25	12	0.1	3.1	0.025	0.1	0.8	42	0.2	70
1097448	0.33	351	0.5	0.005	22.4	0.064	15.3	0.025	0.6	1.8	0.25	15	0.1	4.2	0.021	0.05	0.8	27	0.2	73
1097450	0.31	924	0.7	0.004	21.4	0.072	95.2	0.025	0.9	1.6	0.25	12	0.1	5.3	0.025	0.05	0.7	32	0.3	237
1097451	0.37	359	1.1	0.004	15.3	0.043	23.7	0.025	6.5	0.4	0.25	9	0.1	0.4	0.011	0.05	0.6	36	0.2	45
1097452	0.43	176	1.1	0.004	18.1	0.04	37.6	0.025	7.6	1.2	0.25	9	0.1	5.6	0.016	0.1	1	42	0.1	43
1097453	0.49	434	1	0.006	27.7	0.054	21.9	0.025	4.7	1.4	0.25	12	0.1	5.2	0.025	0.05	1.3	36	0.2	69
1097454	0.35	271	0.9	0.004	15.7	0.047	13.4	0.025	1.2	0.9	0.25	9	0.1	2.2	0.019	0.05	0.8	36	0.2	43

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1097455	409747	7085120	8N	0.05	1.32	11.1	2.3	1	87	0.2	0.09	0.2	12.8	24	18.5	2.85	4	0.01	0.05	16
1097456	409706	7085149	8N	0.05	1.19	8.4	5.2	1	102	0.2	0.09	0.2	7.7	23	14.5	2.23	4	0.02	0.05	17
1097457	409680	7085193	8N	0.05	1.27	9.5	4.2	2	132	0.3	0.09	0.2	13.8	22	26.3	3.01	3	0.02	0.05	24
1097458	409638	7085223	8N	0.05	1.22	8.8	3	1	153	0.2	0.12	0.1	7.7	21	18.5	2.19	4	0.03	0.04	17
1097459	409598	7085254	8N	0.05	1	10.1	3.9	1	147	0.1	0.16	0.1	8	20	21.6	2.05	3	0.005	0.05	16
1097460	409554	7085275	8N	0.05	0.9	8.5	3.6	0.5	67	0.2	0.06	0.1	5.9	20	10.1	2.02	4	0.02	0.05	16
1097461	409505	7085292	8N	0.05	0.49	3.3	16.4	0.5	145	0.3	0.04	0.3	26.9	16	59.2	5.01	2	0.16	0.04	47
1097463	409406	7085304	8N	0.1	0.51	5.5	2.7	0.5	33	0.4	0.05	0.05	14.8	14	39.9	3.98	2	0.08	0.05	65
1097465	409356	7085297	8N	0.6	0.42	1.8	4.1	0.5	71	0.5	0.02	0.3	18.3	10	39.7	4.35	1	0.08	0.07	66
1097466	409306	7085308	8N	0.05	1.24	12.3	4.8	0.5	155	0.2	0.13	0.2	9.1	25	23.3	2.72	4	0.02	0.06	25
1097467	409257	7085319	8N	0.05	1.09	9.8	2.7	0.5	154	0.3	0.16	0.1	10.5	23	28.3	2.78	4	0.02	0.08	28
1097468	409207	7085324	8N	0.1	0.91	7	2.3	0.5	75	0.3	0.07	0.1	12.8	16	33.3	3.38	3	0.02	0.05	37
1097469	409158	7085316	8N	0.05	1.29	12.9	2.6	0.5	66	0.3	0.09	0.3	14.6	25	32.6	3.77	4	0.02	0.06	33
1097470	409111	7085301	8N	0.05	0.44	5.7	2.7	0.5	87	0.3	0.04	0.1	18.2	8	41	4.18	1	0.07	0.05	56
1097471	409061	7085306	8N	0.3	1.66	21.6	3.2	0.5	158	0.3	0.24	0.3	17.2	50	47.9	4.47	5	0.005	0.11	30
1097472	409011	7085300	8N	0.1	1.19	14.6	3.7	0.5	134	0.2	0.23	0.1	14.2	41	40.8	3.37	4	0.03	0.06	28
1097473	408961	7085294	8N	0.1	1.41	22.4	3.4	0.5	88	0.3	0.1	0.2	16.9	52	41.6	3.94	4	0.04	0.06	41
1097474	408911	7085300	8N	0.2	1.03	79.1	3.4	0.5	52	0.3	0.04	0.1	15.3	15	39.4	3.7	3	0.03	0.07	47
1097475	408860	7085296	8N	0.1	1.67	9.2	1.2	0.5	86	0.4	0.08	0.2	16.8	32	35	4	5	0.01	0.06	26
1097476	408810	7085296	8N	0.1	0.92	11.4	1.3	0.5	86	0.3	0.08	0.2	13.7	22	31.1	3.4	3	0.01	0.06	42
1097477	408759	7085291	8N	0.2	1.26	9.1	0.9	0.5	69	0.3	0.1	0.2	12.9	22	30.1	3.25	4	0.02	0.07	31
1097478	408710	7085290	8N	0.2	0.92	10.3	2.7	0.5	87	0.3	0.15	0.3	14.5	22	34.7	3.78	3	0.02	0.05	39
1097479	408662	7085275	8N	0.2	1.56	19	2.6	0.5	55	0.4	0.04	0.2	15	28	51	4.71	4	0.01	0.03	54
1097480	408612	7085271	8N	0.2	1.45	12.5	15.8	0.5	104	0.5	0.09	0.3	13.7	21	28.3	3.33	4	0.02	0.06	30
1097481	408561	7085275	8N	0.2	1.18	54.5	3.1	0.5	72	0.3	0.15	0.8	16.1	40	40.3	4.06	3	0.03	0.06	48
1097482	409336	7081845	8N	0.1	1.05	10.5	4.8	0.5	76	0.2	0.08	0.2	9.6	18	16.9	2.36	4	0.03	0.03	18
1097483	409291	7081823	8N	0.1	1.03	11.2	1.2	0.5	96	0.2	0.09	0.2	9.4	18	15.9	2.4	4	0.03	0.04	17
1097484	409244	7081807	8N	0.05	1.1	9.9	5.8	0.5	98	0.2	0.12	0.2	10.5	23	17.3	2.4	3	0.02	0.05	19
1097485	409196	7081792	8N	0.05	1.07	8.7	2.1	0.5	96	0.2	0.09	0.05	6.5	20	16.4	2.13	4	0.02	0.04	20
1097486	409147	7081777	8N	0.05	1.15	9.7	6.4	0.5	109	0.2	0.09	0.2	10.1	20	17	2.21	4	0.02	0.04	18
1097487	409097	7081768	8N	0.05	1.27	11.6	2.8	0.5	76	0.3	0.06	0.1	7.8	20	22.8	2.59	4	0.04	0.03	17
1097488	409048	7081757	8N	0.3	1.03	10	1.3	0.5	72	0.2	0.11	0.2	5.2	17	13.9	2.17	4	0.02	0.04	12
1097489	408998	7081751	8N	0.05	1.04	12.9	5.3	0.5	79	0.3	0.12	0.2	10.3	18	28.4	3.03	3	0.02	0.04	36
1097490	408950	7081733	8N	0.05	1.01	8.9	2.3	0.5	64	0.2	0.07	0.1	8.9	17	20.1	2.53	3	0.02	0.03	23
1097491	408904	7081712	8N	0.05	1.52	11.3	1.6	0.5	67	0.2	0.06	0.1	8.6	22	18.8	2.94	5	0.03	0.04	21
1097492	408856	7081725	8N	0.05	1.33	11.1	1.3	0.5	77	0.2	0.07	0.2	12	22	27.3	3.17	4	0.02	0.04	26
1097493	408805	7081717	8N	0.05	1.34	11.9	3	0.5	91	0.2	0.12	0.05	9.9	23	16	2.62	4	0.03	0.04	18
1097494	408757	7081703	8N	0.3	1.39	10.3	2.2	0.5	64	0.1	0.05	0.2	11.5	21	22.8	2.88	4	0.04	0.05	20
1097495	408707	7081696	8N	0.05	1.14	9.2	2.4	0.5	61	0.2	0.06	0.2	10.4	19	24.9	2.97	3	0.02	0.04	24
1097496	408658	7081684	8N	0.05	1.14	8.2	2.1	0.5	87	0.1	0.07	0.1	7.6	19	26.6	2.46	3	0.03	0.04	23
1097497	408609	7081672	8N	0.05	1.06	9.1	2.4	0.5	88	0.1	0.09	0.1	9	19	21.9	2.3	3	0.02	0.04	19
1097498	408558	7081670	8N	0.05	1.23	11.2	0.25	1	58	0.1	0.06	0.1	8.5	20	20.2	2.61	4	0.03	0.04	18
1097499	408509	7081663	8N	0.05	1.33	11.7	3.9	0.5	97	0.3	0.06	0.1	11.4	21	23.5	2.84	4	0.04	0.04	20
1097500	408461	7081680	8N	0.05	1.24	12	2	0.5	97	0.3	0.09	0.1	10.5	22	19.1	2.78	4	0.03	0.04	17
1098001	407282	7079444	8N	0.3	1.21	17.7	9.2	0.5	138	0.3	0.15	0.3	9.1	21	30.6	2.47	4	0.005	0.04	24
1098002	407234	7079434	8N	0.05	1.35	29.3	2.9	0.5	164	0.3	0.09	0.1	10.9	25	36	2.86	4	0.04	0.04	26

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1097455	0.4	471	1.1	0.005	20.5	0.039	15.5	0.025	2.8	1.3	0.25	9	0.1	5.5	0.027	0.05	0.8	40	0.1	62
1097456	0.32	229	0.9	0.005	16.6	0.037	11.2	0.025	1.3	1.1	0.25	10	0.1	3.2	0.025	0.05	0.8	36	0.1	49
1097457	0.31	395	1.1	0.006	31.8	0.041	19.6	0.025	6.4	1.7	0.25	10	0.1	8.5	0.026	0.1	1.2	34	0.1	68
1097458	0.37	211	0.8	0.006	18.1	0.042	11	0.025	0.8	1.4	0.25	10	0.1	3.2	0.027	0.05	1	40	0.2	50
1097459	0.33	323	0.6	0.006	20.8	0.054	9.1	0.025	0.8	1.5	0.25	14	0.1	4.9	0.032	0.05	0.9	32	0.2	46
1097460	0.29	228	1.1	0.004	12.3	0.037	18.3	0.025	1.8	0.5	0.25	8	0.1	0.5	0.017	0.1	0.6	37	0.2	38
1097461	0.15	586	1.6	0.003	60.5	0.045	21.6	0.06	4.6	1	0.25	10	0.1	10.7	0.007	0.1	3	13	0.05	116
1097463	0.22	274	1.1	0.005	36.8	0.036	21	0.025	0.5	1.1	0.25	14	0.1	20.2	5E-04	0.1	2.6	8	0.05	89
1097465	0.04	430	1.2	0.011	42.1	0.045	50.1	0.025	2.8	1.4	0.25	27	0.1	24.2	5E-04	0.1	2.9	9	0.05	106
1097466	0.46	298	1.1	0.006	25.4	0.039	31.7	0.025	5.5	1.4	0.25	14	0.1	7.8	0.018	0.1	0.9	31	0.1	64
1097467	0.45	339	0.9	0.005	28.8	0.041	23.7	0.025	3.3	1.3	0.25	16	0.1	8.4	0.022	0.1	1.2	26	0.05	70
1097468	0.37	281	1	0.004	34.7	0.037	20.2	0.025	2.2	1.1	0.25	12	0.1	12.7	0.008	0.05	1.9	16	0.05	75
1097469	0.56	370	1	0.004	40.8	0.047	25	0.025	4.9	0.9	0.25	13	0.1	14.2	0.008	0.05	1.5	21	0.05	89
1097470	0.09	734	0.9	0.004	43.6	0.034	21.8	0.025	3	1.6	0.25	26	0.1	18.9	5E-04	0.05	2.2	13	0.05	87
1097471	0.81	627	1.1	0.005	61.7	0.068	27	0.025	6.1	1.7	0.25	21	0.1	5.9	0.009	0.1	1.2	31	0.1	107
1097472	0.62	526	0.8	0.005	47.8	0.048	25.8	0.025	2.5	1.8	0.25	21	0.1	8.7	0.011	0.05	1.3	26	0.05	71
1097473	0.77	349	1	0.004	53	0.034	70.5	0.025	20.4	1.9	0.25	16	0.1	13.5	0.004	0.05	1.7	29	0.05	100
1097474	0.31	282	1.1	0.004	35.2	0.033	26.8	0.025	146.5	1	0.25	15	0.1	17.7	0.002	0.1	2	15	0.05	78
1097475	0.51	399	1.7	0.005	35.4	0.042	28.2	0.025	2.2	1.1	0.25	12	0.1	7.7	0.018	0.05	1.7	37	0.05	75
1097476	0.3	288	1.2	0.004	35.8	0.026	34.2	0.025	9.9	1.1	0.25	14	0.1	14.3	0.002	0.05	1.5	20	0.05	90
1097477	0.38	388	1.4	0.005	31.1	0.033	23.5	0.025	2.7	1	0.25	12	0.1	7.8	0.008	0.05	1.7	32	0.1	70
1097478	0.44	379	1	0.004	39.5	0.048	40.4	0.025	8.1	1.2	0.25	20	0.1	10.8	0.003	0.05	1.7	19	0.05	100
1097479	0.62	279	1.6	0.003	54.8	0.043	73	0.025	19.2	1.6	0.5	10	0.1	18.9	0.001	0.05	2.7	27	0.05	112
1097480	0.4	283	1.1	0.004	35.9	0.029	29.2	0.025	8.3	1.2	0.25	11	0.1	9.7	0.011	0.1	1.3	35	0.05	77
1097481	0.63	397	0.8	0.004	53	0.038	100.7	0.025	48.4	1.4	0.25	19	0.1	15	0.003	0.05	2.1	20	0.05	132
1097482	0.31	416	1	0.004	13.7	0.056	17.3	0.025	1.5	0.9	0.25	9	0.1	1.2	0.012	0.05	1	31	0.2	52
1097483	0.31	419	1.1	0.004	15.5	0.047	16.8	0.025	1.5	1.2	0.25	10	0.1	1.7	0.016	0.05	0.9	34	0.2	54
1097484	0.39	348	0.7	0.005	23.6	0.055	12.4	0.025	1.5	2.3	0.25	10	0.1	4.4	0.022	0.05	1	30	0.2	76
1097485	0.31	230	0.9	0.004	15.4	0.041	13	0.025	1.4	1.6	0.25	10	0.1	1.5	0.019	0.05	1	35	0.2	43
1097486	0.33	377	0.8	0.004	16.3	0.045	12.8	0.025	1	1.7	0.25	10	0.1	1.8	0.02	0.05	0.9	34	0.2	49
1097487	0.34	251	0.8	0.005	16.2	0.033	14.7	0.025	2.1	2.2	0.25	8	0.1	6	0.023	0.05	1.1	36	0.1	54
1097488	0.21	164	1.2	0.006	12.8	0.095	12.1	0.025	3	1.2	0.25	10	0.1	0.5	0.019	0.05	0.8	39	0.2	46
1097489	0.36	412	1.1	0.006	20.7	0.05	16.1	0.025	7.1	2	0.25	12	0.1	8	0.012	0.05	1.5	24	0.1	75
1097490	0.29	303	1	0.008	15.7	0.046	17	0.025	1.1	1.3	0.25	8	0.1	2.3	0.016	0.05	1	30	0.1	49
1097491	0.3	229	1.2	0.005	17	0.026	15.4	0.025	1.6	2.5	0.6	8	0.1	7.8	0.025	0.05	0.8	45	0.1	59
1097492	0.43	404	1	0.004	22.8	0.04	15.5	0.025	2	2.4	0.6	10	0.1	8.4	0.025	0.05	1.2	35	0.1	69
1097493	0.36	304	0.9	0.005	18.3	0.05	13.7	0.025	0.9	2.4	0.25	11	0.1	5.8	0.028	0.05	0.9	38	0.2	59
1097494	0.31	182	1.1	0.004	20.3	0.032	17.6	0.025	1	1.8	0.25	7	0.1	8.2	0.012	0.05	0.9	34	0.1	54
1097495	0.35	323	1.1	0.004	21.5	0.041	16.5	0.025	1.4	1.4	0.25	8	0.1	8.8	0.014	0.05	0.8	28	0.1	68
1097496	0.36	198	0.9	0.007	20	0.026	17.5	0.025	0.9	2	0.25	9	0.1	8.8	0.014	0.05	1	26	0.2	55
1097497	0.34	296	0.8	0.004	18.7	0.042	14.2	0.025	1.2	1.6	0.25	10	0.1	5.5	0.017	0.05	0.9	27	0.1	59
1097498	0.34	304	1	0.004	17.4	0.037	14.5	0.025	1.8	1.7	0.25	8	0.1	6.8	0.016	0.05	0.7	32	0.1	60
1097499	0.4	376	1.1	0.004	18.9	0.037	22.3	0.025	1.8	1.7	0.6	8	0.1	7.6	0.02	0.05	0.9	35	0.2	61
1097500	0.38	477	1	0.004	17.3	0.058	15.7	0.025	1.4	1.5	0.5	10	0.1	2.9	0.02	0.05	0.8	38	0.2	62
1098001	0.46	264	0.9	0.005	21.7	0.045	15.2	0.025	0.6	1.8	0.25	15	0.1	2.9	0.021	0.05	1.2	31	0.1	60
1098002	0.46	368	1.1	0.005	27.4	0.028	15.5	0.025	0.9	3.1	0.8	11	0.1	8.4	0.033	0.05	1.4	33	0.1	65

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1098003	407185	7079418	8N	0.1	1.09	17.2	3.9	0.5	297	0.2	0.2	0.2	9	20	35.6	2.5	3	0.03	0.04	22
1098004	407137	7079405	8N	0.05	1.13	17.5	7.3	0.5	137	0.2	0.07	0.05	7.9	20	28.2	2.55	4	0.02	0.03	26
1098005	407087	7079394	8N	0.05	1.1	15.8	2	0.5	114	0.2	0.08	0.05	8.5	20	27.5	2.61	3	0.005	0.03	26
1098006	407033	7079394	8N	0.3	1.06	16.2	2.4	0.5	156	0.2	0.12	0.2	6	20	17.9	2.18	4	0.02	0.04	15
1098007	406981	7079399	8N	0.3	0.89	19.6	2.5	0.5	163	0.5	0.07	0.2	13.8	16	43	3.98	4	0.005	0.04	24
1098008	406932	7079415	8N	0.1	1.23	27.9	3.6	0.5	104	0.3	0.06	0.1	7.4	20	24	2.65	4	0.02	0.04	23
1098009	406883	7079428	8N	0.2	1.18	25.2	3.3	0.5	124	0.2	0.07	0.1	7.6	22	27.2	2.63	4	0.02	0.04	19
1098010	406834	7079439	8N	0.3	1.03	24	5.8	0.5	135	0.2	0.08	0.1	5.9	17	17.4	2.16	4	0.02	0.04	21
1098011	406784	7079452	8N	0.2	1.08	25.6	3.5	0.5	106	0.3	0.06	0.2	8	16	27.1	2.39	3	0.01	0.04	28
1098012	406733	7079457	8N	0.2	1.09	57.2	6	0.5	88	0.3	0.04	0.1	13.6	17	38	3.22	3	0.005	0.04	31
1098013	406684	7079465	8N	0.2	1.53	26.1	2.9	0.5	181	0.3	0.12	0.2	13.7	23	42	2.92	4	0.02	0.04	26
1098014	406635	7079482	8N	0.1	1.48	42.9	1.9	0.5	77	0.5	0.12	0.2	16.9	22	36	3.74	4	0.02	0.05	34
1098015	406585	7079480	8N	0.3	0.93	23.9	13.3	0.5	73	0.4	0.46	0.3	24.8	24	39.3	3.32	3	0.02	0.05	44
1098016	406532	7079484	8N	0.7	1.2	85.6	6.9	0.5	90	0.4	0.33	0.7	11.1	23	25.1	2.67	3	0.03	0.05	26
1098017	406496	7079445	8N	0.3	1.15	26.8	2.1	1	119	0.2	0.17	0.4	9.6	23	25.4	2.24	3	0.03	0.04	20
1098018	406454	7079420	8N	0.2	1.1	10	3.1	0.5	150	0.4	0.22	0.2	12.3	23	28.9	2.64	3	0.005	0.05	32
1098019	406407	7079401	8N	0.2	1.4	20.1	8.5	2	222	0.5	0.21	0.3	20.1	28	52.6	3.8	4	0.005	0.15	45
1098020	406358	7079386	8N	0.1	1.56	13.5	9.7	0.5	206	0.3	0.24	0.1	13.5	29	34.3	2.93	4	0.02	0.08	33
1098021	406310	7079367	8N	0.2	1.65	8	0.25	1	230	0.2	0.57	0.2	10.9	34	35.4	2.88	5	0.03	0.15	38
1098022	406261	7079357	8N	0.1	1.23	8.9	2.9	0.5	203	0.2	0.32	0.1	9.4	24	26.5	2.37	3	0.02	0.07	27
1098023	406212	7079339	8N	0.1	1.35	8.4	0.25	0.5	211	0.2	0.3	0.05	9.8	26	28.5	2.69	4	0.03	0.13	38
1098024	406164	7079326	8N	0.05	1.34	11.3	0.25	0.5	169	0.3	0.23	0.1	11.8	26	33	2.94	4	0.02	0.1	40
1098025	406116	7079315	8N	0.2	1.14	6.6	0.9	0.5	159	0.2	0.28	0.05	8.9	24	23.5	2.34	3	0.02	0.07	30
1098026	406068	7079300	8N	0.2	1.16	7.9	7	0.5	171	0.3	0.29	0.3	10.6	23	29.8	2.48	3	0.03	0.07	35
1098027	406019	7079289	8N	0.3	1.16	7.2	2	0.5	192	0.2	0.36	0.2	11.6	26	27.6	2.36	3	0.03	0.07	31
1098028	405970	7079272	8N	0.7	1.35	8.8	2.9	0.5	240	0.3	0.4	0.3	13.6	29	27.6	2.71	4	0.04	0.05	28
1098029	405920	7079260	8N	0.3	1.53	7.7	10.1	0.5	350	0.2	0.34	0.2	16.6	37	48.3	2.82	5	0.02	0.05	31
1098030			8N	0.2	1.48	7.8	2.9	0.5	380	0.2	0.54	0.05	16.3	38	38.4	2.93	5	0.03	0.04	15
1098031	408325	7075330	8N	0.3	1.09	39.9	7.8	0.5	124	0.2	0.21	0.2	11.7	17	22.4	2.5	3	0.02	0.07	32
1098032	408347	7075375	8N	0.3	1.18	18.6	8.1	0.5	143	0.2	0.18	0.3	7.3	19	17.9	2.17	3	0.02	0.05	24
1098033	408362	7075424	8N	0.4	0.97	38.2	14.9	0.5	112	0.2	0.1	0.2	7.8	16	20.8	2.39	3	0.03	0.06	33
1098034	408374	7075473	8N	0.5	1.33	34.9	9.8	0.5	172	0.2	0.14	0.4	9.2	20	23.3	2.61	4	0.03	0.08	27
1098035	408382	7075522	8N	0.3	0.94	36.1	8.3	1	133	0.2	0.17	0.3	10.6	15	17.8	2.41	3	0.02	0.11	32
1098036	408413	7075562	8N	0.3	1.16	22.4	2.5	0.5	68	0.2	0.15	0.3	12.1	19	29.2	2.89	3	0.01	0.04	39
1098037	408645	7075830	8N	0.7	0.98	27.9	8.5	1	100	0.3	0.9	0.5	9.6	13	27.6	2.35	3	0.03	0.08	19
1098038	408674	7075870	8N	0.5	0.92	22.4	4.3	1	103	0.2	0.63	0.6	9.7	16	24.9	2.25	3	0.03	0.06	24
1098039	408702	7075913	8N	0.6	0.89	47.7	10.2	0.5	43	0.3	0.81	1.9	12.2	16	32.8	2.79	3	0.02	0.08	34
1098040	408734	7075952	8N	0.6	0.85	54.4	6.5	0.5	38	0.3	0.59	0.7	13.6	13	34.8	2.65	2	0.01	0.09	38
1098041	408760	7075995	8N	0.8	1.13	52.7	10.1	0.5	69	0.3	0.55	1.3	12.1	18	31.7	2.87	3	0.02	0.1	35
1098042	408793	7076035	8N	2.3	0.9	76.3	25.8	0.5	54	0.8	0.32	8.3	12.3	14	28.9	3.19	3	0.01	0.08	56
1098043	408816	7076080	8N	0.1	0.9	34.2	12.5	0.5	45	0.3	0.09	0.2	10.1	12	22.4	2.65	2	0.005	0.07	38
1098044	408847	7076120	8N	0.2	0.84	21.2	7.1	0.5	66	0.2	0.25	0.2	10.4	12	26.2	2.65	2	0.005	0.08	33
1098045	408883	7076156	8N	0.3	0.99	23.3	16.2	0.5	59	0.4	0.35	0.5	14.1	23	36.6	3.01	3	0.01	0.08	47
1098046	408913	7076197	8N	0.4	0.91	28.2	11.7	1	90	0.3	1.18	1.3	12.1	15	34	2.59	3	0.02	0.07	32
1098047	408956	7076290	8N	0.3	1.15	35.7	11	1	92	0.3	0.85	0.8	11.8	18	30.2	2.77	3	0.02	0.11	40
1098048	409019	7076369	8N	0.2	1.32	71	19.6	0.5	198	0.3	0.43	0.2	12.5	17	26.9	3.37	4	0.04	0.09	32

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1098003	0.44	313	1.1	0.006	25.4	0.064	12.9	0.025	0.9	2.4	0.9	19	0.1	7.8	0.034	0.05	1.3	28	0.1	79
1098004	0.45	201	0.9	0.004	20.2	0.036	14	0.025	0.6	1.9	0.6	10	0.1	7.5	0.017	0.05	1.3	29	0.1	57
1098005	0.44	248	1	0.004	19.3	0.038	12.3	0.025	0.7	1.7	1	10	0.1	5.7	0.023	0.05	1.3	27	0.1	60
1098006	0.35	219	0.9	0.005	15.4	0.046	11.9	0.025	0.5	1.8	1.2	13	0.1	3.7	0.019	0.1	0.8	35	0.2	47
1098007	0.29	362	1.4	0.005	32.7	0.063	19.3	0.025	0.7	1.1	0.8	14	0.1	4.8	0.012	0.2	1.2	23	0.1	85
1098008	0.41	262	1.1	0.004	16.4	0.041	13.7	0.025	0.6	1.6	0.25	10	0.1	5.9	0.018	0.05	1.1	32	0.1	57
1098009	0.43	234	1	0.005	19.3	0.033	13.8	0.025	0.6	1.7	0.25	12	0.1	6.2	0.018	0.05	1.1	36	0.1	57
1098010	0.31	160	0.8	0.004	14.1	0.025	13.1	0.025	0.4	1.3	0.8	11	0.1	5.9	0.016	0.05	0.8	32	0.1	45
1098011	0.38	203	0.9	0.004	20.7	0.028	16	0.025	0.4	1.3	0.9	11	0.1	5.8	0.011	0.05	1.1	28	0.05	54
1098012	0.4	256	1	0.003	37.8	0.028	20.6	0.025	0.8	1.6	1	10	0.1	9.9	0.012	0.1	1.9	20	0.05	83
1098013	0.46	239	0.9	0.006	38.5	0.028	15.5	0.025	0.8	2.2	0.6	17	0.1	8.2	0.038	0.05	1.6	34	0.1	72
1098014	0.57	308	1.4	0.005	39.1	0.04	22.7	0.025	0.5	1.4	0.25	23	0.1	12.4	0.01	0.05	2.6	24	0.1	84
1098015	0.39	841	1.9	0.004	55.2	0.069	17.8	0.025	0.3	2.1	1.1	52	0.1	11.6	0.006	0.1	4	20	0.1	86
1098016	0.49	459	0.7	0.005	26.3	0.069	30.3	0.025	0.8	1.6	0.8	23	0.1	3.4	0.016	0.05	2.3	27	0.3	127
1098017	0.42	363	1	0.005	23.2	0.059	17.8	0.025	0.8	1.7	1.2	14	0.1	2.2	0.025	0.05	1.2	34	0.3	68
1098018	0.47	464	0.7	0.006	27.8	0.051	26.4	0.025	0.4	2.3	0.25	18	0.1	7.3	0.028	0.05	0.9	33	0.2	63
1098019	0.63	789	0.8	0.005	43.4	0.054	22.7	0.025	0.5	3.2	0.25	20	0.1	16	0.046	0.2	1	26	0.1	101
1098020	0.61	450	0.7	0.007	34.5	0.037	17.6	0.025	0.4	3.1	0.7	20	0.1	11.5	0.039	0.1	1	38	0.1	65
1098021	0.91	402	0.6	0.009	28.9	0.082	18.3	0.025	0.3	3.6	0.6	28	0.1	9.2	0.047	0.2	0.8	41	0.1	72
1098022	0.47	342	0.6	0.007	24.4	0.052	12.1	0.025	0.3	1.9	0.8	24	0.1	6.2	0.028	0.1	0.8	32	0.2	57
1098023	0.5	327	0.5	0.009	27.3	0.049	13.7	0.025	0.3	2.7	0.5	20	0.1	10.4	0.048	0.2	1.2	28	0.1	65
1098024	0.49	407	0.7	0.006	29.9	0.044	15.8	0.025	0.4	2.7	0.25	17	0.1	12.2	0.038	0.1	0.8	29	0.05	72
1098025	0.44	301	0.5	0.005	24.1	0.052	12.4	0.025	0.3	2	0.25	18	0.1	8.2	0.023	0.1	0.9	24	0.1	58
1098026	0.49	399	0.7	0.006	28.4	0.05	17.3	0.025	0.3	2.3	0.25	22	0.1	10.9	0.02	0.1	0.9	28	0.1	73
1098027	0.5	403	0.7	0.006	26	0.055	17.3	0.025	0.4	2.1	0.25	26	0.1	5.9	0.021	0.1	1	26	0.2	64
1098028	0.6	810	1.1	0.006	25.1	0.076	45.5	0.025	0.4	2.4	0.6	30	0.1	5	0.019	0.1	1.3	35	0.1	78
1098029	0.79	484	1	0.006	34.8	0.077	13.3	0.025	0.4	3.2	0.7	25	0.1	5.9	0.026	0.1	1.3	44	0.2	72
1098030	0.86	502	1.6	0.007	27.7	0.075	11.5	0.025	0.3	2.2	0.25	35	0.1	3.7	0.043	0.1	1.2	53	0.1	56
1098031	0.34	433	0.8	0.005	24.1	0.034	21.1	0.025	1.1	1.7	0.25	15	0.1	9.8	0.011	0.2	1	23	0.1	62
1098032	0.38	336	0.8	0.006	17.4	0.036	21.2	0.025	1.1	1.9	0.25	14	0.1	6.5	0.02	0.05	0.8	28	0.2	65
1098033	0.28	339	0.5	0.004	18.2	0.033	24.8	0.025	2.1	1.9	0.25	11	0.1	11	0.011	0.1	1	21	0.2	68
1098034	0.39	431	0.8	0.005	22.5	0.042	36.5	0.025	1.3	1.9	0.25	14	0.1	6.6	0.012	0.1	1	27	0.1	84
1098035	0.28	446	0.8	0.005	20.7	0.046	21.8	0.025	1.6	1.4	0.25	15	0.1	9.7	0.01	0.1	0.8	20	0.2	60
1098036	0.45	316	0.7	0.004	30.5	0.063	17.2	0.025	1.3	1.7	0.25	12	0.1	13.7	0.014	0.1	1.2	20	0.05	110
1098037	0.39	514	0.6	0.005	22.6	0.05	26.1	0.025	0.9	1.4	0.25	51	0.1	6	0.003	0.1	1.7	13	0.05	87
1098038	0.36	444	0.4	0.004	23.3	0.047	33	0.025	0.7	1.6	0.25	39	0.1	6.1	0.005	0.05	2.6	16	0.05	88
1098039	0.39	683	0.6	0.004	30.7	0.057	50	0.025	0.6	1.4	0.25	51	0.1	11.1	0.002	0.05	1.6	9	0.1	141
1098040	0.43	507	0.4	0.003	29.3	0.049	42	0.025	0.6	1.3	0.25	34	0.1	15.6	0.003	0.05	1.1	9	0.05	94
1098041	0.47	532	0.6	0.004	30.1	0.049	54.8	0.025	0.5	2	0.25	41	0.1	11.5	0.003	0.05	1.4	13	0.05	117
1098042	0.34	1790	0.6	0.003	30.2	0.052	327.6	0.025	1.7	2	0.25	17	0.1	19.2	0.003	0.05	1.5	10	0.05	427
1098043	0.31	357	0.3	0.002	22.2	0.031	38.7	0.025	0.2	1	0.25	13	0.1	14.9	0.002	0.05	1.1	8	0.05	68
1098044	0.29	382	0.4	0.003	24.1	0.038	29.7	0.025	0.3	1.3	0.25	18	0.1	12.4	0.002	0.05	1.2	9	0.05	71
1098045	0.49	593	0.7	0.003	34.3	0.046	42.7	0.025	0.8	2.1	0.25	21	0.1	16.2	0.006	0.05	1.4	17	0.05	96
1098046	0.4	809	0.5	0.004	27.7	0.051	68	0.06	0.7	1.7	0.25	59	0.1	10.2	0.003	0.05	2.2	13	0.05	106
1098047	0.41	461	0.4	0.005	29.3	0.049	42.7	0.025	0.7	1.9	0.6	42	0.1	13.1	0.003	0.1	1.8	14	0.05	103
1098048	0.36	647	0.6	0.005	26.1	0.054	36.1	0.025	0.7	2.1	0.25	31	0.1	9.7	0.003	0.1	2.3	16	0.05	80

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1098049	409061	7076466	8N	0.2	1.39	41	15.6	1	103	0.3	0.57	0.3	11.6	18	32	3.13	4	0.03	0.09	29
1098050	415988	7080290	8N	0.05	1.45	7.6	2.6	0.5	80	0.2	0.08	0.05	6	22	27.7	2.74	4	0.03	0.04	34
1098051	409380	7080880	8N	0.1	1.35	9.6	2.1	0.5	189	0.3	0.08	0.1	9	20	31.1	2.8	4	0.04	0.05	29
1098052	409419	7080849	8N	0.05	1.07	10.8	2.4	0.5	88	0.2	0.15	0.3	9.7	18	32	2.05	3	0.03	0.05	16
1098053	409466	7080833	8N	0.05	1.41	14.6	1.7	2	118	0.2	0.11	0.2	13.5	19	24.7	2.81	3	0.03	0.05	25
1098054	409476	7080784	8N	0.05	0.77	9.3	6.3	1	246	0.3	0.14	0.2	11.9	17	30.3	3.08	3	0.03	0.04	33
1098055	409491	7080735	8N	0.05	1.01	10	3	1	190	0.1	0.14	0.3	8.8	18	24.5	2.16	3	0.03	0.05	16
1098056	409470	7080689	8N	0.05	1.18	9.9	2.1	0.5	112	0.2	0.11	0.1	11.5	18	26.8	2.58	3	0.03	0.04	20
1098057	409427	7080664	8N	0.05	1.38	11.2	4	1	149	0.2	0.09	0.1	9.7	20	25.8	2.85	4	0.04	0.05	21
1098058	409381	7080642	8N	0.05	1.63	12	2.9	1	104	0.3	0.09	0.1	7.3	25	24.6	2.87	5	0.04	0.04	20
1098059	409335	7080622	8N	0.05	1.29	10.2	3	1	174	0.3	0.12	0.2	12.1	18	28	2.63	4	0.03	0.04	24
1098060	409292	7080597	8N	0.05	1.5	10.5	4.2	1	123	0.2	0.11	0.2	8.1	21	21.3	2.53	4	0.04	0.04	21
1098061	409247	7080575	8N	0.05	0.85	8.9	1.2	0.5	163	0.4	0.07	0.2	14.3	16	39.7	3.24	3	0.02	0.04	44
1098062	409200	7080555	8N	0.05	1.12	9.4	4.8	1	179	0.3	0.11	0.2	14.5	17	40.6	3.34	3	0.02	0.05	36
1098063	409155	7080533	8N	0.05	1.29	10.8	2.2	1	167	0.2	0.12	0.2	11.2	18	24.3	2.26	3	0.03	0.04	20
1098064	409111	7080509	8N	0.05	1.08	12.1	7.2	2	90	0.3	0.11	0.2	11.6	19	24.3	2.86	3	0.02	0.05	23
1098065	409066	7080486	8N	0.1	1.24	12	6.9	2	222	0.3	0.14	0.2	11.8	21	31.2	2.82	4	0.02	0.04	26
1098066	409020	7080465	8N	0.05	0.97	9.4	2.5	0.5	113	0.3	0.06	0.05	10	16	26.1	2.67	3	0.02	0.03	33
1098067	408974	7080444	8N	0.1	1.05	11.6	4.3	2	212	0.3	0.12	0.2	10.4	18	34.8	2.74	3	0.03	0.06	29
1098068	408929	7080420	8N	0.1	1.03	11.3	8.3	1	142	0.2	0.09	0.1	11.1	17	29.6	2.56	3	0.03	0.05	31
1098069	408887	7080393	8N	0.05	1.03	11.8	1.7	1	61	0.2	0.07	0.1	8.3	19	16.2	2.77	4	0.02	0.04	24
1098070	408841	7080373	8N	0.05	1.01	14.3	2.3	1	67	0.2	0.08	0.1	9.5	18	18.8	2.39	3	0.02	0.05	25
1098071	408794	7080353	8N	0.1	0.77	17.6	1.7	1	113	0.2	0.06	0.2	11.2	13	31.2	2.9	2	0.03	0.05	36
1098072	408750	7080328	8N	0.05	1.22	15	3	1	83	0.2	0.1	0.2	11.6	22	22.7	2.82	3	0.03	0.05	23
1098073	408705	7080306	8N	0.05	1.47	15.6	3.8	1	160	0.3	0.08	0.2	8.9	24	22	2.62	4	0.04	0.05	23
1098074	408663	7080282	8N	0.05	1.26	14.5	1.8	2	278	0.2	0.17	0.2	9.5	22	26.9	2.47	4	0.03	0.06	24
1098075	408616	7080263	8N	0.1	1.14	12.1	4.7	0.5	126	0.2	0.1	0.05	5.8	20	17.1	2	4	0.03	0.03	19
1098076	408573	7080238	8N	0.05	1.25	13	4.8	0.5	115	0.2	0.13	0.2	5.8	21	17.8	2.13	4	0.03	0.04	17
1098077	408528	7080215	8N	0.1	1.32	15.5	2	0.5	151	0.2	0.17	0.2	8.4	21	24.3	2.35	4	0.03	0.04	20
1098078	408484	7080193	8N	0.1	1.32	16	3	0.5	111	0.2	0.11	0.2	8.7	21	26.5	2.61	4	0.03	0.04	21
1098079	406479	7076941	8N	0.8	1.52	15.6	4.7	2	101	0.4	0.09	1	11	22	43.6	2.84	4	0.06	0.04	28
1098080	406428	7076940	8N	0.3	1.48	16.8	5.1	2	77	0.3	0.07	0.9	10.1	19	33.2	2.89	4	0.05	0.03	25
1098081	406379	7076928	8N	0.3	2.05	40.2	2.9	1	65	0.3	0.04	0.5	20.6	32	41	3.83	6	0.05	0.04	34
1098082	406336	7076903	8N	0.4	1.06	21.1	10.9	1	70	0.3	0.03	0.6	14.9	14	38.7	3.26	3	0.06	0.03	45
1098083	406292	7076878	8N	0.05	1.69	16.1	4.4	0.5	88	0.2	0.06	0.2	21.1	26	42.9	3.41	5	0.04	0.04	29
1098084	406247	7076856	8N	0.05	1.59	10.2	17.7	1	88	0.3	0.06	0.2	15.4	23	34.7	3.17	5	0.04	0.05	25
1098085	406199	7076838	8N	0.05	1.17	9.9	5.4	0.5	79	0.2	0.09	0.2	8.4	22	45.5	2.25	3	0.05	0.03	17
1098086	408873	7077941	8N	0.2	1.19	39.5	6.4	0.5	99	0.4	0.06	0.1	11	19	28.8	3.35	4	0.02	0.05	35
1098087	408903	7077900	8N	0.05	1.12	23.2	2.6	0.5	103	0.3	0.06	0.05	8.3	17	22.3	2.64	3	0.03	0.04	27
1098088	408924	7077855	8N	0.2	1.04	17.5	3.9	0.5	91	0.3	0.08	0.2	6.1	16	17	2.57	3	0.02	0.05	24
1098089	408954	7077815	8N	0.1	1.03	26.1	2.8	0.5	104	0.3	0.13	0.05	8.9	17	19.3	2.52	4	0.02	0.05	34
1098090	408988	7077778	8N	0.3	1.09	32.8	2.5	0.5	95	0.4	0.05	0.1	9.8	16	28.1	3.21	4	0.03	0.05	35
1098091	409022	7077742	8N	0.3	1.23	24.3	1.9	0.5	114	0.4	0.07	0.1	9.9	17	25.2	3.27	4	0.02	0.05	31
1098092	409059	7077707	8N	0.2	1.28	22.3	1.7	0.5	93	0.4	0.1	0.2	14.8	17	26.3	3.79	4	0.02	0.05	29
1098093	409093	7077671	8N	0.2	1.2	23.3	4.4	0.5	123	0.4	0.17	0.2	11.7	18	25.2	3.29	4	0.02	0.05	29
1098094	409125	7077632	8N	0.2	1.16	20.1	3.9	0.5	148	0.3	0.13	0.2	11.9	16	23.5	2.96	4	0.02	0.05	35

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1098049	0.5	337	0.6	0.005	28.1	0.046	25.1	0.025	0.7	1.7	0.25	29	0.1	10.3	0.008	0.05	1.4	16	0.05	84
1098050	0.54	200	1	0.004	15.8	0.044	15.8	0.025	0.7	1.8	0.25	10	0.1	7.1	0.022	0.05	1.4	29	0.1	58
1098051	0.34	229	1	0.005	23.8	0.05	13.6	0.025	1.5	2.8	0.25	10	0.1	4.8	0.02	0.1	1.4	30	0.2	73
1098052	0.32	330	0.8	0.005	24.1	0.076	9.7	0.025	0.8	2	0.25	11	0.1	4.1	0.03	0.05	0.9	30	0.2	68
1098053	0.32	401	0.9	0.005	24.5	0.079	14.6	0.025	2	2.1	0.25	11	0.1	5.8	0.022	0.05	1	30	0.2	81
1098054	0.23	316	1	0.005	27.3	0.052	13.9	0.025	1.7	1.9	0.25	16	0.1	5.4	0.018	0.05	1.2	27	0.2	76
1098055	0.32	298	0.9	0.004	25.1	0.06	8.4	0.025	1.1	2.4	0.25	14	0.1	4	0.028	0.05	0.8	30	0.2	58
1098056	0.32	294	0.8	0.004	24	0.061	11.4	0.025	0.9	2.1	0.25	10	0.1	3.4	0.026	0.05	1	29	0.2	61
1098057	0.32	228	0.9	0.005	22.9	0.046	13.8	0.025	1.1	2.1	0.25	10	0.1	3	0.021	0.1	1.1	34	0.2	61
1098058	0.33	183	1.2	0.005	18.9	0.053	16.9	0.025	0.8	1.7	0.25	9	0.1	2.1	0.019	0.1	1.1	41	0.2	57
1098059	0.36	339	0.8	0.005	22.6	0.06	15.7	0.025	1.4	1.9	0.25	12	0.1	4.2	0.022	0.05	1	29	0.2	70
1098060	0.4	240	1	0.005	18	0.065	12.4	0.025	0.8	1.8	0.25	10	0.1	1.8	0.021	0.1	1	33	0.2	59
1098061	0.26	278	1.2	0.003	35.1	0.044	20.4	0.025	2.1	1.9	0.25	14	0.1	10.8	0.017	0.05	1.8	22	0.05	99
1098062	0.38	381	1	0.005	34.2	0.05	15.7	0.025	0.8	2.1	0.25	13	0.1	8.9	0.019	0.05	1.4	24	0.1	83
1098063	0.35	374	0.8	0.005	23.6	0.067	12	0.025	0.9	2.4	0.25	12	0.1	5.1	0.027	0.05	1.1	29	0.2	72
1098064	0.37	424	1.1	0.005	22.5	0.061	17.6	0.025	1.1	2.1	0.25	13	0.1	6.3	0.025	0.05	1.1	32	0.1	71
1098065	0.42	382	0.9	0.007	24.5	0.054	17.9	0.025	1.1	3	0.25	16	0.1	7.9	0.025	0.05	2	33	0.2	78
1098066	0.27	278	0.8	0.004	22.6	0.037	15.7	0.025	0.9	1.7	0.25	10	0.1	6	0.019	0.05	1.6	26	0.1	63
1098067	0.35	318	1	0.007	25.6	0.052	15	0.025	1	3.3	0.25	14	0.1	9.8	0.032	0.05	1.5	29	0.2	71
1098068	0.3	329	0.9	0.005	25.1	0.046	15	0.025	1.4	2.4	0.25	12	0.1	7.7	0.023	0.05	1.5	27	0.2	69
1098069	0.27	355	1.2	0.004	15.2	0.051	15.3	0.025	1.1	1.2	0.25	8	0.1	2.8	0.018	0.05	0.7	35	0.1	53
1098070	0.26	386	1	0.005	15.1	0.057	14.8	0.025	2.4	1.1	0.25	9	0.1	1.7	0.013	0.05	0.9	28	0.1	57
1098071	0.22	316	0.9	0.004	25.2	0.035	21.6	0.025	3.6	2.1	0.25	9	0.1	10.2	0.018	0.1	1.5	20	0.1	85
1098072	0.33	472	1.1	0.005	19.6	0.059	17.3	0.025	1.7	1.8	0.7	10	0.1	3.6	0.019	0.1	1	34	0.1	68
1098073	0.38	278	1.1	0.005	18.7	0.041	15.5	0.025	1.3	2.9	0.25	10	0.1	5.4	0.025	0.1	1.3	38	0.2	63
1098074	0.43	358	1	0.01	23.4	0.047	12.8	0.025	1.3	3.5	0.25	19	0.1	6.2	0.042	0.05	1.1	38	0.2	70
1098075	0.34	187	0.7	0.005	13.7	0.051	10.6	0.025	1	1.9	0.25	11	0.1	2.3	0.021	0.05	1	32	0.1	49
1098076	0.33	180	0.8	0.005	15.3	0.069	11.1	0.025	0.6	1.4	0.25	13	0.1	0.8	0.017	0.05	1.1	35	0.1	50
1098077	0.41	253	0.9	0.006	19	0.059	12.2	0.025	0.8	2.5	0.5	15	0.1	4.3	0.032	0.05	1	36	0.2	60
1098078	0.38	243	0.9	0.004	20.5	0.054	13.9	0.025	0.8	1.9	0.25	11	0.1	2.9	0.019	0.05	1.2	34	0.2	61
1098079	0.4	369	1.4	0.004	22.6	0.067	90.2	0.05	1	2.2	0.5	9	0.1	3.5	0.019	0.1	2	33	0.2	108
1098080	0.36	452	0.9	0.004	33.9	0.058	41.4	0.025	0.9	1.4	0.25	7	0.1	2.9	0.014	0.1	0.9	28	0.1	114
1098081	0.69	799	0.8	0.003	42.2	0.03	60.7	0.025	0.8	2.1	0.7	5	0.1	10.5	0.01	0.05	0.6	29	0.05	131
1098082	0.25	1336	0.8	0.003	39.1	0.03	41	0.025	1.4	1.6	0.25	7	0.1	12.4	0.013	0.1	1.5	20	0.05	107
1098083	0.44	793	0.9	0.005	32.5	0.03	14.4	0.025	0.6	2.2	0.25	7	0.1	8.5	0.021	0.05	0.9	38	0.2	65
1098084	0.45	938	1.4	0.004	27.8	0.031	19.8	0.025	0.7	1.9	0.25	8	0.1	8.2	0.024	0.05	0.9	32	0.2	69
1098085	0.32	468	0.8	0.004	19.5	0.044	10.3	0.025	0.6	1.4	0.7	8	0.1	2	0.022	0.05	0.7	35	0.2	53
1098086	0.42	229	1.1	0.004	29.8	0.029	20.4	0.025	1.8	1.6	0.25	13	0.1	12.6	0.013	0.05	1.5	24	0.1	67
1098087	0.34	202	0.9	0.004	20.5	0.025	15.3	0.025	1.3	1.8	0.25	9	0.1	10.9	0.014	0.05	1.4	26	0.2	52
1098088	0.32	193	0.9	0.004	15.2	0.035	14.6	0.025	1.3	1.2	0.6	12	0.1	7	0.013	0.05	0.8	27	0.2	51
1098089	0.41	245	1	0.005	20.2	0.028	15.9	0.025	0.9	1.2	0.25	17	0.1	10.3	0.01	0.05	1.2	21	0.1	52
1098090	0.33	212	1.1	0.004	27.1	0.048	20.2	0.025	1.6	1.2	0.25	11	0.1	9.7	0.007	0.05	1.7	20	0.1	61
1098091	0.36	286	1.2	0.004	22.3	0.041	21.6	0.025	1.6	1.4	0.25	13	0.1	11.2	0.007	0.1	1.3	24	0.1	60
1098092	0.48	324	1.3	0.004	31.1	0.059	19.6	0.025	1.7	2.4	0.25	15	0.1	11	0.01	0.05	1.4	38	0.1	73
1098093	0.37	468	1	0.005	26.8	0.043	18.8	0.025	1.4	1.6	0.25	17	0.1	10.4	0.011	0.05	1	25	0.1	65
1098094	0.38	347	0.8	0.004	23.3	0.036	23.1	0.025	1.3	1.6	0.25	15	0.1	11.8	0.009	0.05	1.4	23	0.1	59

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1098095	409153	7077591	8N	0.2	1.08	22.7	1.7	0.5	133	0.3	0.12	0.1	10.6	15	21.7	2.97	4	0.01	0.05	27
1098096	409182	7077551	8N	0.2	0.93	17.4	9.1	0.5	142	0.2	0.13	0.2	10.4	15	16.5	2.36	3	0.02	0.06	29
1098097	409213	7077511	8N	0.05	1.06	22.1	4.8	0.5	81	0.3	0.12	0.1	13.3	12	29.1	3.09	3	0.01	0.06	44
1098098	409243	7077472	8N	0.1	1.15	30.7	6.8	0.5	95	0.3	0.07	0.05	11.5	15	28.3	2.84	3	0.01	0.07	43
1098099	409268	7077429	8N	0.2	0.75	39	3.6	0.5	152	0.4	0.27	0.4	12.1	11	32.4	2.52	3	0.04	0.06	30
1098100	409297	7077333	8N	0.1	1.61	9.7	14.4	0.5	55	1.3	0.04	0.1	8.7	21	62.3	4.83	6	0.02	0.04	65
1098101	408382	7077126	8N	1.1	0.5	45.1	10	1	109	0.3	0.31	3.1	15.3	10	54.1	3.65	2	0.03	0.05	54
1098102	408410	7077167	8N	0.05	1.56	13.2	5.9	0.5	130	0.2	0.09	0.1	9.9	25	14	3.08	5	0.005	0.04	13
1098103	408434	7077211	8N	0.05	0.96	34	5.9	0.5	59	0.2	0.05	0.1	8.3	20	16	3.09	4	0.01	0.05	14
1098104	408452	7077257	8N	0.05	1.63	15.2	3.6	0.5	78	0.2	0.04	0.1	13.7	17	27.9	3.47	3	0.05	0.07	22
1098105	408471	7077302	8N	0.05	1.27	47.4	4.1	1	94	0.2	0.08	0.05	7.5	19	18.3	2.42	3	0.04	0.04	18
1098106	408488	7077350	8N	0.05	0.89	11.7	4.5	1	50	0.2	0.07	0.05	3.2	16	7.4	1.48	4	0.05	0.03	16
1098107	408507	7077397	8N	0.05	0.84	26.5	4.8	0.5	49	0.3	0.06	0.1	10.5	14	19.5	3.35	3	0.03	0.05	30
1098108	408523	7077443	8N	0.05	0.32	27.4	8	0.5	40	0.2	0.02	0.05	13.5	6	28.5	2.51	1	0.005	0.04	36
1098109	408542	7077490	8N	0.1	0.78	48.4	7.7	0.5	98	0.4	0.14	0.1	10	17	23.7	2.68	2	0.02	0.05	26
1098110	408561	7077537	8N	0.05	0.76	34.7	4	0.5	148	0.2	0.12	0.05	7	12	19.5	1.95	2	0.03	0.04	19
1098111	408579	7077583	8N	0.05	0.68	25.8	12.5	0.5	90	0.2	0.06	0.2	4.6	12	15.9	1.87	3	0.02	0.04	17
1098112	408597	7077630	8N	0.05	0.85	17.7	4.3	0.5	110	0.2	0.12	0.05	6.6	15	17.7	1.97	3	0.03	0.03	16
1098114	408618	7077675	8N	0.05	0.57	60.9	2.5	0.5	52	0.2	0.05	0.1	6.7	13	13.2	2.04	3	0.02	0.03	17
1098115	408639	7077721	8N	0.05	0.59	37.6	4.6	0.5	61	0.2	0.06	0.2	4.7	12	11.7	1.89	3	0.03	0.03	15
1098116	408659	7077767	8N	0.05	0.85	16.6	12.4	0.5	78	0.2	0.1	0.2	5.6	16	12.6	2.33	3	0.03	0.03	11
1098117	413762	7080235	8N	0.05	1.45	15	1.1	1	91	0.2	0.1	0.1	8.7	22	19	2.59	4	0.04	0.05	18
1098118	413713	7080227	8N	0.2	1.04	16.4	2.4	1	78	0.2	0.13	0.05	8.5	17	16.9	2.23	3	0.03	0.04	16
1098119	413663	7080218	8N	0.05	1.06	16.4	8.4	1	70	0.2	0.09	0.2	6.9	18	16.3	2.21	3	0.04	0.03	12
1098120	413614	7080207	8N	0.05	1.04	11.1	10.3	0.5	54	0.2	0.07	0.1	4.8	16	9	2	4	0.03	0.03	11
1098121	413573	7080178	8N	0.1	1.09	23	7.5	0.5	83	0.2	0.09	0.2	9.5	19	28.7	2.34	3	0.03	0.03	17
1098122	413546	7080136	8N	0.05	1.03	33	1.5	0.5	87	0.2	0.12	0.1	11.9	18	22.3	2.32	3	0.03	0.03	19
1098123	413523	7080092	8N	0.2	1.13	27.8	4.7	0.5	87	0.3	0.11	0.2	11.5	21	22.1	2.67	4	0.04	0.05	21
1098124	413811	7080248	8N	0.05	1.27	14.3	1.1	1	92	0.2	0.09	0.1	9	21	16.4	2.3	4	0.03	0.04	15
1098125	407156	7077936	8N	0.1	1.15	9.5	2.5	0.5	77	0.2	0.09	0.1	7.4	17	35.3	2.19	4	0.03	0.03	14
1098126	407190	7077969	8N	0.05	1.07	7	2.6	0.5	84	0.3	0.06	0.2	11.1	17	34.7	2.54	3	0.02	0.03	22
1098127	407220	7078008	8N	0.05	1.01	9.6	2.4	0.5	70	0.2	0.11	0.05	6.7	17	49.7	2.06	3	0.03	0.03	17
1098128	407241	7078055	8N	0.5	0.95	10.4	5.6	0.5	94	0.2	0.11	0.3	9.2	18	37.6	2.33	3	0.05	0.03	19
1098129	407279	7078088	8N	0.5	1.12	12.1	11.2	0.5	94	0.2	0.09	0.3	7.1	19	31.4	2.23	3	0.04	0.03	18
1098130	407317	7078122	8N	0.7	0.96	17.7	5.2	0.5	83	0.3	0.09	0.4	12.6	20	29	2.55	4	0.03	0.04	21
1098131	407357	7078154	8N	0.2	1.16	9.7	5.6	0.5	95	0.3	0.07	0.05	7.7	21	26.2	2.23	4	0.04	0.03	21
1098132	407384	7078198	8N	0.05	1.08	8.4	2	0.5	78	0.2	0.08	0.1	5.9	17	24.6	2.06	3	0.04	0.03	19
1098133	407415	7078238	8N	0.05	1.12	10.4	3.1	0.5	107	0.2	0.06	0.1	8.2	19	24.3	2.52	3	0.02	0.04	21
1098134	407439	7078282	8N	0.05	1.05	10.8	1.8	0.5	69	0.3	0.04	0.2	10.6	17	30.9	3.27	3	0.01	0.03	29
1098135	407457	7078329	8N	0.05	0.89	11	1.6	0.5	51	0.2	0.05	0.2	8.3	15	23.5	2.59	3	0.02	0.03	22
1098136	407478	7078375	8N	0.05	1.32	18.6	1.7	1	100	0.3	0.06	0.2	10.9	38	26.9	2.92	4	0.03	0.06	20
1098137	407485	7078425	8N	0.05	1.27	13.4	1.7	0.5	79	0.2	0.06	0.3	8.4	24	20	2.64	4	0.03	0.04	19
1098138	407488	7078474	8N	0.1	1.07	16.1	2.8	0.5	78	0.2	0.06	0.2	11.2	20	25.9	2.78	3	0.03	0.03	22
1098140	407499	7078524	8N	0.1	0.92	19	12.2	0.5	78	0.2	0.06	0.3	8.9	17	19.8	2.54	3	0.04	0.03	20
1098141	407506	7078573	8N	0.05	1.18	16.7	1	0.5	111	0.2	0.09	0.3	8.4	23	20.1	2.6	4	0.04	0.04	21
1098142	407515	7078623	8N	0.05	1.19	12.7	2.2	0.5	100	0.2	0.05	0.05	8.4	25	21.5	2.7	4	0.02	0.04	26

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1098095	0.33	463	0.9	0.005	22.5	0.031	18.6	0.025	1.6	1.3	0.25	15	0.1	9.4	0.006	0.05	0.9	24	0.1	57
1098096	0.27	412	0.8	0.006	19.2	0.054	15.4	0.025	0.9	1.4	0.25	15	0.1	6.8	0.008	0.05	0.7	24	0.1	49
1098097	0.45	394	0.4	0.003	29.8	0.043	17	0.025	0.5	1.3	0.25	12	0.1	15.5	0.005	0.05	1.1	11	0.05	69
1098098	0.35	318	0.7	0.004	26.5	0.027	14.2	0.025	0.7	1.7	0.25	9	0.1	11.9	0.005	0.05	1	20	0.05	61
1098099	0.27	829	0.7	0.004	26.6	0.049	20.9	0.025	0.8	1.4	0.25	22	0.1	8.7	0.003	0.05	1.1	13	0.05	64
1098100	0.59	375	1.5	0.007	23.4	0.061	38.3	0.06	5.2	1.4	0.25	30	0.1	18.8	0.006	0.05	2.1	21	0.05	86
1098101	0.09	1794	2.3	0.003	33.5	0.063	125	0.025	6.5	2.6	0.8	20	0.1	14.2	0.002	0.1	1.3	11	0.05	224
1098102	0.32	193	1.1	0.005	17.9	0.035	20.1	0.025	0.6	2.1	0.7	10	0.1	4.2	0.023	0.1	0.6	42	0.2	41
1098103	0.25	282	0.9	0.003	18.3	0.024	19.6	0.025	0.9	1.6	0.5	6	0.1	3.8	0.02	0.1	0.7	34	0.1	54
1098104	0.42	383	0.8	0.003	31.3	0.023	17.3	0.025	1	1.7	0.25	5	0.1	9.8	0.008	0.1	0.9	16	0.05	65
1098105	0.26	270	0.7	0.004	16.7	0.045	21.8	0.025	0.9	2.1	0.7	7	0.1	4.2	0.015	0.1	1	28	0.1	49
1098106	0.16	92	0.6	0.004	9.1	0.028	17	0.025	0.5	1.2	0.25	7	0.1	1.2	0.015	0.1	0.5	30	0.2	28
1098107	0.12	459	1	0.003	20.4	0.04	25.6	0.025	1.1	1.3	0.25	7	0.1	8.8	0.011	0.1	0.9	25	0.05	72
1098108	0.07	388	0.7	0.002	30.5	0.028	18.5	0.025	0.9	0.8	0.25	6	0.1	8.8	0.002	0.05	1.5	6	0.05	96
1098109	0.22	334	0.7	0.004	22.8	0.055	21.3	0.025	1.2	1.8	0.25	13	0.1	5.9	0.012	0.05	1	23	0.1	64
1098110	0.18	280	0.6	0.004	14.4	0.043	18.3	0.025	0.9	0.8	0.25	11	0.1	1.1	0.008	0.05	1	18	0.2	40
1098111	0.16	138	0.7	0.004	12.7	0.031	17.9	0.025	0.7	0.6	0.25	8	0.1	1	0.01	0.05	0.8	23	0.2	44
1098112	0.26	263	0.7	0.004	16.9	0.05	13.7	0.025	0.7	1.3	0.25	10	0.1	3.7	0.017	0.05	0.8	25	0.2	48
1098114	0.11	409	0.8	0.003	14.6	0.034	17.7	0.025	0.9	0.8	0.25	6	0.1	4	0.013	0.05	0.6	25	0.2	45
1098115	0.16	182	0.7	0.003	11.4	0.031	15.5	0.025	0.7	0.8	0.25	7	0.1	2.7	0.015	0.05	0.5	27	0.3	46
1098116	0.23	187	0.6	0.003	12.6	0.04	22.9	0.025	0.6	1.1	0.25	9	0.1	2.6	0.017	0.05	0.6	30	0.3	43
1098117	0.35	301	1.2	0.006	21.8	0.038	16.3	0.025	2	1.9	0.25	9	0.1	4.1	0.026	0.1	0.8	43	0.2	57
1098118	0.32	356	0.8	0.005	20.5	0.044	22.4	0.025	0.9	1.6	0.25	11	0.1	4.4	0.026	0.05	0.7	29	0.2	54
1098119	0.27	228	1	0.004	16.8	0.033	13.6	0.025	0.7	1.5	0.25	8	0.1	3.3	0.025	0.05	0.6	40	0.3	45
1098120	0.24	188	0.7	0.004	11.2	0.029	12.7	0.025	0.6	1.2	0.5	7	0.1	2.5	0.025	0.05	0.4	33	0.2	37
1098121	0.32	267	0.8	0.004	18.6	0.046	12.9	0.025	0.7	1.7	0.25	10	0.1	3.7	0.021	0.05	1.1	32	0.3	50
1098122	0.3	337	0.7	0.004	21.2	0.051	15.6	0.025	0.7	1.4	0.25	10	0.1	4.6	0.02	0.05	1.1	34	0.3	54
1098123	0.37	470	0.9	0.008	21.4	0.058	22	0.025	1.1	1.5	0.25	10	0.1	4.5	0.024	0.05	1.1	36	0.4	67
1098124	0.29	258	0.9	0.005	20.9	0.027	15.4	0.025	0.9	1.5	0.25	9	0.1	3.7	0.024	0.05	0.7	39	0.2	48
1098125	0.3	293	1.1	0.003	16.2	0.044	16.8	0.025	0.7	1.5	0.25	9	0.1	3	0.016	0.1	0.7	34	0.2	47
1098126	0.32	578	0.7	0.003	20	0.036	12.4	0.025	0.5	1.7	0.25	10	0.1	6.1	0.028	0.05	0.9	31	0.1	54
1098127	0.32	298	0.8	0.004	16	0.058	10.2	0.025	0.6	1.5	0.6	9	0.1	2.6	0.019	0.05	0.8	30	0.2	49
1098128	0.31	473	0.9	0.005	19	0.064	32	0.025	0.6	1.3	0.25	11	0.1	2.3	0.017	0.05	1	32	0.3	62
1098129	0.31	318	0.9	0.004	18.2	0.055	38.4	0.025	0.7	1.3	0.25	9	0.1	1.7	0.018	0.05	1	34	0.2	58
1098130	0.36	735	1.3	0.004	21.7	0.062	44.6	0.025	0.6	1.2	0.25	11	0.1	2.3	0.016	0.05	1.1	30	0.2	84
1098131	0.34	489	1	0.004	16.1	0.048	16.3	0.025	0.4	1.4	0.25	8	0.1	1.1	0.018	0.05	1	36	0.1	52
1098132	0.27	191	0.8	0.003	16.2	0.042	11.4	0.025	0.8	1.3	0.25	8	0.1	2	0.017	0.05	0.8	30	0.1	46
1098133	0.3	216	0.8	0.004	20.5	0.039	13.2	0.025	1.6	2.2	0.25	7	0.1	5.2	0.019	0.05	1	31	0.1	56
1098134	0.35	314	0.7	0.003	19.1	0.042	21.9	0.025	2.8	1.5	0.25	7	0.1	13.2	0.01	0.05	1.5	19	0.05	72
1098135	0.25	171	0.9	0.003	21.2	0.04	15	0.025	3.7	1.1	0.25	5	0.1	4.4	0.013	0.05	1	24	0.1	61
1098136	0.43	290	1.1	0.004	22.6	0.048	16.4	0.025	2.6	1.8	0.5	9	0.1	3.7	0.024	0.05	1.2	36	0.1	69
1098137	0.35	228	0.9	0.004	19.3	0.04	14.7	0.025	1.5	1.8	0.25	7	0.1	6	0.021	0.05	0.9	33	0.2	56
1098138	0.29	277	0.8	0.004	25.1	0.046	18.2	0.025	1.6	1.4	0.6	8	0.1	4.2	0.014	0.05	1.2	26	0.1	65
1098140	0.24	313	0.9	0.004	21.5	0.046	13.5	0.025	1.4	1.2	0.25	7	0.1	2.8	0.015	0.05	1	29	0.2	62
1098141	0.31	273	1	0.005	21.2	0.053	14.3	0.025	1.2	1.8	0.7	10	0.1	2.6	0.028	0.05	1	42	0.2	56
1098142	0.32	233	1	0.004	20.6	0.042	15.8	0.025	0.9	1.8	0.25	6	0.1	5	0.016	0.1	1.1	34	0.1	60

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1098143	407528	7078672	8N	0.05	0.98	24.7	4.9	0.5	73	0.2	0.06	0.2	14.3	21	22.6	2.6	3	0.03	0.03	22
1098145	407537	7078721	8N	0.05	0.79	27.7	5	0.5	79	0.2	0.04	0.1	10.9	16	24.8	2.7	2	0.03	0.03	26
1098146	407542	7078771	8N	0.05	0.84	19.5	1.5	0.5	69	0.2	0.1	0.3	10.4	16	20	2.36	3	0.04	0.04	21
1098147	407543	7078821	8N	0.05	0.66	34.4	2.6	0.5	64	0.2	0.06	0.3	15.1	13	28	3.28	2	0.02	0.03	27
1098149	407565	7078867	8N	0.05	1.21	16.4	21.2	0.5	117	0.3	0.1	0.2	9.5	23	22.5	2.65	4	0.04	0.04	23
1098150	407586	7078914	8N	0.05	1.39	13.2	9.7	0.5	222	0.2	0.14	0.2	12.8	25	38.1	2.78	4	0.04	0.06	27
1098151	414232	7074487	8N	3.9	1.35	95.6	8.7	0.5	119	1.7	0.23	6.6	13.9	20	109.5	3.11	3	0.04	0.06	39
1098152	414266	7074405	8N	2.1	1.28	117.6	14.3	0.5	129	0.8	0.32	3.2	10.4	27	32.8	2.63	4	0.03	0.07	24
1098153	414251	7074443	8N	1.7	1.4	102.9	6.1	0.5	130	0.8	0.19	2.7	11.5	31	38.4	2.86	4	0.02	0.13	28
1098154	414288	7074350	8N	3.1	1.54	170.3	10.8	0.5	124	1.2	0.37	3.3	10.6	30	65	2.77	5	0.04	0.11	31
1098155	414307	7074303	8N	0.8	1.25	188.9	16	0.5	182	1.2	0.41	3.7	11.1	24	42.9	2.46	4	0.03	0.09	23
1098156	414329	7074258	8N	1	1.27	127.2	6.6	0.5	157	0.7	0.45	3.1	9.5	23	40	2.58	4	0.04	0.08	26
1098157	414347	7074210	8N	0.4	1.41	91.1	7.1	0.5	184	0.4	0.26	0.9	8.8	25	20.7	2.41	4	0.02	0.09	18
1098158	414366	7074168	8N	0.6	1.42	95	26	0.5	150	0.4	0.26	1.2	9	24	21.9	2.2	4	0.02	0.09	20
1098159	414387	7074119	8N	0.2	1.4	89.9	12.3	0.5	184	0.4	0.22	1.8	10.9	25	24.3	2.51	4	0.03	0.12	22
1098160	414406	7074073	8N	0.2	1.04	81	5.7	0.5	122	0.3	0.16	0.5	7.2	19	17.7	2.11	3	0.03	0.08	14
1098161	414426	7074028	8N	0.2	1.07	74.8	12	0.5	147	0.3	0.14	0.6	8.5	20	19.4	2.25	3	0.06	0.05	16
1098162	414446	7073984	8N	0.5	1.21	174	17.5	1	139	0.7	0.14	1.3	8.8	23	21.7	2.55	4	0.03	0.07	15
1098163	414466	7073937	8N	0.2	1.11	193.2	5	0.5	87	0.5	0.08	1.9	8.2	19	22.3	2.15	3	0.02	0.07	15
1098164	414484	7073888	8N	0.1	1.37	96.2	9.1	0.5	120	0.3	0.12	0.4	8.7	23	18.9	2.35	4	0.03	0.11	16
1098165	414505	7073842	8N	0.2	1.54	336.4	50	0.5	197	1.5	0.4	0.5	11.5	24	24.8	2.6	4	0.03	0.17	17
1098166	414525	7073798	8N	2.2	1.59	315.7	15.7	2	127	0.7	0.12	0.9	10.5	28	53.4	2.89	5	0.03	0.09	25
1098167	414538	7073750	8N	1.1	1.02	445	22.4	0.5	166	0.5	0.14	6.2	9.5	17	28	2.86	3	0.08	0.07	21
1098168	414564	7073708	8N	0.2	1.46	243.7	36.7	0.5	198	0.7	0.28	0.6	16.6	24	32.7	2.74	4	0.04	0.16	26
1098169	414580	7073661	8N	0.2	1	292.9	48.9	0.5	145	0.5	0.2	0.2	10.5	19	22.2	2.21	3	0.05	0.11	22
1098170	414607	7073615	8N	0.2	1.59	900.9	54	1	141	0.8	0.17	0.5	13.7	24	24.6	2.74	4	0.07	0.15	18
1098171	414622	7073565	8N	0.2	1.3	109	13.3	0.5	195	0.3	0.22	0.4	9.6	23	21.8	2.33	4	0.04	0.09	19
1098172	414642	7073521	8N	0.1	1.39	106	14.2	0.5	150	0.4	0.14	0.2	9.5	21	23.2	2.35	4	0.04	0.06	16
1098173	414663	7073475	8N	0.3	1.69	266.1	18.5	0.5	145	0.9	0.09	0.6	15.5	28	38.1	2.97	6	0.08	0.08	16
1098174	414676	7073427	8N	0.2	1.7	176.6	21.8	1	178	0.5	0.14	0.3	11.7	25	31.5	2.65	5	0.04	0.09	18
1098175	414718	7073335	8N	0.1	1.39	55.5	3.9	0.5	102	0.3	0.09	0.2	6.1	21	18.6	2.2	4	0.04	0.05	14
1098176	414739	7073290	8N	0.2	1.25	29.1	8.1	0.5	96	0.3	0.15	1.2	7.3	20	29.7	2.05	3	0.02	0.08	18
1098178	414757	7073243	8N	0.2	1.41	41.4	74.5	0.5	113	0.4	0.11	0.9	8.2	24	26.5	2.44	4	0.03	0.06	18
1098179	414777	7073198	8N	0.4	1.79	84.1	29.1	2	199	1.1	0.18	1.7	10.4	32	49.6	2.85	6	0.05	0.12	21
1098180	414798	7073153	8N	0.5	1.21	128.6	25.2	0.5	177	0.8	0.21	2.7	9.4	23	48.2	2.59	4	0.03	0.11	25
1098181	414817	7073107	8N	0.5	1.63	116.8	16.6	1	202	0.8	0.15	3.1	10.8	28	59.1	2.8	5	0.04	0.11	23
1098187	413235	7071457	8N	0.2	1.18	10.1	5.4	1	54	0.2	0.06	0.1	7.2	17	17.4	2.19	3	0.03	0.04	23
1098188	413217	7071503	8N	3.2	1.21	23.9	2.4	1	80	0.4	0.15	0.5	14.6	14	32.8	3.16	3	0.005	0.07	67
1098189	413196	7071549	8N	0.2	1.31	9	3.4	0.5	102	0.2	0.07	0.1	7.9	22	22.8	2.3	4	0.02	0.04	30
1098190	413178	7071595	8N	0.2	1.47	9.4	7.5	1	149	0.2	0.12	0.1	9	23	26.3	2.46	4	0.03	0.06	36
1098191	413158	7071640	8N	0.2	1.39	9.7	3	0.5	170	0.2	0.12	0.2	8.3	24	27	2.55	4	0.02	0.05	32
1098192	413137	7071685	8N	0.5	1.37	13	4.7	0.5	125	0.3	0.09	0.3	8.6	21	24.4	2.44	4	0.02	0.06	31
1098193	413118	7071731	8N	0.2	1.62	16.9	4.3	2	147	0.2	0.11	0.3	8.9	24	20.8	2.61	4	0.03	0.06	35
1098194	413099	7071777	8N	1.1	1.65	20.5	7.1	2	144	0.2	0.1	0.2	8.1	28	23.9	2.58	5	0.04	0.07	29
1098195	413080	7071825	8N	0.2	1.8	21	4	1	120	0.2	0.06	0.05	17.7	30	30.6	3.29	5	0.02	0.05	40
1098196	413060	7071870	8N	0.7	1.56	49.2	7.6	0.5	126	0.2	0.08	0.1	11.4	22	28.4	2.76	4	0.03	0.05	29

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1098143	0.25	494	0.9	0.004	31.9	0.046	14.5	0.025	1.2	1.6	0.25	7	0.1	8.6	0.02	0.1	1.1	27	0.2	75
1098145	0.18	247	0.9	0.004	28.3	0.035	12.1	0.025	1.1	1.4	0.25	5	0.1	7.3	0.011	0.1	1.2	23	0.1	57
1098146	0.22	368	0.9	0.005	25.3	0.06	14.6	0.025	0.8	1.3	0.6	9	0.1	4.9	0.02	0.05	0.9	27	0.2	67
1098147	0.18	502	0.7	0.004	33.5	0.044	20	0.025	1.1	1.4	0.25	6	0.1	10.5	0.012	0.05	1.6	18	0.05	83
1098149	0.31	277	1	0.005	20.6	0.05	14.2	0.025	0.9	1.9	0.5	10	0.1	2.6	0.027	0.1	1.2	39	0.2	56
1098150	0.45	404	0.8	0.007	28.6	0.06	14.8	0.025	0.9	3.4	0.25	14	0.1	7.6	0.038	0.05	2	39	0.2	76
1098151	0.57	1674	0.5	0.005	33.4	0.057	397.7	0.06	1	2.1	0.25	16	0.1	14	0.014	0.1	1.3	23	0.3	852
1098152	0.56	689	0.7	0.006	26	0.065	85.5	0.09	1.1	1.8	0.25	23	0.1	3	0.019	0.2	1.3	32	0.3	402
1098153	0.66	743	0.7	0.004	32.7	0.061	103.6	0.07	1.3	2.3	0.25	16	0.1	6.2	0.035	0.2	1.4	33	0.3	469
1098154	0.6	806	0.6	0.012	31.8	0.054	176	0.07	1.4	2.5	0.5	39	0.1	5.7	0.026	0.3	1.8	30	0.3	615
1098155	0.49	554	0.6	0.023	27	0.073	44.7	0.06	0.8	2.4	0.25	35	0.1	5.8	0.027	0.4	1.3	34	0.5	404
1098156	0.51	794	0.6	0.011	27.1	0.068	90.6	0.08	0.9	2.2	0.25	26	0.1	4.9	0.024	0.3	1.7	30	0.4	300
1098157	0.5	594	0.8	0.01	21.1	0.057	44.5	0.07	0.8	2	0.25	18	0.1	2.9	0.025	0.3	1.2	33	0.3	171
1098158	0.52	332	0.5	0.008	22.3	0.057	27.7	0.05	0.9	2.1	0.25	17	0.1	4	0.024	0.3	1.5	30	0.3	150
1098159	0.51	702	0.8	0.008	25.7	0.061	18.6	0.07	0.8	2.2	0.5	20	0.1	5.2	0.04	0.3	1.3	35	0.5	217
1098160	0.4	418	0.8	0.005	19.3	0.038	22.9	0.025	0.7	1.5	0.25	13	0.1	3.8	0.032	0.2	0.7	30	0.5	118
1098161	0.37	461	0.8	0.005	20.9	0.056	28.5	0.025	0.9	1.8	0.25	12	0.1	3.8	0.027	0.1	0.9	35	0.8	112
1098162	0.43	832	0.6	0.004	17.9	0.055	60.3	0.025	0.9	2.4	0.25	12	0.1	4	0.028	0.2	1.1	34	0.4	230
1098163	0.42	477	0.7	0.004	18.9	0.042	33.5	0.025	0.8	1.5	0.5	9	0.1	3.1	0.026	0.2	0.7	30	0.3	358
1098164	0.52	381	0.6	0.006	22	0.045	11.3	0.025	0.6	1.8	0.25	15	0.1	3.3	0.037	0.3	0.9	33	0.4	85
1098165	0.57	616	0.6	0.015	28	0.044	15.7	0.025	0.8	2.4	0.5	28	0.1	5.8	0.047	0.4	1.1	30	0.6	80
1098166	0.55	600	1	0.006	29.1	0.067	339.2	0.025	1.9	2.1	0.9	17	0.1	4.6	0.022	0.3	1.9	37	0.5	343
1098167	0.38	3830	0.9	0.004	23.4	0.059	223	0.025	3.4	2.1	0.6	22	0.1	6.1	0.02	0.2	1.8	30	0.4	1061
1098168	0.57	499	0.8	0.009	35.5	0.081	11.8	0.025	0.8	2.6	0.25	31	0.1	9.7	0.045	0.3	2.1	34	0.6	95
1098169	0.43	397	0.6	0.006	24.9	0.073	10.4	0.025	0.9	1.8	0.25	21	0.1	8.6	0.04	0.2	1.3	29	1.3	65
1098170	0.52	669	0.8	0.008	22.9	0.082	16.3	0.05	1.4	1.7	1.1	19	0.1	3.9	0.039	0.4	1.5	33	2.1	73
1098171	0.47	523	0.7	0.011	22.9	0.056	11.7	0.025	0.8	2.3	0.7	21	0.1	4.8	0.034	0.2	1.3	32	0.6	79
1098172	0.45	403	0.8	0.007	19.7	0.049	10.6	0.025	0.7	1.8	0.8	16	0.1	3	0.025	0.2	1.1	33	0.6	68
1098173	0.47	967	1.2	0.007	23	0.091	25.5	0.07	0.8	1.5	0.5	16	0.1	1.3	0.026	0.3	1.4	45	0.4	97
1098174	0.52	502	0.9	0.01	24.6	0.067	14.7	0.06	0.9	1.7	0.7	20	0.1	2	0.027	0.3	1.5	37	0.5	79
1098175	0.41	277	0.9	0.006	16.9	0.053	12	0.05	0.7	1.1	1	12	0.1	0.7	0.024	0.2	1	35	0.3	62
1098176	0.44	328	0.8	0.006	19.9	0.061	22.6	0.05	0.7	1.9	0.25	15	0.1	5.8	0.043	0.3	1	33	0.5	175
1098178	0.44	483	1	0.006	18.7	0.061	16.5	0.06	0.7	1.8	0.7	13	0.1	2.6	0.034	0.2	1.1	40	0.6	132
1098179	0.46	574	1.2	0.017	25.8	0.073	26.7	0.09	0.6	2.3	0.8	31	0.1	4.2	0.047	0.2	1.7	38	0.5	205
1098180	0.45	748	0.8	0.012	23.7	0.063	31.5	0.06	1.6	2.4	0.6	27	0.1	9.8	0.051	0.2	1.6	35	1.3	292
1098181	0.49	684	0.8	0.012	28.1	0.057	19.6	0.08	0.9	2.7	0.6	22	0.1	6.7	0.048	0.2	1.7	39	1.4	459
1098187	0.31	315	0.6	0.003	15.8	0.037	15.6	0.025	0.8	1.1	0.25	5	0.1	4.7	0.013	0.2	0.8	23	0.2	47
1098188	0.39	979	0.4	0.004	32.2	0.074	39.9	0.025	2.7	1.4	0.25	19	0.1	23.7	0.005	0.2	2.7	11	0.05	113
1098189	0.39	237	0.6	0.004	21.5	0.036	13.8	0.025	0.8	1.6	0.25	7	0.1	5.9	0.024	0.1	1	27	0.2	58
1098190	0.48	318	0.7	0.005	23.4	0.048	21.4	0.025	0.8	2	0.25	12	0.1	4.4	0.022	0.2	1	34	0.1	75
1098191	0.46	315	0.6	0.004	26.7	0.051	13.1	0.025	0.8	1.9	0.5	9	0.1	7.6	0.02	0.1	1.1	27	0.2	72
1098192	0.39	332	0.6	0.004	22.8	0.044	20.7	0.025	1.1	1.9	0.25	8	0.1	5.6	0.023	0.2	1.2	28	0.4	85
1098193	0.53	268	0.8	0.006	25.2	0.041	12.6	0.025	0.9	2.3	0.25	11	0.1	7.1	0.023	0.1	1.1	32	0.1	80
1098194	0.49	411	0.8	0.005	24.7	0.036	31.1	0.025	2.4	2	0.6	12	0.1	6.9	0.017	0.3	1.1	33	0.1	79
1098195	0.7	726	0.5	0.003	38.4	0.035	12	0.025	1.4	1.6	0.25	6	0.1	13.3	0.005	0.2	0.9	19	0.05	68
1098196	0.45	707	0.7	0.003	25.2	0.045	23.6	0.025	1.9	1.9	0.6	7	0.1	8	0.009	0.2	1	28	0.1	78

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1098197	413040	7071916	8N	0.5	1.1	34.7	5.5	0.5	91	0.2	0.12	0.1	5.4	16	17.1	2.07	3	0.03	0.04	28
1098198	413021	7071962	8N	0.4	1.28	19.1	2.9	0.5	71	0.2	0.08	0.2	6.7	21	19.3	2.31	4	0.03	0.05	32
1098201	414510	7084032	8N	0.05	1.21	10.4	3	0.5	80	0.2	0.07	0.3	8.5	19	18.9	2.42	4	0.04	0.05	12
1098202	414505	7084084	8N	0.05	1.06	10.5	2.5	0.5	54	0.2	0.05	0.05	4.5	18	11.8	2.25	4	0.07	0.04	10
1098203	414521	7084131	8N	0.05	0.81	11.5	5.8	1	75	0.2	0.05	0.2	7.2	22	16.4	2.68	4	0.08	0.04	12
1098204	414545	7084176	8N	0.2	0.84	45	6.3	2	65	0.2	0.06	0.9	10.2	23	26	2.95	3	0.1	0.07	14
1098205	414560	7084226	8N	0.3	1.7	23.4	10.3	1	272	0.1	0.81	0.3	42.5	162	76.5	7.82	7	0.05	0.77	17
1098206	414563	7084275	8N	0.2	0.98	18.1	4.4	0.5	93	0.2	0.09	0.4	10.9	21	20.9	2.71	3	0.06	0.06	16
1098207	414562	7084327	8N	0.05	1.43	12.7	3.3	0.5	124	0.2	0.08	0.05	11.7	28	25.2	3.39	5	0.06	0.11	19
1098208	414548	7084375	8N	1.3	1.36	252.1	18.3	0.5	241	0.3	0.57	2	33.1	54	78	8.03	5	0.07	0.24	36
1098209	414548	7084428	8N	0.2	2.72	17.6	6.8	1	644	0.1	0.87	0.3	40.9	239	69.5	7.86	13	0.05	1.31	25
1098210	414554	7084478	8N	0.05	1.26	13.4	4	0.5	217	0.2	0.08	0.2	10.5	26	23.5	2.99	4	0.05	0.08	16
1098211	414583	7084520	8N	0.05	1.38	19.7	5.7	0.5	154	0.2	0.15	0.2	15.7	59	28.5	3.65	5	0.05	0.12	23
1098213	414593	7084570	8N	0.05	1.3	10.4	17.6	0.5	117	0.2	0.2	0.2	12.3	41	24.8	3.44	5	0.03	0.18	22
1098214	414618	7084670	8N	0.2	1.39	9.2	2.9	1	278	0.4	0.37	0.4	19.4	62	33	3.83	5	0.05	0.3	36
1098215	414625	7084721	8N	0.2	2.01	6.3	7.1	1	361	0.05	0.64	0.4	30.4	70	57	8.49	6	0.05	0.7	14
1098216	414623	7084771	8N	0.1	1.34	13.4	1.4	0.5	131	0.2	0.16	0.1	11.3	30	21.7	3.13	4	0.03	0.09	26
1098217	414636	7084821	8N	0.05	1.22	14.5	1.3	1	112	0.2	0.11	0.2	9	23	21.7	2.64	4	0.05	0.06	20
1098218	414646	7084871	8N	0.05	0.71	11.1	2.7	0.5	67	0.2	0.09	0.2	6.3	16	15.2	1.98	3	0.05	0.04	18
1098219	414647	7084923	8N	0.2	2.39	38.2	5	0.5	252	0.2	0.77	0.2	35.4	178	22.7	8.49	8	0.03	0.75	27
1098220	414656	7084973	8N	0.05	1.4	15.7	6.6	0.5	181	0.2	0.2	0.2	13.1	44	20.6	3.93	5	0.01	0.08	21
1098221	414675	7085021	8N	0.05	0.82	3.8	1.4	0.5	45	0.2	0.03	0.05	3	15	10	1	4	0.05	0.04	9
1098222	414657	7085070	8N	0.05	1.35	10.8	5.8	0.5	144	0.2	0.08	0.2	9.5	24	24.1	2.41	4	0.05	0.04	15
1098223	414654	7085121	8N	0.2	0.99	125.3	10	0.5	95	0.2	0.1	0.8	10.1	20	28	2.65	3	0.05	0.05	14
1098224	414648	7085171	8N	0.1	1.17	45.5	5.2	0.5	140	0.2	0.17	0.5	10.1	24	27.1	2.89	3	0.05	0.06	20
1098225	414642	7085222	8N	0.2	0.99	17.3	15.8	0.5	115	0.1	0.22	0.5	10.7	21	25.3	2.42	3	0.06	0.05	18
1098226	414646	7085272	8N	0.05	0.88	10.8	15.5	0.5	103	0.2	0.14	0.2	7.9	21	18.5	2.16	3	0.04	0.05	17
1098227	414657	7085322	8N	0.05	1.09	11.6	8.2	0.5	110	0.2	0.14	0.05	8.1	22	20.3	2.44	3	0.05	0.05	18
1098228	414669	7085372	8N	0.05	1.11	11.3	5.2	0.5	127	0.2	0.16	0.2	8.9	24	21.7	2.48	3	0.06	0.06	17
1098229	414683	7085420	8N	0.2	0.91	10.7	22.8	0.5	239	0.5	0.31	0.3	22	22	52.7	3.47	3	0.04	0.16	16
1098231	414690	7085469	8N	0.05	1.02	10.8	0.25	2	95	0.3	0.12	0.2	8.9	22	17.4	2.58	3	0.04	0.07	13
1098232	414692	7085520	8N	0.2	1.46	19.2	26.7	2	211	0.4	0.44	0.3	22.6	39	44.8	4.82	5	0.06	0.2	18
1098233	414698	7085570	8N	0.05	0.96	10.5	3.2	2	129	0.3	0.21	0.3	10.9	24	26.4	2.66	3	0.03	0.07	17
1098234	414679	7085619	8N	0.05	0.75	13.2	1.8	2	74	0.3	0.11	0.3	12.3	17	29.4	2.85	3	0.03	0.08	26
1098237	414820	7073867	8N	0.2	1.42	129.1	14.2	1	203	0.3	0.26	0.3	11	27	29.2	2.68	4	0.05	0.1	22
1098238	414839	7073821	8N	0.2	1.48	531.6	52	2	223	0.7	0.24	0.4	11.3	25	28.3	2.76	5	0.03	0.1	19
1098239	414859	7073775	8N	0.3	1.58	182.2	23.8	2	205	0.5	0.35	0.3	11.1	27	25.5	2.76	5	0.04	0.09	21
1098240	414879	7073730	8N	0.1	1.69	56.5	12.3	1	142	0.4	0.11	0.5	7.5	30	16.1	2.31	5	0.06	0.05	11
1098241	414898	7073683	8N	0.05	1.51	56.3	5.8	2	113	0.3	0.1	0.4	9.6	25	19.3	2.52	5	0.05	0.05	14
1098242	414918	7073637	8N	0.2	1.23	59	13.3	3	125	0.4	0.23	0.3	5.9	21	19.3	1.77	4	0.06	0.08	14
1098243	414937	7073591	8N	0.05	1.54	35.4	8.8	1	116	0.4	0.1	0.5	6.3	25	19.1	2.51	6	0.06	0.05	13
1098245	414976	7073499	8N	0.5	2.07	256.7	16.6	1	194	0.8	0.34	0.7	14.1	31	37.2	3.52	7	0.05	0.11	18
1098246	414997	7073453	8N	0.3	2.2	87	11.2	1	152	0.9	0.12	0.5	8.7	32	48.9	3.13	7	0.06	0.08	18
1098247	415016	7073408	8N	0.4	1.53	79.4	18.2	3	140	3.4	0.19	3.8	14.1	25	86.6	3.18	5	0.04	0.12	27
1098251	413190	7071817	8N	0.4	1.38	17	3.1	0.5	168	0.2	0.07	0.3	8.3	23	25.5	2.42	4	0.03	0.05	25
1098252	413172	7071863	8N	0.6	1.2	28.5	20.6	1	109	0.3	0.07	0.2	9.8	21	31.1	2.49	3	0.04	0.04	22

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1098197	0.33	255	0.5	0.004	16.2	0.038	18.3	0.025	1.1	1.4	0.25	9	0.1	5.2	0.011	0.2	0.7	23	0.1	61
1098198	0.4	210	0.7	0.003	18.4	0.038	19.9	0.025	0.9	1.2	0.25	8	0.1	5	0.009	0.2	0.8	28	0.1	55
1098201	0.27	407	1.3	0.004	18.6	0.035	19.8	0.025	1.5	1.7	0.25	8	0.1	2	0.017	0.1	0.6	39	0.2	77
1098202	0.22	187	1.3	0.003	12.3	0.024	20.2	0.025	0.8	1.1	0.8	6	0.1	1.4	0.02	0.05	0.4	45	0.2	49
1098203	0.15	349	2.1	0.004	15.2	0.06	18	0.025	4	1.3	0.25	6	0.1	1	0.017	0.05	0.7	47	0.3	59
1098204	0.17	754	2.4	0.004	25.7	0.054	114.5	0.025	27.1	1.4	0.7	9	0.1	1.6	0.013	0.05	0.9	35	0.3	154
1098205	1.3	2180	7.4	0.007	95.2	0.207	34.4	0.025	31.7	16.7	0.6	112	0.1	12.2	0.221	0.6	1	141	0.2	138
1098206	0.26	798	1.3	0.003	23.1	0.052	26.8	0.025	5.3	2.3	0.6	12	0.1	4.1	0.023	0.05	0.8	39	0.3	82
1098207	0.5	557	1.2	0.005	20.4	0.033	17.2	0.06	1.6	3.1	0.5	10	0.1	3.8	0.085	0.2	0.6	86	0.2	62
1098208	0.62	2239	3	0.005	61.4	0.177	204.3	0.07	43.5	11.2	0.25	86	0.1	11.8	0.05	0.2	2.1	85	0.2	404
1098209	2.13	1831	1.9	0.008	122.6	0.178	41.2	0.025	4.3	16.8	0.25	120	0.1	10.2	0.335	1	0.9	209	0.05	163
1098210	0.38	508	1.7	0.005	24.3	0.047	37.4	0.025	1.7	2.2	0.25	10	0.1	3.3	0.032	0.1	0.8	45	0.2	66
1098211	0.57	922	2.2	0.005	37.4	0.07	27	0.025	4.9	3.9	0.25	29	0.1	4.2	0.054	0.1	1.5	70	0.2	103
1098213	0.68	426	1.5	0.007	31.3	0.066	11.8	0.025	1.6	3.8	0.6	25	0.1	5.7	0.091	0.2	0.7	62	0.3	77
1098214	0.78	1104	2.8	0.009	44.3	0.109	22.7	0.025	1.2	5.1	0.8	77	0.1	9.2	0.122	0.3	1.1	71	0.2	120
1098215	1.39	1963	2.3	0.006	104	0.21	10.2	0.025	6.1	11.9	0.25	86	0.1	3	0.138	0.8	1.2	100	0.2	113
1098216	0.5	479	1.8	0.005	24.8	0.064	15.6	0.025	1.9	2.8	0.6	22	0.1	4.5	0.048	0.1	1	50	0.2	68
1098217	0.38	380	1.2	0.005	21.9	0.059	13.7	0.025	2.6	2.5	0.25	14	0.1	3.5	0.032	0.1	1	41	0.2	66
1098218	0.19	339	2	0.003	15.2	0.047	12.9	0.025	3	1.3	0.6	12	0.1	1	0.017	0.05	0.6	33	0.3	43
1098219	2.05	2533	2.6	0.006	100.8	0.153	26.7	0.025	5.8	13	0.6	94	0.1	8.7	0.1	0.3	0.8	126	0.2	103
1098220	0.51	767	1.7	0.006	30.4	0.07	14.7	0.025	1.3	3.5	0.5	30	0.1	3.4	0.036	0.2	0.7	61	0.2	66
1098221	0.13	73	1	0.003	7.7	0.055	10	0.025	0.4	0.1	0.25	4	0.1	0.1	0.005	0.05	0.5	34	0.05	19
1098222	0.33	314	0.9	0.004	22.1	0.05	14.4	0.025	0.8	2.2	0.25	8	0.1	2.1	0.014	0.05	0.8	36	0.2	54
1098223	0.3	479	0.9	0.003	25.5	0.053	151.7	0.025	26.2	2	0.25	11	0.1	2.4	0.012	0.05	0.7	30	0.2	117
1098224	0.38	501	1.9	0.005	29.4	0.064	79.5	0.025	26.6	2.2	0.6	19	0.1	3.5	0.021	0.05	0.9	38	0.2	129
1098225	0.39	549	1	0.006	29	0.084	25.8	0.025	4.7	2.2	0.25	18	0.1	5.5	0.037	0.05	0.9	34	0.4	91
1098226	0.31	392	1.2	0.005	22.6	0.057	13.9	0.025	2.3	1.5	0.25	15	0.1	1.2	0.021	0.05	0.7	34	0.2	52
1098227	0.34	402	1.2	0.005	21.4	0.056	13	0.025	1.5	1.8	0.25	14	0.1	2.1	0.025	0.05	0.9	36	0.2	56
1098228	0.36	415	1.2	0.005	23	0.062	14.4	0.025	1.8	1.8	0.25	19	0.1	2	0.026	0.05	1	38	0.2	61
1098229	0.47	892	1.6	0.009	46.3	0.077	36.7	0.09	3	3.1	0.25	38	0.1	5.9	0.047	0.1	1.4	33	0.2	89
1098231	0.37	390	1.1	0.005	19.2	0.063	18.4	0.1	1.3	1.9	0.9	17	0.1	2.1	0.024	0.1	0.8	37	0.3	54
1098232	0.72	1265	1.9	0.006	44.2	0.109	38.3	0.09	2.4	5.4	1.1	59	0.1	6.8	0.053	0.2	1.3	66	0.4	122
1098233	0.42	640	1.1	0.004	23.8	0.069	25.5	0.08	0.8	2.5	0.25	28	0.1	5	0.034	0.1	0.9	42	0.6	84
1098234	0.27	309	1.5	0.004	25.5	0.06	32.8	0.12	5.2	1.5	0.8	18	0.1	5.6	0.018	0.1	1.6	27	0.2	88
1098237	0.46	493	0.7	0.017	27.1	0.058	14.4	0.025	0.8	2.8	0.25	28	0.1	6.9	0.039	0.2	1.6	36	0.7	70
1098238	0.45	440	0.8	0.01	28.9	0.066	12.5	0.025	0.9	2.5	0.25	27	0.1	6.7	0.036	0.3	1.5	34	0.8	88
1098239	0.47	477	0.6	0.017	28.4	0.061	12.1	0.025	0.7	2.5	0.7	28	0.1	5	0.03	0.3	1.3	35	0.5	75
1098240	0.3	321	1	0.008	16.1	0.058	10.4	0.025	0.6	1.5	0.5	13	0.1	1.4	0.03	0.2	0.7	43	0.3	62
1098241	0.35	442	0.9	0.005	20.1	0.052	12.1	0.025	0.7	1.7	0.7	11	0.1	1.8	0.026	0.1	0.8	42	0.5	68
1098242	0.28	264	1.2	0.01	16.4	0.09	10.5	0.12	0.5	0.9	0.8	22	0.1	0.7	0.03	0.2	0.9	34	0.5	54
1098243	0.27	329	1.4	0.005	14.5	0.06	13.2	0.025	0.7	1.1	0.7	12	0.1	0.8	0.024	0.2	0.9	49	0.3	64
1098245	0.51	1526	1.6	0.012	28.7	0.086	42.2	0.1	0.7	1.6	0.25	36	0.1	1.7	0.022	0.4	1.5	44	0.5	165
1098246	0.51	388	1.4	0.011	23.7	0.084	26.9	0.07	0.8	1.4	0.25	20	0.1	1.1	0.026	0.3	1.5	51	0.4	126
1098247	0.49	1467	0.9	0.013	30.8	0.058	38	0.025	1.3	3	0.25	34	0.1	11.4	0.047	0.3	1.6	35	3.2	529
1098251	0.42	372	0.6	0.004	23	0.039	23.4	0.025	1.1	2.5	0.25	7	0.1	5.9	0.025	0.1	1.1	32	0.2	79
1098252	0.36	350	0.7	0.003	23.7	0.042	16.6	0.025	1.2	1.3	0.25	7	0.1	3.2	0.011	0.2	1.2	30	0.2	66

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1098253	413152	7071908	8N	0.3	1.43	25.7	3.9	0.5	91	0.2	0.07	0.2	7.9	21	24.5	2.43	4	0.02	0.04	34
1098254	413133	7071956	8N	4.2	1.06	83.9	8.9	0.5	103	0.3	0.1	0.7	10.5	15	35.6	2.56	3	0.03	0.07	49
1098255	413112	7072001	8N	0.3	1.16	21.8	7.6	0.5	73	0.2	0.07	0.1	8	20	28.6	2.34	4	0.03	0.04	27
1098256	413094	7072048	8N	0.2	1.02	24	4.1	1	82	0.3	0.07	0.3	11.3	18	32.4	2.45	3	0.02	0.04	27
1098257	413073	7072093	8N	0.8	1.07	23.2	2.6	0.5	99	0.2	0.11	0.2	7.6	18	22.2	2.23	4	0.03	0.04	25
1098258	413055	7072139	8N	1.6	1.13	45.2	10.3	0.5	132	0.3	0.11	0.3	7.9	19	29.7	2.5	3	0.03	0.03	25
1098259	413036	7072187	8N	2	1.03	52.2	9.4	0.5	111	0.3	0.08	0.3	11.3	16	25.8	2.38	3	0.03	0.05	33
1098260	413014	7072232	8N	3.1	1.03	44.7	12.5	0.5	136	0.2	0.1	0.4	11.5	17	26	2.45	3	0.03	0.04	30
1098261	412997	7072278	8N	1.6	1.06	65.2	8.6	0.5	136	0.3	0.17	0.5	10.1	15	24.8	2.51	3	0.03	0.05	27
1098262	412976	7072323	8N	0.4	1	65.5	8.7	2	103	0.3	0.13	0.2	7.6	15	18.3	2.21	3	0.03	0.04	25
1098263	414324	7074525	8N	1.2	1.13	59.2	4.9	0.5	146	0.6	0.17	3.2	10	20	27.1	2.51	3	0.04	0.06	24
1098264	414341	7074480	8N	0.7	1.57	131.2	10.4	0.5	127	0.8	0.15	1.4	12	28	40.6	2.99	5	0.03	0.05	27
1098265	414361	7074434	8N	31.1	1.52	189.8	17.5	0.5	111	1.1	0.23	3.6	11.9	39	81.7	2.97	4	0.06	0.11	34
1098266	414382	7074388	8N	3.4	1.08	252	9.7	0.5	125	3.5	0.15	5.4	11.1	20	73.9	2.63	3	0.05	0.07	30
1098267	414401	7074341	8N	2.3	1.4	349.4	24.1	0.5	153	2.9	0.26	3	11	27	65.9	2.88	4	0.05	0.11	26
1098268	414420	7074295	8N	1.6	1.39	251.4	14.2	0.5	130	1.6	0.17	3	9.3	24	72.9	2.73	4	0.05	0.07	26
1098269	414441	7074249	8N	0.4	1.3	149.6	15.3	1	154	0.9	0.25	1.4	9	22	29.1	2.5	4	0.03	0.07	18
1098270	414460	7074203	8N	0.6	1.72	236	35.1	1	187	0.5	0.45	1.2	10.7	25	34.2	2.79	5	0.03	0.16	25
1098271	414689	7073705	8N	0.05	1.56	427.9	33.2	1	155	0.6	0.11	0.6	11.5	30	31.5	3.31	4	0.05	0.22	30
1098272	414693	7073651	8N	0.2	1.16	326.8	39.4	0.5	134	0.5	0.17	0.4	20.5	24	25.5	2.66	4	0.06	0.09	21
1098273	414713	7073604	8N	0.1	1.67	117.5	24.8	1	163	0.7	0.24	0.6	11.5	26	26.4	2.83	5	0.03	0.11	19
1098274	414733	7073559	8N	0.1	1.61	78.8	8.4	1	134	0.6	0.1	0.3	10	24	27.9	2.47	4	0.02	0.08	20
1098275	414751	7073513	8N	0.2	1.49	30.6	4.3	1	208	0.3	0.16	0.2	7.6	25	21.6	2.37	5	0.04	0.05	18
1098276	414772	7073468	8N	0.05	1.7	65.5	4.7	0.5	97	0.4	0.08	0.3	10.1	26	20.2	2.64	4	0.05	0.05	14
1098277	414791	7073421	8N	0.1	1.53	45.5	12.8	1	184	0.4	0.12	0.3	9.3	25	23.9	2.44	4	0.04	0.07	19
1098278	414812	7073375	8N	0.3	1.55	107.2	10.7	1	151	0.5	0.14	0.5	11.4	25	54.2	2.72	5	0.03	0.12	23
1098279	414831	7073321	8N	0.7	1.79	58.6	9.1	1	146	0.5	0.14	1.2	9.3	31	44.5	2.86	5	0.04	0.12	24
1098280	414851	7073282	8N	0.4	1.37	63.5	7.6	2	132	1	0.15	5.1	13.4	27	43.2	2.7	4	0.05	0.09	21
1098281	414478	7074155	8N	0.3	1.16	67.6	10.3	0.5	117	0.3	0.16	0.5	7.8	21	19.9	2.14	4	0.03	0.1	16
1098282	414499	7074111	8N	0.1	1.26	70	9	0.5	126	0.4	0.11	0.9	8.7	22	17.9	2.31	4	0.04	0.07	16
1098283	414519	7074066	8N	0.6	1.35	76.9	4.6	1	113	0.6	0.14	1.5	6.7	23	26.5	2.26	4	0.03	0.07	19
1098284	414537	7074021	8N	0.5	1.22	37.1	4.4	0.5	142	0.6	0.19	1.7	6.5	24	26.9	2.1	3	0.04	0.07	17
1098285	414556	7073974	8N	0.8	1.23	128.4	8	1	111	1.9	0.14	1.9	7.2	24	26.1	2.19	4	0.03	0.08	18
1098286	414575	7073928	8N	0.1	1.35	69.1	12.9	1	135	0.3	0.19	0.3	8.2	24	24.5	2.38	4	0.02	0.1	20
1098287	414596	7073884	8N	0.2	1.46	155.1	11.2	2	196	0.4	0.18	0.4	12.3	22	29.9	2.51	4	0.03	0.12	20
1098288	414616	7073836	8N	0.2	1.64	385.2	40.4	0.5	150	0.3	0.13	0.4	12.1	30	32.9	2.88	5	0.05	0.08	17
1098289	414635	7073789	8N	0.05	0.82	89.6	8.3	0.5	59	0.3	0.05	0.2	4.5	17	13.8	2.06	4	0.04	0.06	13
1098290	414655	7073742	8N	0.05	1.4	58.8	4.9	1	98	0.2	0.09	0.2	9	22	19.4	2.38	3	0.03	0.06	11
1098291	414869	7073236	8N	0.4	1.92	80	19.7	0.5	176	0.6	0.16	1.6	13	31	62.1	3.33	6	0.03	0.37	33
1098292	414890	7073191	8N	0.5	1.26	91.3	17.1	1	163	1.1	0.18	1.7	10.3	27	40.8	2.68	4	0.04	0.08	18
1098293	414908	7073145	8N	0.8	1.26	130.1	15.7	2	156	0.9	0.21	2.5	12.4	26	55.3	2.78	4	0.04	0.1	23
1098295	415166	7073309	8N	0.4	1.39	196	42.3	1	127	0.5	0.25	2.1	16.9	27	67.5	3	4	0.04	0.13	21
1098296	415127	7073400	8N	0.5	1.21	119	15.7	2	154	0.7	0.31	4.6	10.5	24	57.7	2.61	4	0.04	0.08	18
1098297	415107	7073446	8N	0.4	1.2	118.5	16.2	2	137	0.7	0.22	4.6	10.7	22	58.6	2.66	4	0.04	0.09	23
1098301	413827	7085315	8N	0.1	1.4	15.4	2.6	1	171	0.3	0.22	0.2	13.8	48	27.6	3.27	5	0.03	0.14	39
1098302	413676	7085184	8N	0.2	1.27	12.9	0.7	0.5	153	0.4	0.24	0.1	10.9	41	22.9	3.35	5	0.03	0.12	56

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1098253	0.47	285	0.7	0.005	22.6	0.047	17	0.025	1.1	1.4	0.25	7	0.1	3.9	0.01	0.2	0.8	26	0.1	69
1098254	0.41	926	0.5	0.004	28.4	0.04	65.2	0.025	4.8	1.9	0.25	11	0.1	14.4	0.009	0.2	1.7	17	0.05	144
1098255	0.36	238	0.8	0.003	22.3	0.042	21.7	0.025	0.9	1.1	0.25	7	0.1	4.3	0.012	0.1	0.8	28	0.2	56
1098256	0.35	487	0.7	0.003	22.8	0.039	26.1	0.025	1.1	1	0.25	7	0.1	6.3	0.007	0.1	0.9	24	0.2	76
1098257	0.36	316	0.7	0.004	18.8	0.042	26.1	0.025	1.1	1.1	0.25	11	0.1	3.5	0.011	0.2	1	27	0.2	66
1098258	0.35	488	0.6	0.003	25.5	0.045	32.8	0.025	1.9	1.6	0.25	11	0.1	5.9	0.006	0.2	1.4	23	0.2	93
1098259	0.31	926	0.6	0.004	25.7	0.043	40.5	0.025	1.9	1.2	0.25	11	0.1	5.3	0.009	0.2	1.3	22	0.2	80
1098260	0.36	645	0.5	0.003	27.5	0.036	53.9	0.025	2.4	1.5	0.25	9	0.1	8.9	0.008	0.1	1.1	23	0.2	92
1098261	0.36	708	0.6	0.003	23.5	0.044	80.9	0.025	4.2	1.2	0.25	12	0.1	7.7	0.007	0.2	1	23	0.1	138
1098262	0.29	453	0.6	0.004	19.1	0.041	28.3	0.025	2.7	1.2	0.25	8	0.1	3.9	0.008	0.2	0.8	22	0.2	59
1098263	0.36	840	0.6	0.005	24.3	0.055	87	0.025	0.8	1.7	0.25	13	0.1	4.2	0.013	0.2	1.1	27	0.3	350
1098264	0.53	692	0.7	0.004	30.8	0.057	72.1	0.025	0.9	1.7	0.25	15	0.1	4.8	0.012	0.2	1.7	31	0.2	201
1098265	0.64	1035	0.4	0.005	42.2	0.057	586	0.025	3.9	3	0.8	17	0.1	8.6	0.035	0.3	1.8	32	0.4	839
1098266	0.37	1175	0.6	0.004	26.2	0.049	180.5	0.025	1.6	1.9	0.7	14	0.1	6.6	0.015	0.2	1.7	25	0.4	895
1098267	0.49	796	0.6	0.014	30.8	0.047	65.5	0.025	1.2	2.4	0.6	23	0.1	7.3	0.03	0.3	1.4	33	0.6	401
1098268	0.45	662	0.6	0.006	23.5	0.053	184.4	0.025	0.9	1.9	0.25	13	0.1	4.1	0.02	0.2	1.6	32	0.3	527
1098269	0.41	580	0.6	0.008	22	0.062	25.4	0.025	0.8	1.9	0.6	16	0.1	3.2	0.015	0.3	1.5	32	0.3	197
1098270	0.52	553	0.5	0.035	32.3	0.065	35.1	0.025	0.9	2.8	0.6	35	0.1	7.5	0.035	0.4	1.6	30	0.4	183
1098271	0.51	308	0.9	0.033	25.2	0.065	8.8	0.24	0.9	2	0.25	38	0.1	7.7	0.05	0.4	1.5	39	0.4	81
1098272	0.4	1148	0.8	0.006	35.4	0.074	16.2	0.025	1	1.9	0.25	21	0.1	7	0.036	0.2	1.4	37	1.5	93
1098273	0.5	379	0.6	0.018	27.1	0.054	10	0.06	0.6	2	0.25	38	0.1	4.9	0.046	0.3	1.3	35	0.6	129
1098274	0.4	391	0.8	0.01	24.7	0.033	11.9	0.025	0.7	2.1	0.25	14	0.1	5.5	0.037	0.3	1	36	0.6	62
1098275	0.38	268	0.9	0.007	19.7	0.054	10.2	0.025	0.7	1.9	0.25	16	0.1	2.6	0.029	0.2	1.1	43	0.5	56
1098276	0.36	409	1.1	0.005	22.1	0.042	15.5	0.025	0.6	2	0.25	8	0.1	4.1	0.034	0.2	0.8	40	0.6	63
1098277	0.39	411	0.8	0.009	24.4	0.041	12.7	0.025	0.8	2	0.25	13	0.1	4.1	0.033	0.2	1	39	0.5	62
1098278	0.47	596	0.9	0.008	26.9	0.053	16.2	0.025	0.9	2.4	0.25	20	0.1	5.1	0.039	0.4	1.6	37	0.6	104
1098279	0.52	608	1	0.006	27.4	0.056	85.5	0.025	0.8	2.9	0.25	16	0.1	5.3	0.039	0.4	1.4	42	0.3	318
1098280	0.41	729	0.9	0.006	24.8	0.058	22.1	0.025	0.7	2.1	0.25	15	0.1	5.8	0.038	0.3	1.2	42	0.8	796
1098281	0.37	398	0.6	0.008	21.6	0.046	14.7	0.025	0.7	1.8	0.6	13	0.1	5.7	0.033	0.2	0.9	29	0.5	85
1098282	0.38	505	0.7	0.005	20	0.048	14.9	0.025	0.6	2	0.25	10	0.1	3.2	0.03	0.2	1	34	0.3	171
1098283	0.43	463	0.7	0.004	19.2	0.065	72.2	0.025	0.9	2	0.25	11	0.1	2.3	0.028	0.3	1.1	36	0.3	323
1098284	0.4	370	0.7	0.004	21.1	0.07	50	0.025	0.6	2.1	0.25	14	0.1	3.4	0.025	0.2	1.1	34	0.3	257
1098285	0.38	880	0.7	0.005	18	0.057	87.4	0.025	1	2	0.25	13	0.1	3.2	0.033	0.2	1.3	34	0.3	412
1098286	0.45	433	0.9	0.005	23.9	0.072	10	0.025	0.8	1.9	0.25	17	0.1	5	0.039	0.2	1.2	35	0.4	70
1098287	0.45	341	0.8	0.007	29.7	0.063	16.5	0.025	0.8	1.9	0.25	19	0.1	6.4	0.041	0.3	1.2	34	0.4	81
1098288	0.48	300	1.2	0.005	27.3	0.066	12.9	0.025	0.9	3	0.25	12	0.1	5.5	0.034	0.3	1.7	45	0.6	84
1098289	0.18	224	1	0.003	11.2	0.041	10.6	0.025	0.8	1	0.25	7	0.1	1.2	0.027	0.1	0.6	40	0.3	48
1098290	0.4	278	1.1	0.006	22.1	0.026	10.9	0.025	0.9	2.3	0.5	10	0.1	3.9	0.034	0.1	0.6	38	0.2	66
1098291	0.62	541	0.8	0.011	29.1	0.05	22.2	0.09	0.7	2.9	0.25	33	0.1	12.2	0.067	0.6	1.9	39	0.6	282
1098292	0.38	772	0.7	0.008	25.9	0.058	26.2	0.025	0.8	2	0.25	17	0.1	6.9	0.043	0.2	1.1	40	1.6	309
1098293	0.42	958	0.9	0.007	27.1	0.071	68	0.05	1.1	2.6	0.25	21	0.1	7.6	0.046	0.2	1.5	38	1.3	346
1098295	0.45	638	1	0.014	38.4	0.06	28.6	0.08	0.7	2.8	0.25	25	0.1	8.2	0.058	0.2	1.5	39	3.1	372
1098296	0.44	937	1	0.011	25.8	0.069	101.5	0.025	1	2.7	0.25	23	0.1	6.3	0.04	0.2	1.4	39	1.8	645
1098297	0.46	1108	0.8	0.008	25.7	0.063	62.2	0.025	1.2	2.8	0.25	22	0.1	9.2	0.04	0.3	1.5	33	0.9	597
1098301	0.66	789	3.6	0.007	31.8	0.07	41.1	0.025	2.8	4.4	0.7	36	0.1	5.2	0.055	0.2	2.9	56	0.2	86
1098302	0.58	1030	5.8	0.007	25.5	0.091	38	0.025	3.6	2.6	0.7	60	0.1	2.9	0.033	0.2	2.2	54	0.1	91

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1098303	413716	7085215	8N	0.05	0.67	3.6	0.8	2	133	0.2	0.14	0.2	4.5	46	11.8	1.94	5	0.03	0.27	39
1098304	413756	7085244	8N	0.05	1.52	17.9	5.2	2	151	0.4	0.26	0.3	16.4	42	29.8	3.57	5	0.02	0.17	81
1098305	413795	7085276	8N	0.2	1.39	8.5	4.4	1	365	0.5	0.4	0.2	13	68	19.1	3.36	6	0.03	0.21	28
1098306	413844	7085363	8N	0.05	1.42	15.5	0.25	1	123	0.2	0.14	0.2	14.3	51	20.9	3.1	4	0.03	0.08	17
1098307	413871	7085404	8N	0.05	1.18	9.6	1.6	0.5	103	0.2	0.13	0.05	7.4	28	11.4	2.11	4	0.03	0.05	16
1098308	413913	7085431	8N	0.05	1.06	9.5	1.3	0.5	178	0.2	0.13	0.2	6.1	20	14.1	1.97	4	0.03	0.04	14
1098309	413950	7085466	8N	0.05	0.96	7.3	0.25	0.5	68	0.2	0.07	0.05	3.7	19	10.1	1.42	4	0.04	0.03	13
1098310	413995	7085489	8N	0.2	1.7	13.1	3	0.5	94	0.4	0.42	0.1	13.3	71	39.5	3.4	5	0.02	0.17	34
1098311	414036	7085518	8N	0.2	1.65	14.6	0.25	1	102	0.4	0.56	0.3	27.1	68	38.6	3.62	5	0.02	0.17	32
1098312	414077	7085547	8N	0.3	0.84	7.6	0.25	0.5	62	0.2	0.21	0.05	4.7	23	9.1	1.32	3	0.04	0.05	17
1098313	414117	7085576	8N	0.05	1.08	11.5	2.3	1	109	0.2	0.06	1	8.2	28	16.1	2.44	4	0.02	0.05	20
1098314	414161	7085601	8N	0.05	1.31	9.7	0.25	0.5	96	0.2	0.14	0.1	9.1	33	17.6	2.63	4	0.03	0.06	22
1098315	414207	7085622	8N	0.05	1.28	11.9	2.5	2	107	0.3	0.35	0.2	8.9	28	18.8	2.98	4	0.02	0.07	23
1098316	414253	7085642	8N	0.2	0.96	6.8	0.25	2	138	0.2	0.4	0.2	7	25	17.4	2.03	4	0.04	0.05	24
1098317	414347	7085677	8N	0.3	0.94	12.2	1	0.5	39	0.2	0.04	0.2	2.8	23	11.7	1.83	5	0.05	0.04	16
1098318	414392	7085698	8N	0.1	1.16	15.1	3.9	1	151	0.3	0.28	0.1	10.8	26	24.2	2.99	4	0.02	0.08	22
1098319	414435	7085723	8N	0.05	0.81	17	1.8	0.5	58	0.2	0.07	0.1	5.4	20	13.7	1.76	4	0.03	0.06	18
1098320	414477	7085753	8N	0.1	1.24	10.2	5.1	0.5	94	0.2	0.11	0.05	6.1	33	16	2.06	4	0.04	0.05	17
1098321	414527	7085769	8N	0.2	1.56	15	2.7	1	180	0.2	0.34	0.1	11.7	43	29.4	3.12	5	0.04	0.08	25
1098322	414571	7085792	8N	0.2	1.46	14.7	2.5	1	214	0.2	0.7	0.2	12.8	36	28.5	3.1	4	0.03	0.09	21
1098323	414616	7085812	8N	0.2	1.21	13.2	1.1	1	243	0.2	0.69	0.2	12	31	28.3	2.58	4	0.05	0.06	21
1098324	414659	7085837	8N	0.1	1.39	12.4	1.9	0.5	200	0.2	0.31	0.2	13.1	38	24.6	2.88	5	0.03	0.13	26
1098325	414700	7085868	8N	0.05	1.49	12.9	6.7	0.5	114	0.3	0.14	0.1	11.6	38	25.3	3.11	5	0.04	0.13	29
1098326	414744	7085888	8N	0.05	1.18	9.9	2.2	0.5	180	0.2	0.21	0.05	9.7	22	18.5	2.25	4	0.04	0.06	21
1098327	414767	7085934	8N	0.3	0.92	11.5	4.6	0.5	122	0.2	0.14	0.4	7	21	16	1.98	4	0.05	0.09	18
1098328	414819	7085949	8N	0.2	1.88	31.1	4.1	1	119	0.4	0.5	0.5	31.2	46	52.9	4.91	6	0.04	0.28	31
1098329	417207	7083645	8N	0.05	1.8	16.3	14.2	1	61	0.5	0.03	0.2	21.4	22	43.9	3.91	5	0.02	0.05	42
1098330	417245	7083677	8N	0.1	2.2	19.6	16.4	0.5	74	1.2	0.02	0.3	56.7	24	243.2	9.87	5	0.04	0.05	52
1098331	417278	7083715	8N	0.05	1.79	20.2	10.8	0.5	69	0.4	0.05	0.3	19.1	23	35.8	3.29	5	0.03	0.05	33
1098332	417321	7083741	8N	0.1	1.15	7.7	15	0.5	132	0.2	0.21	0.2	14.4	23	24.3	2.48	4	0.03	0.06	33
1098333	417370	7083755	8N	0.05	1.58	10.6	15.3	0.5	41	0.4	0.08	0.1	12.6	19	41.5	3.56	4	0.005	0.04	56
1098334	417417	7083774	8N	0.1	1.48	9.1	12.5	0.5	46	0.4	0.12	0.3	16.8	18	45.3	3.61	4	0.005	0.04	56
1098335	417468	7083778	8N	0.1	1.58	16.6	13.7	0.5	44	0.5	0.06	0.2	17.1	18	45.3	4	5	0.005	0.05	57
1098336	417518	7083785	8N	0.2	1.6	16.8	11.4	0.5	53	0.5	0.04	0.05	13.1	20	45.6	3.83	5	0.02	0.06	64
1098337	414507	7074603	8N	2.7	1.12	299.5	76.2	0.5	98	3.9	0.28	5.9	18.9	18	96.8	3.18	3	0.03	0.1	39
1098338	414526	7074557	8N	1.8	1.66	231.7	9.6	2	122	2.2	0.16	8.8	22.2	32	118.2	3.54	5	0.1	0.1	29
1098339	414546	7074511	8N	0.5	1.49	174.8	19.1	0.5	112	0.6	0.12	0.9	10.9	25	34	2.87	5	0.08	0.07	26
1098340	414565	7074465	8N	0.2	1.09	40.2	3.5	0.5	89	0.6	0.08	0.8	7.9	21	24.7	2.3	4	0.05	0.06	16
1098341	414587	7074419	8N	0.3	1.31	72.9	131.2	0.5	119	0.3	0.19	0.5	10.7	22	24.8	2.48	4	0.03	0.12	17
1098342	414606	7074373	8N	0.3	1.28	49.6	5.3	1	93	0.4	0.1	0.4	20.7	19	45	2.54	4	0.05	0.05	33
1098343	414625	7074326	8N	0.5	1.18	31.2	3.4	1	92	0.8	0.08	1.1	9.4	21	35	2.43	3	0.04	0.05	15
1098344	414644	7074281	8N	0.7	1.14	26.4	50.5	1	110	0.4	0.1	1.1	8	20	33.5	2.25	3	0.05	0.05	15
1098345	414664	7074234	8N	1.1	1.22	57.5	6.7	0.5	106	0.3	0.11	0.7	6.5	20	22.9	2.12	3	0.04	0.06	16
1098346	414683	7074188	8N	0.05	1.32	12	2	2	127	0.2	0.18	0.3	8.4	23	24.1	2.23	4	0.03	0.07	14
1098347	414704	7074143	8N	0.1	1.31	25.7	3.9	0.5	95	0.6	0.1	1.2	7.2	23	25.2	2.37	4	0.04	0.08	14
1098348	414723	7074096	8N	0.2	1.19	46.9	5.4	0.5	122	0.7	0.09	1.4	8	20	21.6	2.32	4	0.04	0.09	12

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1098303	0.44	607	13	0.014	12.7	0.067	31.7	0.025	0.5	3.3	0.7	32	0.1	4.1	0.054	0.2	0.7	61	0.2	73
1098304	0.73	1189	4.5	0.007	30.7	0.095	41	0.025	5.8	3.6	0.6	60	0.1	7	0.049	0.2	3.3	55	0.2	115
1098305	0.73	1651	8.9	0.008	28.2	0.084	37.9	0.025	1.2	5.5	0.7	78	0.1	3.9	0.07	0.2	1.2	87	0.2	76
1098306	0.57	767	2.1	0.006	31.8	0.045	19.4	0.025	2.7	3.2	0.6	17	0.1	3.5	0.042	0.1	0.8	48	0.1	79
1098307	0.35	322	1	0.005	15.6	0.04	11.4	0.025	0.7	1.7	0.9	14	0.1	1.2	0.024	0.1	0.6	41	0.2	48
1098308	0.3	274	0.9	0.004	15.6	0.051	9.8	0.025	0.7	1.1	0.6	15	0.1	0.5	0.017	0.1	0.6	35	0.1	48
1098309	0.22	127	0.5	0.003	9.8	0.03	10.1	0.025	0.5	1.3	0.6	8	0.1	0.4	0.014	0.05	0.5	36	0.05	28
1098310	0.9	429	0.9	0.006	39.8	0.065	26.1	0.025	2.1	2.7	0.6	48	0.1	6.1	0.021	0.2	2.2	30	0.05	82
1098311	0.9	1514	1.3	0.005	42.8	0.062	31.3	0.025	3.1	2.4	0.25	55	0.1	6.6	0.022	0.2	1.5	30	0.05	87
1098312	0.35	184	0.7	0.006	12	0.053	14.6	0.025	2.8	0.9	0.25	25	0.1	0.4	0.008	0.1	0.6	27	0.1	35
1098313	0.37	552	1.2	0.003	18	0.072	23.3	0.025	7.9	0.6	0.6	9	0.1	0.4	0.008	0.05	0.8	33	0.1	56
1098314	0.51	287	1	0.004	21.5	0.063	17.5	0.025	2.4	1.3	0.8	17	0.1	1.1	0.016	0.05	0.8	38	0.1	55
1098315	0.57	294	0.9	0.005	23.3	0.071	23.4	0.025	4	1.9	0.25	43	0.1	2	0.018	0.05	0.9	39	0.2	65
1098316	0.43	405	1.1	0.005	19.2	0.047	15.1	0.025	1.5	1	0.25	38	0.1	0.5	0.012	0.05	0.8	30	0.1	44
1098317	0.14	64	0.9	0.003	8	0.042	15.7	0.06	3.9	1.3	0.5	5	0.1	0.7	0.011	0.1	0.6	34	0.1	23
1098318	0.47	479	1.2	0.008	26.8	0.057	21.2	0.025	5.8	2.5	0.25	31	0.1	3.6	0.023	0.1	0.9	36	0.2	69
1098319	0.27	156	1.2	0.005	14.9	0.031	24	0.025	13.2	1.4	0.25	11	0.1	1.3	0.016	0.05	0.5	32	0.2	43
1098320	0.42	154	0.9	0.005	18.6	0.046	17.2	0.025	2.6	1.3	0.25	13	0.1	0.9	0.02	0.05	0.8	36	0.2	44
1098321	0.67	382	1.3	0.007	33.4	0.052	31.1	0.025	4.9	3.5	0.6	43	0.1	4	0.018	0.1	1.2	45	0.2	77
1098322	0.59	532	1.1	0.006	33.2	0.066	27.6	0.025	2.6	3.2	0.7	60	0.1	3.7	0.024	0.1	1.1	44	0.2	73
1098323	0.52	786	1.1	0.006	29.1	0.075	21.6	0.025	4.4	2.6	0.6	63	0.1	3.7	0.017	0.05	1	33	0.1	67
1098324	0.63	476	1.1	0.006	27.1	0.076	30	0.025	2.6	3.3	0.6	39	0.1	4.4	0.03	0.2	1	44	0.2	77
1098325	0.63	343	1.3	0.006	30.2	0.06	25.3	0.025	3	3.3	0.8	24	0.1	7.1	0.047	0.2	0.8	49	0.1	72
1098326	0.42	393	0.9	0.007	20	0.056	15.6	0.025	1	2.1	0.6	20	0.1	2.3	0.018	0.1	1	35	0.2	56
1098327	0.35	291	1	0.005	16.5	0.055	35.1	0.025	10.7	1.8	0.25	18	0.1	1.5	0.022	0.1	0.6	37	0.2	61
1098328	1	1803	1.6	0.005	66.4	0.092	44.3	0.025	9.3	4.2	1	80	0.1	7.1	0.047	0.3	2	46	0.1	124
1098329	0.53	365	1.2	0.005	41.4	0.041	29.6	0.025	1.9	1.4	0.25	15	0.1	17.5	0.006	0.05	2.1	26	0.05	78
1098330	0.58	607	1.9	0.006	83.7	0.091	51.1	0.025	3.2	2.9	0.9	18	0.1	37.2	0.004	0.05	11.6	18	0.05	140
1098331	0.46	441	1.5	0.004	34	0.038	23.5	0.025	2.7	1.8	0.25	12	0.1	12.6	0.017	0.1	1.2	37	0.1	77
1098332	0.42	608	1.1	0.008	26.6	0.054	18.6	0.025	1.3	1.6	0.5	22	0.1	3.6	0.013	0.05	1.8	30	0.1	76
1098333	0.68	286	1	0.004	36.2	0.044	26	0.025	1.8	1.3	0.25	14	0.1	18.9	0.003	0.05	2.7	15	0.05	84
1098334	0.65	490	1.1	0.004	48.5	0.043	28.1	0.025	1.9	1.3	0.25	18	0.1	19.8	0.003	0.05	2.9	15	0.05	93
1098335	0.63	363	0.9	0.004	35.7	0.043	38.9	0.025	5.3	1.4	0.25	16	0.1	20.3	0.002	0.05	2.1	15	0.05	95
1098336	0.6	282	1.4	0.007	32.2	0.054	33.1	0.025	2.8	1.3	0.25	22	0.1	18.9	0.003	0.05	2.2	18	0.05	83
1098337	0.48	2110	0.5	0.008	41.2	0.066	260.6	0.025	1.8	1.9	0.6	24	0.1	13.2	0.024	0.3	1.8	21	0.4	669
1098338	0.59	1452	1	0.014	39.4	0.095	91.8	0.025	1.2	2.4	0.5	18	0.1	7.3	0.02	0.4	2.4	34	0.2	773
1098339	0.44	509	0.9	0.008	25.6	0.089	53.2	0.025	1	1.2	0.5	15	0.1	2.5	0.012	0.2	1.7	31	0.2	136
1098340	0.33	351	0.7	0.004	20.3	0.036	19.2	0.025	0.7	1.4	0.25	9	0.1	2.7	0.019	0.2	0.8	32	0.2	143
1098341	0.48	545	0.6	0.008	31.1	0.027	21.3	0.025	0.9	2.2	0.25	16	0.1	5.5	0.062	0.3	0.7	30	0.2	82
1098342	0.41	556	0.9	0.006	39.5	0.059	26.2	0.025	0.9	1.3	0.8	9	0.1	2.3	0.013	0.1	1.5	29	0.2	115
1098343	0.35	560	0.9	0.005	24.9	0.03	76.9	0.025	1	1.8	0.6	9	0.1	2.9	0.021	0.2	0.8	36	0.2	424
1098344	0.34	467	0.9	0.005	22.7	0.044	59.1	0.025	1	1.8	0.6	9	0.1	2.9	0.015	0.2	0.7	33	0.3	260
1098345	0.32	534	0.8	0.006	19.6	0.075	36.3	0.025	1.2	1.4	0.25	10	0.1	2	0.01	0.4	0.7	32	0.2	142
1098346	0.43	245	1	0.006	23.1	0.062	11.6	0.025	0.8	2.4	0.25	14	0.1	3.9	0.04	0.1	0.7	40	0.3	72
1098347	0.4	275	1	0.005	20.6	0.039	13.9	0.025	0.8	2.1	0.25	10	0.1	3	0.036	0.2	0.7	38	0.3	247
1098348	0.33	286	0.7	0.005	19.6	0.03	14.1	0.025	0.7	1.7	0.8	10	0.1	3	0.034	0.3	0.7	32	0.3	285

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1098349	413470	7070904	8N	0.05	0.92	12.7	2.5	0.5	74	0.2	0.06	0.1	5.5	18	18.3	2.05	3	0.03	0.03	18
1098350	413451	7070950	8N	0.1	1.21	16	3.3	1	132	0.2	0.1	0.1	9.5	23	23.5	2.6	3	0.03	0.04	19
1098351	406814	7077268	8N	0.05	1.07	27.3	4.3	0.5	101	0.3	0.11	0.3	13.6	28	30.9	2.43	4	0.03	0.03	16
1098352	406812	7077218	8N	0.2	1.13	13	12.2	0.5	60	0.3	0.05	0.4	8.4	20	28	2.47	4	0.03	0.03	15
1098353	406806	7077168	8N	0.4	1.03	15.4	5.4	0.5	51	0.3	0.07	0.7	9.8	19	32.6	2.47	3	0.04	0.03	19
1098354	406796	7077119	8N	2.3	1.38	37.9	11.3	1	67	0.3	0.11	1.7	11.7	24	42	2.98	4	0.06	0.04	19
1098355	406787	7077069	8N	0.8	1.32	47.3	17.2	0.5	84	0.4	0.09	2.3	16.5	32	37	3.09	4	0.05	0.03	19
1098356	406773	7077021	8N	0.5	1.12	97.1	26.3	1	70	0.5	0.14	1.8	12.3	20	32.5	2.7	3	0.03	0.03	18
1098357	406761	7076973	8N	0.6	1.19	11.7	3.8	0.5	70	0.5	0.06	4.7	16.4	18	40.1	2.58	4	0.04	0.04	20
1098358	406793	7076935	8N	0.4	1.22	10.6	7.8	1	93	0.3	0.1	0.5	15.1	20	47.7	2.63	3	0.06	0.03	21
1098359	406829	7076901	8N	1	0.59	191	45.4	0.5	42	0.4	0.42	4.4	16.8	9	36.7	3.44	1	0.03	0.03	32
1098360	406868	7076871	8N	0.8	0.56	91.9	27.6	1	71	0.4	0.55	7.6	14.4	9	33.9	3.54	1	0.04	0.03	30
1098361	406911	7076844	8N	0.2	1.05	37.1	16.9	0.5	89	0.4	0.12	1	9.6	15	20	2.57	3	0.03	0.03	19
1098362	406951	7076816	8N	0.5	0.61	8.4	3.6	1	28	0.9	4.56	0.05	27.5	8	53.9	5.09	2	0.005	0.04	22
1098364	406997	7076795	8N	1.5	0.63	118.4	22.6	0.5	131	0.3	1.1	3.8	13.1	10	30.6	3.21	2	0.05	0.03	19
1098365	407041	7076772	8N	0.1	0.69	15.4	7	0.5	89	0.3	0.9	0.2	9.8	12	20.9	2.52	2	0.03	0.02	23
1098366	407088	7076754	8N	0.2	0.52	10	2	1	60	0.3	0.38	0.3	12.7	7	24.4	3.05	1	0.03	0.03	34
1098367	407127	7076721	8N	0.1	1.45	75.7	3.8	0.5	72	0.9	0.05	0.2	23.6	18	36.5	3.62	3	0.03	0.07	21
1098368	407167	7076694	8N	0.2	0.49	8.1	2.6	1	42	0.4	1.68	0.4	14.8	7	28.2	3.46	1	0.03	0.03	28
1098369	407210	7076667	8N	5.3	0.59	1459.3	95.3	0.5	107	2.9	0.14	0.7	15.1	11	33.3	4.26	2	0.06	0.05	31
1098370	407251	7076638	8N	0.05	1.19	19.9	7.4	0.5	133	0.2	0.13	0.1	9.3	18	17.7	2.69	3	0.04	0.03	18
1098371	407296	7076617	8N	0.1	1.15	14.4	2.8	0.5	135	0.2	0.38	0.2	9.7	19	17.1	2.34	3	0.03	0.03	17
1098372	407341	7076594	8N	0.1	1.15	14.1	2.7	0.5	140	0.2	0.16	0.2	12.5	20	19.2	2.72	3	0.04	0.03	19
1098373	407390	7076581	8N	0.05	1.24	15.8	2.9	1	123	0.2	0.08	0.2	7.1	20	14.1	2.38	4	0.04	0.04	12
1098374	407439	7076574	8N	0.05	1.23	25	7.1	1	132	0.2	0.08	0.5	9.2	20	17.8	2.36	3	0.04	0.04	13
1098375	407487	7076564	8N	0.2	0.84	39.8	12.5	1	67	0.2	0.06	0.4	8.5	15	21.7	2.48	3	0.03	0.06	15
1098376	407537	7076557	8N	0.5	1.08	39.7	6	0.5	118	0.3	0.09	1.4	9.5	19	18.2	2.58	3	0.04	0.04	14
1098377	407587	7076550	8N	0.1	1.13	28	34.4	0.5	79	0.3	0.05	0.5	6.4	19	18.4	2.39	3	0.04	0.04	12
1098379	407636	7076545	8N	0.8	1.12	45.3	13.3	0.5	75	0.3	0.04	1.2	9	17	24.6	2.67	3	0.04	0.04	17
1098380	407684	7076534	8N	0.2	0.88	45.8	6.9	3	66	0.2	0.06	0.9	7.6	16	15.8	2.26	3	0.03	0.03	14
1098381	414700	7073381	8N	0.1	1.28	63.5	4.1	0.5	106	0.3	0.12	0.2	7.3	23	20.3	2.33	4	0.04	0.07	16
1098401	404249	7078664	8N	0.05	1.31	25.5	16.9	1	86	0.3	0.08	0.05	7	22	14.8	2.24	4	0.03	0.05	17
1098402	404291	7078694	8N	0.05	0.99	19.1	6.2	0.5	82	0.2	0.16	0.2	9	20	15.2	2.14	3	0.02	0.05	16
1098403	404337	7078719	8N	0.05	1.39	19.2	5.3	0.5	108	0.2	0.13	0.1	8.3	25	18.3	2.3	4	0.01	0.11	21
1098404	404380	7078745	8N	0.1	1.33	26.5	6.1	0.5	154	0.2	0.15	0.2	11.5	24	26	2.52	3	0.02	0.09	23
1098405	404424	7078771	8N	0.05	1.23	24.5	4.9	0.5	164	0.2	0.16	0.2	9.4	23	25.9	2.38	3	0.03	0.06	24
1098406	404467	7078797	8N	0.1	1.2	15.1	1	0.5	176	0.2	0.13	0.05	9.6	22	22.7	2.34	3	0.02	0.08	32
1098407	404512	7078820	8N	0.05	1.29	32.7	3.3	0.5	194	0.3	0.12	0.2	14.8	19	32.7	2.94	3	0.005	0.16	49
1098408	404550	7078853	8N	0.1	1.58	17.7	2.7	0.5	302	0.3	0.24	0.2	18.9	41	50.9	3.18	4	0.02	0.24	40
1098409	404592	7078880	8N	0.05	1.31	15.6	2.7	0.5	147	0.2	0.17	0.1	12.4	22	25.3	2.48	3	0.03	0.05	22
1098410	404634	7078910	8N	0.05	1.19	11.7	2.5	0.5	115	0.3	0.27	0.05	11.1	21	17.6	2.19	4	0.02	0.04	15
1098411	404679	7078934	8N	0.1	1.09	28.8	3.7	1	47	0.3	0.51	0.1	11.2	21	42.4	2.19	3	0.02	0.05	29
1098412	404723	7078961	8N	0.1	1.25	11.1	10.5	0.5	74	0.3	0.12	0.3	11	21	25.4	2.43	3	0.03	0.04	19
1098413	404766	7078989	8N	0.1	1.19	10.9	4.9	0.5	232	0.3	0.23	0.2	12.2	22	34.5	2.51	3	0.02	0.05	27
1098414	404807	7079019	8N	0.2	1.43	11.4	7.2	0.5	342	0.3	0.31	0.2	13.6	29	39.3	2.87	4	0.02	0.06	26
1098415	404855	7079037	8N	0.05	1.11	9.7	3.2	0.5	174	0.2	0.15	0.2	8.9	21	27.3	2.1	3	0.02	0.04	18

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1098349	0.28	184	0.9	0.003	15.9	0.039	12.1	0.025	0.9	1.2	0.25	6	0.1	3.8	0.012	0.05	0.8	26	0.3	42
1098350	0.34	331	1	0.005	22	0.05	15.4	0.025	1.2	1.6	0.25	9	0.1	2.8	0.022	0.05	1.1	36	0.3	58
1098351	0.46	420	0.8	0.003	32.8	0.039	25	0.025	0.6	1.6	0.25	12	0.1	3.3	0.016	0.05	0.8	31	0.2	61
1098352	0.35	415	0.9	0.003	17.7	0.037	39.7	0.025	0.7	1.4	0.6	6	0.1	2.7	0.018	0.05	0.6	32	0.2	67
1098353	0.43	541	0.7	0.002	23.2	0.033	86.4	0.025	1.2	1.4	0.25	8	0.1	6.9	0.021	0.05	0.8	26	0.1	105
1098354	0.48	653	1.2	0.004	30.2	0.057	340.9	0.025	2	1.9	0.25	11	0.1	5.6	0.021	0.05	1.2	35	0.2	216
1098355	0.47	932	0.9	0.003	38.8	0.051	132.5	0.025	1.7	2.4	0.25	10	0.1	5.5	0.015	0.05	1.2	32	0.2	150
1098356	0.42	604	0.9	0.004	26.3	0.071	123.2	0.025	3.8	1.7	0.6	13	0.1	5.5	0.022	0.05	1.1	28	0.3	190
1098357	0.44	1324	0.8	0.005	27.6	0.035	236.4	0.025	0.7	1.6	0.25	6	0.1	8.7	0.011	0.05	0.7	23	0.05	525
1098358	0.4	1315	0.9	0.004	30.6	0.039	52.6	0.025	0.6	1.9	0.25	12	0.1	7	0.015	0.05	1	27	0.1	80
1098359	0.19	742	0.6	0.003	41	0.055	161.4	0.025	5.2	2.1	0.25	16	0.1	12	0.005	0.05	1.2	8	0.05	282
1098360	0.16	951	0.5	0.003	37.3	0.07	91.8	0.025	3.9	2.5	0.25	22	0.1	10.1	0.007	0.05	1.1	11	0.1	479
1098361	0.3	460	0.8	0.003	20.8	0.032	62.3	0.025	0.6	1.4	0.25	8	0.1	4.8	0.009	0.05	0.7	23	0.1	136
1098362	0.36	643	0.6	0.003	61.7	0.068	44.2	0.025	0.6	1.9	0.25	183	0.1	23.7	0.004	0.05	2.7	3	0.05	97
1098364	0.17	2744	0.8	0.003	31.3	0.092	247.8	0.025	1.6	1.7	0.9	43	0.1	4.3	0.007	0.05	1.3	14	0.1	179
1098365	0.24	607	0.5	0.004	22.4	0.065	21.6	0.025	0.5	1.9	0.7	53	0.1	3.9	0.009	0.05	0.8	18	0.1	56
1098366	0.15	1003	0.4	0.002	27.6	0.059	35	0.025	0.4	1.8	0.25	19	0.1	5.4	0.004	0.05	0.9	7	0.05	46
1098367	0.26	793	1	0.003	38.9	0.04	45.7	0.025	3.8	1.4	0.8	12	0.1	15.1	0.006	0.1	1.2	21	0.1	71
1098368	0.22	1111	0.4	0.003	31.1	0.075	45.3	0.025	0.5	1.7	0.25	58	0.1	6.3	0.013	0.05	1.2	4	0.05	77
1098369	0.14	1060	0.6	0.003	31.4	0.031	123.7	0.025	21	2.1	0.25	15	0.1	12	0.006	0.2	1.6	14	0.1	72
1098370	0.28	391	0.7	0.004	22.7	0.047	15.1	0.025	0.6	1.9	0.25	9	0.1	4.5	0.015	0.05	0.9	29	0.2	41
1098371	0.3	407	0.8	0.004	25	0.05	18.1	0.025	0.6	2.1	0.25	22	0.1	4	0.016	0.05	0.8	29	0.2	47
1098372	0.28	864	0.7	0.005	27	0.049	20.3	0.025	0.5	2.4	0.5	12	0.1	5.8	0.016	0.05	1	29	0.2	49
1098373	0.27	246	0.8	0.004	16.5	0.04	13.2	0.025	0.7	1.7	0.25	8	0.1	2.5	0.017	0.1	0.7	37	0.2	43
1098374	0.29	390	0.8	0.004	19.8	0.048	38.4	0.025	0.6	1.7	0.7	9	0.1	2.6	0.016	0.05	0.9	31	0.2	65
1098375	0.26	314	0.8	0.003	20.1	0.037	29.8	0.025	0.9	1.3	0.25	14	0.1	5.4	0.013	0.05	0.9	21	0.2	65
1098376	0.26	519	0.9	0.003	19.8	0.046	172.5	0.025	1.1	1.6	0.5	10	0.1	2.7	0.013	0.05	0.9	28	0.2	143
1098377	0.25	231	1	0.003	15.6	0.037	62.6	0.025	0.7	1.4	0.25	6	0.1	1.5	0.013	0.1	0.9	29	0.2	62
1098379	0.28	356	0.7	0.003	21.7	0.036	76.2	0.025	1.2	1.8	0.25	6	0.1	4.9	0.008	0.1	1.4	23	0.2	144
1098380	0.23	375	0.8	0.005	16.1	0.037	67.7	0.025	0.7	1.4	0.25	6	0.1	3.3	0.012	0.05	0.8	25	0.2	105
1098381	0.42	336	0.9	0.006	19.1	0.056	11.5	0.06	0.7	1.4	0.9	13	0.1	1.5	0.029	0.2	1.1	37	0.5	61
1098401	0.37	223	0.7	0.004	15.7	0.043	14.7	0.025	0.4	1.5	0.25	9	0.1	1.6	0.024	0.1	0.8	35	0.2	51
1098402	0.36	430	0.6	0.005	17.9	0.058	12.4	0.025	0.4	1.4	0.25	13	0.1	3.4	0.03	0.1	0.7	30	0.2	56
1098403	0.46	289	0.5	0.005	20.7	0.043	14.8	0.025	0.4	1.9	0.25	11	0.1	3.5	0.036	0.2	0.7	30	0.1	53
1098404	0.46	601	0.6	0.006	28	0.061	14.1	0.025	0.6	2.6	0.25	14	0.1	7.7	0.044	0.2	1.1	32	0.2	82
1098405	0.4	383	0.6	0.005	24.4	0.047	15.8	0.025	0.5	2.4	0.25	12	0.1	6.5	0.032	0.2	1	31	0.1	61
1098406	0.46	412	0.5	0.004	24.1	0.043	17.1	0.025	0.4	2.2	0.25	11	0.1	6.1	0.028	0.2	0.8	27	0.1	59
1098407	0.51	612	0.5	0.004	33.6	0.04	30.8	0.025	0.4	2.3	0.25	13	0.1	19.3	0.035	0.3	1	20	0.05	76
1098408	0.73	832	0.7	0.008	46.1	0.069	21.9	0.025	0.5	3.4	0.25	25	0.1	13.8	0.072	0.3	0.8	37	0.2	82
1098409	0.42	399	0.6	0.005	25.4	0.054	17.1	0.025	0.5	2.2	0.25	14	0.1	5.6	0.026	0.1	0.8	33	0.2	55
1098410	0.42	432	1	0.005	18.8	0.039	14	0.025	0.3	1.7	0.25	19	0.1	3.6	0.026	0.1	0.8	32	0.2	51
1098411	0.42	414	0.7	0.006	24.5	0.055	14.1	0.025	0.3	1.8	0.25	31	0.1	4.4	0.028	0.05	6.8	24	0.1	68
1098412	0.43	642	0.7	0.004	23.8	0.066	13.5	0.025	0.4	1.8	0.25	10	0.1	4.4	0.031	0.2	0.9	32	0.1	80
1098413	0.51	529	0.7	0.007	25.8	0.052	13.6	0.025	0.5	3	0.25	22	0.1	9.5	0.047	0.05	0.9	33	0.1	69
1098414	0.6	571	1	0.01	28.6	0.056	14.6	0.025	0.7	3.7	0.25	33	0.1	8.1	0.055	0.05	0.8	45	0.1	84
1098415	0.37	413	0.8	0.005	22.2	0.057	10.7	0.025	0.6	2	0.25	14	0.1	4.3	0.034	0.05	0.7	33	0.2	60

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1098416	404897	7079064	8N	0.05	0.99	8.9	6.8	0.5	114	0.2	0.15	0.3	9.5	20	29	2.11	3	0.02	0.04	21
1098417	404942	7079090	8N	0.05	1.1	11.3	11.4	0.5	100	0.2	0.12	0.2	8.6	22	21.5	2.34	3	0.03	0.04	15
1098418	404986	7079115	8N	0.05	1.11	10	1.3	0.5	145	0.2	0.13	0.2	7.6	19	17.8	2.06	3	0.03	0.03	15
1098419	405029	7079141	8N	0.05	1.07	16.2	2.4	0.5	80	0.2	0.15	0.3	11.2	20	20.8	2.39	3	0.04	0.06	21
1098420	405069	7079173	8N	0.05	1.05	11.4	1.6	1	67	0.1	0.19	0.3	17.3	17	74.3	2.39	2	0.02	0.04	15
1098421	405118	7079175	8N	0.3	1.08	5.8	0.6	0.5	204	0.3	0.64	0.3	16	19	30.9	2.68	3	0.05	0.04	36
1098422	405169	7079179	8N	0.2	1.15	7.7	2	0.5	188	0.4	0.24	0.2	14.8	20	31.5	2.74	3	0.02	0.05	39
1098423	405218	7079187	8N	0.05	1.03	3.6	1	0.5	87	0.3	0.15	0.2	9	17	16.1	2.07	4	0.01	0.09	23
1098424	405269	7079188	8N	0.1	1.02	4.9	3.5	0.5	132	0.3	0.3	0.1	11.3	21	29.2	2.52	3	0.03	0.05	34
1098425	405320	7079198	8N	0.1	1.19	8.8	2.2	3	237	0.3	0.45	0.1	13.5	23	31.1	2.96	4	0.02	0.15	42
1098426	405374	7079202	8N	0.05	1.02	15.4	3.3	1	176	0.3	0.17	0.05	8.2	17	24.4	2.26	3	0.03	0.04	28
1098427	405425	7079205	8N	0.3	1.19	15.8	3.5	0.5	101	0.4	0.32	0.4	11.5	22	39.1	2.7	3	0.02	0.08	33
1098428	405475	7079208	8N	0.2	0.92	6.7	0.6	2	195	0.2	0.2	0.05	8.9	19	25.6	2.27	3	0.04	0.03	28
1098429	405526	7079211	8N	0.2	1.19	8.5	0.9	1	183	0.3	0.24	0.05	9.9	24	26.6	2.41	4	0.03	0.04	32
1098430	405576	7079217	8N	0.1	1.03	7.5	3.1	0.5	174	0.3	0.18	0.3	8.5	20	23.2	2.54	3	0.02	0.05	31
1098432	405626	7079222	8N	0.3	1.05	9.9	2.6	0.5	146	0.2	0.3	1	9.8	18	15.3	2.24	3	0.02	0.05	27
1098433	405673	7079242	8N	0.7	1.4	10.5	0.25	1	156	0.3	0.29	3.1	10.2	24	29.9	2.8	5	0.02	0.04	27
1098434	405755	7079210	8N	0.4	1.34	13.6	1.4	2	164	0.3	0.22	1.7	11.3	22	37.1	2.41	4	0.04	0.05	29
1098435	408254	7079079	8N	0.1	0.94	13.9	7	0.5	126	0.2	0.1	0.1	7.5	18	18.3	2.1	3	0.03	0.04	19
1098436	408268	7079031	8N	0.2	0.42	23.8	2.8	0.5	85	0.4	0.02	0.05	16.3	10	32.4	3.19	1	0.02	0.04	47
1098437	408295	7078989	8N	0.2	0.56	19.2	3.1	0.5	86	0.4	0.05	0.1	17.8	13	37.8	3.6	2	0.02	0.04	43
1098438	408310	7078940	8N	0.3	1.03	16.1	11.1	1	43	0.6	0.04	0.2	15.8	16	60	5	3	0.03	0.04	38
1098439	408347	7078906	8N	0.2	0.97	21.6	3.1	0.5	98	0.3	0.05	0.1	10.8	18	26	3.06	3	0.01	0.04	28
1098440	408361	7078857	8N	0.4	0.74	15.1	2.8	0.5	150	0.3	0.07	0.2	10.3	11	23.2	2.37	3	0.02	0.04	31
1098441	408390	7078815	8N	0.2	1.18	26.4	2.6	0.5	87	0.3	0.05	0.05	15.7	31	31	3.64	4	0.02	0.05	33
1098442	408414	7078772	8N	0.5	0.68	28.5	8	1	43	0.4	0.07	0.05	18.8	11	39.6	3.63	2	0.02	0.04	40
1098443	408436	7078728	8N	0.7	0.78	16.3	6.1	2	35	0.3	0.1	6.9	14.3	10	30.6	3.5	2	0.04	0.05	44
1098444	408455	7078682	8N	0.4	0.84	18.1	4.9	1	114	0.3	0.06	2.1	8.9	15	20.7	2.67	3	0.03	0.04	29
1098445	409294	7077282	8N	0.2	0.6	23.4	5.4	1	65	0.4	0.81	0.3	9.7	9	46.6	2.56	2	0.04	0.06	25
1098446	406872	7077509	8N	0.05	1.18	9.4	3.9	0.5	87	0.2	0.14	0.2	11.6	49	40	2.37	3	0.03	0.03	11
1098447	406859	7077462	8N	0.05	1.65	16.9	3.1	0.5	100	0.2	0.13	0.1	17	63	52.4	2.99	5	0.04	0.04	19
1098448	406845	7077414	8N	0.05	1.56	24.6	2.2	0.5	80	0.3	0.1	0.05	15.3	80	32.1	2.92	5	0.03	0.03	16
1098449	406832	7077366	8N	0.1	1.3	23.4	6.8	0.5	119	0.3	0.07	0.3	13.7	27	35.4	2.61	4	0.04	0.04	26
1098450	412851	7073899	8N	0.1	0.9	210.6	22	1	89	0.4	0.08	0.1	4.8	12	15	1.75	3	0.02	0.07	28
1098451	404496	7078599	8N	0.05	1.02	36.8	16.3	0.5	59	0.2	0.1	0.2	5.2	21	12	2.06	4	0.08	0.03	13
1098452	404539	7078625	8N	0.05	1.09	39.6	8.8	0.5	83	0.2	0.15	0.3	7	21	20.9	2.1	3	0.05	0.04	16
1098453	404581	7078652	8N	0.1	1.18	36.9	9.1	0.5	119	0.2	0.24	0.6	10.5	26	33.9	2.67	3	0.04	0.05	22
1098454	404624	7078678	8N	0.05	0.97	16.2	6.6	0.5	68	0.2	0.16	0.2	8.1	21	18.1	2.13	3	0.04	0.03	16
1098455	404669	7078699	8N	0.05	1.13	17.7	3.6	0.5	175	0.2	0.17	0.2	9.2	23	21.9	2.19	3	0.03	0.04	16
1098456	404712	7078726	8N	0.05	1.04	16.8	6.7	0.5	164	0.2	0.23	0.3	10.2	25	28.1	2.43	3	0.06	0.04	20
1098457	404755	7078753	8N	0.05	0.95	12.5	2.2	0.5	110	0.1	0.17	0.2	8.6	18	26.7	1.97	3	0.03	0.04	14
1098459	404799	7078777	8N	0.3	1.05	55.4	3.3	0.5	87	0.3	0.13	0.7	10.4	17	18.8	2.31	3	0.02	0.03	26
1098460	404840	7078804	8N	0.05	0.84	102.1	46.5	0.5	85	0.2	0.13	0.4	9.6	19	23.2	2.22	3	0.03	0.04	20
1098461	404883	7078830	8N	0.1	1.2	12.5	5.4	0.5	198	0.2	0.16	0.2	12.7	26	39.1	2.69	4	0.05	0.04	31
1098462	404927	7078855	8N	0.05	0.94	11.4	8.5	1	57	0.2	0.09	0.1	3.9	19	11.5	1.54	4	0.03	0.03	13
1098463	404974	7078874	8N	0.05	1.06	14.3	3.3	1	75	0.2	0.13	0.1	4.4	20	14.9	1.91	4	0.03	0.04	14

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1098416	0.36	425	0.8	0.005	23.2	0.058	11.9	0.025	0.7	2.1	0.25	14	0.1	6.1	0.037	0.05	0.8	32	0.3	61
1098417	0.36	349	0.8	0.005	20.2	0.063	11.9	0.025	0.6	1.5	0.25	11	0.1	1.7	0.031	0.05	0.7	37	0.3	56
1098418	0.34	292	0.7	0.006	14.9	0.062	9.5	0.025	0.6	1.7	0.25	13	0.1	1	0.027	0.1	0.7	35	0.1	48
1098419	0.39	429	0.6	0.004	25.3	0.063	15.8	0.025	0.6	1.8	0.25	12	0.1	8.9	0.034	0.2	0.9	27	0.2	59
1098420	0.32	430	0.7	0.005	50.5	0.075	10.6	0.025	0.6	1.5	0.25	15	0.1	4	0.034	0.05	0.9	27	0.2	143
1098421	0.33	1045	0.9	0.006	22.3	0.067	15.8	0.06	0.3	2.3	0.25	38	0.1	8.1	0.013	0.1	1.4	24	0.1	59
1098422	0.37	504	0.7	0.005	23.5	0.054	16.9	0.025	0.4	2.3	0.25	18	0.1	10.4	0.015	0.1	1.3	26	0.1	61
1098423	0.39	440	0.6	0.004	16.4	0.035	17.1	0.025	0.2	1.2	0.25	13	0.1	4.7	0.023	0.1	0.6	23	0.05	53
1098424	0.42	447	0.6	0.006	26.4	0.049	11.4	0.025	0.3	2.2	0.25	20	0.1	10.3	0.032	0.05	1.4	26	0.1	66
1098425	0.55	960	0.5	0.005	33.5	0.148	23.9	0.025	0.4	2.5	0.25	33	0.1	14.3	0.041	0.1	0.9	22	0.1	73
1098426	0.34	397	0.7	0.004	20	0.031	13.5	0.025	0.4	2.3	0.25	13	0.1	7	0.014	0.05	0.9	23	0.1	50
1098427	0.46	478	0.7	0.005	27.1	0.047	32	0.025	0.3	2.1	0.25	24	0.1	10.4	0.025	0.1	1.7	27	0.1	80
1098428	0.42	362	0.6	0.006	21.6	0.053	11.2	0.025	0.4	2.2	0.25	17	0.1	6.8	0.024	0.05	0.8	26	0.1	58
1098429	0.48	372	0.6	0.005	23.9	0.056	10	0.025	0.3	2.4	0.25	16	0.1	6.8	0.017	0.1	0.9	27	0.1	66
1098430	0.29	383	0.6	0.005	22.1	0.03	22	0.025	0.3	2.4	0.25	14	0.1	9.8	0.014	0.1	1	27	0.1	89
1098432	0.37	621	0.6	0.005	18.1	0.051	24.8	0.05	0.2	1.5	0.25	20	0.1	4	0.012	0.1	1.3	24	0.2	103
1098433	0.73	577	1.4	0.005	23.3	0.057	85.4	0.025	0.4	2.6	0.25	21	0.1	5.7	0.016	0.1	0.9	36	0.1	345
1098434	0.49	446	0.7	0.005	26	0.051	19.1	0.025	0.3	2.2	0.25	18	0.1	6.5	0.015	0.1	0.9	26	0.2	182
1098435	0.31	201	0.9	0.004	17.8	0.047	10.9	0.025	0.6	1.4	0.25	11	0.1	2.3	0.018	0.05	1	29	0.3	53
1098436	0.1	392	0.5	0.003	38.7	0.029	14	0.025	0.6	1.6	0.25	6	0.1	15.5	0.003	0.05	1.7	11	0.05	80
1098437	0.17	471	0.7	0.003	41	0.03	21.5	0.025	0.6	1.5	0.25	8	0.1	14.8	0.007	0.05	1.7	15	0.05	86
1098438	0.38	286	1.2	0.004	36	0.054	38.7	0.025	0.7	1.4	0.7	11	0.1	18.1	0.002	0.05	2.4	12	0.1	95
1098439	0.31	301	0.9	0.004	23.6	0.036	17	0.025	0.6	1.4	0.25	8	0.1	6.9	0.012	0.05	1.2	26	0.1	62
1098440	0.17	378	1	0.004	21.9	0.029	12.5	0.025	0.4	1	0.5	10	0.1	7.6	0.009	0.05	1.1	22	0.1	51
1098441	0.51	443	1	0.004	30.9	0.036	22.5	0.025	0.5	2.2	0.25	11	0.1	12	0.014	0.05	1.2	33	0.05	74
1098442	0.24	327	1.4	0.003	40	0.035	21.9	0.025	0.8	1.1	0.25	12	0.1	14.6	0.002	0.05	2	11	0.05	84
1098443	0.46	478	0.8	0.003	34.9	0.034	118.3	0.025	6	1.4	0.25	13	0.1	17.6	0.001	0.05	1.4	8	0.05	383
1098444	0.27	538	0.9	0.004	21	0.044	59	0.025	3.4	1.4	0.25	9	0.1	6.5	0.009	0.05	1	23	0.1	146
1098445	0.39	293	1.2	0.004	25.1	0.053	28.9	0.06	2.1	1.5	0.25	41	0.1	8.7	0.004	0.05	1.5	10	0.05	69
1098446	0.62	594	0.7	0.003	42.1	0.059	14	0.025	0.6	2	0.25	12	0.1	2.5	0.02	0.05	0.5	36	0.2	51
1098447	0.94	912	0.8	0.003	55.4	0.057	19	0.025	0.6	3.2	0.25	12	0.1	4.7	0.031	0.05	0.6	46	0.2	56
1098448	1	505	0.7	0.003	61.8	0.043	15.5	0.025	0.5	2.5	0.25	10	0.1	3.8	0.026	0.05	0.5	45	0.2	48
1098449	0.46	595	0.8	0.004	27.4	0.04	19.2	0.025	0.6	2.2	0.25	8	0.1	5.8	0.016	0.05	1	30	0.2	57
1098450	0.18	187	0.8	0.004	13.4	0.047	19.4	0.025	1.1	0.7	0.25	8	0.1	2	0.006	0.3	0.7	20	0.2	40
1098451	0.29	200	0.9	0.004	11.2	0.049	16.2	0.025	1	1	0.25	9	0.1	0.7	0.022	0.05	0.6	39	0.3	50
1098452	0.32	276	0.8	0.004	17.4	0.064	10.9	0.025	0.8	1.6	0.25	11	0.1	1.1	0.029	0.05	0.8	38	0.4	64
1098453	0.43	468	1	0.006	27	0.094	12.8	0.025	0.9	2.8	0.25	16	0.1	6.2	0.05	0.05	1	46	0.6	91
1098454	0.3	320	0.7	0.004	15.3	0.068	9.8	0.025	0.6	1.6	0.25	11	0.1	1.5	0.032	0.05	0.6	38	0.5	52
1098455	0.36	342	0.7	0.005	18.5	0.077	9	0.025	0.7	2.4	0.6	14	0.1	2.6	0.037	0.05	0.8	37	0.3	61
1098456	0.38	500	0.8	0.006	27.2	0.093	10.3	0.025	0.9	3.3	0.25	18	0.1	5.3	0.044	0.05	0.7	41	0.4	72
1098457	0.35	350	0.6	0.005	22.8	0.077	7.9	0.025	0.6	2.2	0.6	14	0.1	3.8	0.034	0.05	0.6	28	0.2	58
1098459	0.35	387	0.5	0.003	20.7	0.058	54.8	0.025	1.2	1.3	0.5	11	0.1	3.4	0.013	0.05	2.2	22	0.3	137
1098460	0.32	502	0.8	0.004	20.2	0.06	12.9	0.025	0.8	1.6	0.25	11	0.1	3.7	0.027	0.05	0.7	30	0.3	65
1098461	0.49	635	1	0.005	32.7	0.067	11.6	0.025	0.7	1.8	0.25	13	0.1	6.4	0.033	0.05	0.9	36	0.2	86
1098462	0.23	154	0.9	0.004	9.5	0.038	10.1	0.025	0.4	0.4	0.25	7	0.1	0.3	0.014	0.05	0.6	32	0.2	33
1098463	0.29	157	0.8	0.004	12.9	0.049	10.5	0.025	0.5	0.7	0.25	10	0.1	0.9	0.022	0.05	0.7	36	0.2	44

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1098464	405021	7078888	8N	0.05	1.03	16.9	8.5	0.5	63	0.2	0.1	0.1	4.1	20	10.5	1.83	4	0.05	0.03	12
1098465	405070	7078901	8N	0.05	0.97	35.4	8.4	0.5	71	0.2	0.11	0.2	4.7	19	13.7	1.68	4	0.03	0.03	14
1098466	405119	7078912	8N	0.1	1.09	120.4	41	0.5	113	0.2	0.16	0.3	7.1	22	20.1	2.17	3	0.03	0.04	16
1098467	405167	7078927	8N	0.2	0.98	26.3	17.1	1	87	0.1	0.18	0.2	6.7	22	18.7	2.16	3	0.03	0.04	17
1098468	405216	7078936	8N	0.05	1.03	32.1	11	0.5	96	0.2	0.16	0.2	8.4	22	18.7	2.31	4	0.06	0.04	17
1098469	405266	7078942	8N	0.05	1.08	20.4	21.4	1	97	0.2	0.13	0.2	6.6	22	16.5	2.09	4	0.05	0.04	15
1098470	405315	7078948	8N	0.05	1.04	17.9	12.3	0.5	119	0.2	0.16	0.3	6.9	20	22.7	2.03	3	0.04	0.04	19
1098471	405366	7078948	8N	0.05	1.1	18.2	11.9	0.5	210	0.2	0.19	0.2	8.5	24	25.4	2.25	3	0.04	0.04	20
1098472	405415	7078943	8N	0.05	1.19	24.3	5.3	0.5	116	0.2	0.17	0.3	7.9	24	25.8	2.35	4	0.04	0.04	19
1098473	405465	7078945	8N	0.1	1	12.5	2.4	0.5	126	0.3	0.1	0.3	10.9	18	23.9	2.38	4	0.02	0.06	32
1098474	405513	7078959	8N	0.2	1.14	12.6	3.4	1	94	0.2	0.1	0.3	7	18	10.3	2.04	4	0.02	0.05	16
1098475	405560	7078972	8N	0.2	1.05	14.6	7.1	1	165	0.2	0.16	0.3	10	20	26.6	2.43	3	0.03	0.06	25
1098476	405608	7078986	8N	0.05	0.97	11.5	9.6	0.5	114	0.2	0.16	0.2	6.4	19	17.2	2.09	4	0.02	0.05	18
1098477	405656	7079000	8N	0.3	1.14	13.9	4.8	0.5	125	0.3	0.26	0.3	12.3	21	30.2	2.88	4	0.03	0.08	30
1098478	405704	7079016	8N	0.2	0.85	6.8	3	0.5	37	0.5	0.12	0.1	20.4	15	53.4	4.78	3	0.005	0.04	65
1098479	405751	7079031	8N	0.2	0.9	17.1	12.3	0.5	118	0.2	0.21	0.4	6.3	20	16	1.97	3	0.02	0.04	17
1098480	409694	7083040	8N	0.1	1.13	15	7.7	0.5	158	0.2	0.17	0.2	7.3	21	24.8	2.16	4	0.05	0.05	19
1098481	409644	7083039	8N	0.1	1.27	21.2	1.4	0.5	93	0.5	0.05	0.1	10.4	16	43	3.67	4	0.02	0.05	62
1098482	409595	7083037	8N	1.8	0.54	56.5	10.6	0.5	12	1	0.02	0.6	34.2	5	93.7	5.94	2	0.02	0.05	50
1098483	409543	7083035	8N	0.2	1.26	12.4	3.1	0.5	137	0.3	0.1	0.2	11.8	35	26.8	3.12	4	0.05	0.05	30
1098484	409493	7083035	8N	0.05	1.08	10.3	1.8	0.5	63	0.2	0.09	0.2	5.4	18	11.2	2.2	5	0.03	0.04	12
1098485	409443	7083031	8N	0.1	1.02	18.3	3.6	0.5	131	0.4	0.1	0.2	9.6	18	36.7	3.04	3	0.05	0.05	34
1098486	408518	7078587	8N	0.4	1.33	24.9	7.3	0.5	57	0.5	0.03	0.05	9.2	16	39.4	3.82	4	0.02	0.05	60
1098487	408555	7078553	8N	0.2	1.06	14.4	0.8	0.5	231	0.3	0.14	0.3	7.8	17	18.9	2.6	4	0.03	0.06	29
1098488	408585	7078513	8N	0.4	0.94	15.4	1.2	0.5	158	0.2	0.12	0.1	6.6	15	15.9	2.26	4	0.02	0.06	36
1098489	408619	7078477	8N	0.1	1.41	45.6	2.3	0.5	114	0.4	0.07	0.05	12.8	20	30.7	3.36	4	0.01	0.04	44
1098490	408651	7078438	8N	0.1	1.22	26.9	3.3	0.5	97	0.2	0.07	0.05	9.1	21	23.1	2.69	4	0.02	0.04	33
1098491	408683	7078400	8N	0.3	1.27	17.5	2	0.5	82	0.3	0.05	0.1	7.4	19	26.5	3.08	4	0.02	0.05	37
1098492	408711	7078359	8N	0.2	1.17	19.1	2.4	0.5	100	0.3	0.26	0.2	17.7	19	33.6	3.49	3	0.03	0.04	36
1098493	408732	7078314	8N	0.05	1.03	18.2	1	0.5	46	0.3	0.17	0.4	15.2	18	23.7	3.34	3	0.02	0.03	33
1098494	408749	7078268	8N	0.05	0.87	40.8	1.1	0.5	32	0.3	0.04	0.2	13.9	15	33.7	3.82	3	0.005	0.04	58
1098495	408765	7078220	8N	0.3	1.09	106.9	9.6	0.5	38	0.4	0.03	0.05	11.6	18	40.4	4	4	0.02	0.03	51
1098496	408777	7078170	8N	0.1	0.7	18.1	1.2	0.5	54	0.3	0.09	0.1	14.1	12	26.4	3.13	2	0.02	0.04	48
1098497	408799	7078126	8N	0.2	1.1	32.9	1.4	0.5	126	0.6	0.1	0.3	23.3	23	50.3	3.76	4	0.04	0.05	43
1098498	408817	7078079	8N	0.2	1.21	18.5	5.2	0.5	75	0.3	0.05	0.1	8.1	18	23.4	2.98	4	0.01	0.05	26
1098499	408839	7078034	8N	0.2	0.99	23.7	3.1	0.5	58	0.3	0.06	0.1	8.2	15	22.1	3.05	4	0.02	0.05	35
1098500	408856	7077987	8N	0.2	0.92	32.4	2.2	0.5	124	0.3	0.07	0.3	10.4	15	22.4	2.8	4	0.03	0.05	29
1099001	407458	7079202	8N	0.1	0.96	14.3	4.6	1	182	0.2	0.15	0.2	6.6	19	18.3	2.2	3	0.03	0.03	16
1099002	407508	7079209	8N	0.05	1.17	41.3	3	1	81	0.4	0.08	0.2	12.5	17	22.4	3.12	4	0.01	0.04	29
1099003	407559	7079209	8N	0.05	1.06	23.2	3.6	1	86	0.2	0.13	0.1	7.9	19	19	2.1	3	0.03	0.04	18
1099004	407609	7079203	8N	0.2	1.09	27.3	13.3	1	172	0.2	0.16	0.2	8.2	20	28.2	2.45	3	0.03	0.04	20
1099005	407661	7079196	8N	0.05	0.93	15.1	7.3	0.5	145	0.2	0.12	0.1	8.9	18	16.3	2.21	3	0.04	0.04	18
1099006	407712	7079191	8N	0.05	0.89	14.5	2.1	2	82	0.2	0.09	0.2	9	17	16.3	2.34	3	0.02	0.03	20
1099007	407761	7079180	8N	0.05	0.91	11.6	8.9	1	53	0.2	0.08	0.1	6.4	16	12.7	2.03	4	0.03	0.03	14
1099008	407804	7079157	8N	0.05	1.13	23.1	7.8	1	193	0.2	0.11	0.2	9.7	22	26.4	2.5	3	0.04	0.04	20
1099009	407836	7079116	8N	0.2	0.49	35.7	1.8	2	36	0.4	0.04	0.05	9.8	12	28.6	2.78	3	0.03	0.03	24

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1098464	0.29	134	0.9	0.004	11.2	0.047	10.9	0.025	0.5	0.5	0.25	8	0.1	0.6	0.017	0.05	0.6	35	0.2	38
1098465	0.28	174	0.8	0.004	13	0.051	13.7	0.025	0.7	0.5	0.25	9	0.1	0.5	0.017	0.05	0.7	32	0.2	49
1098466	0.34	304	0.8	0.005	18.5	0.063	10.1	0.025	1.9	0.9	0.25	12	0.1	1.8	0.027	0.05	0.8	37	0.4	57
1098467	0.34	244	0.8	0.004	18.5	0.065	9.6	0.025	0.9	0.8	0.25	12	0.1	3.2	0.031	0.05	0.7	37	0.6	57
1098468	0.37	358	1	0.005	19.2	0.056	10.7	0.025	0.9	0.9	0.25	11	0.1	2.6	0.03	0.05	0.7	39	0.5	64
1098469	0.33	265	0.9	0.005	16.1	0.052	12.1	0.025	0.6	0.7	0.25	10	0.1	1.1	0.022	0.05	0.8	37	0.3	55
1098470	0.34	280	0.7	0.004	17	0.064	9.4	0.025	0.6	1.6	0.25	13	0.1	2	0.029	0.05	0.8	35	0.3	56
1098471	0.39	298	0.8	0.007	22.6	0.061	8.9	0.025	0.8	1.4	0.25	15	0.1	3.4	0.035	0.05	0.9	38	0.4	61
1098472	0.4	304	0.8	0.005	21.2	0.067	10.3	0.025	0.8	2.1	0.25	14	0.1	3.1	0.038	0.05	0.9	39	0.3	63
1098473	0.3	580	1.1	0.004	19.6	0.052	17.4	0.025	0.5	1.2	0.25	13	0.1	1.3	0.013	0.1	1	28	0.2	62
1098474	0.33	421	0.8	0.005	14.2	0.039	20	0.025	0.3	0.5	0.25	9	0.1	0.5	0.013	0.1	0.6	31	0.1	63
1098475	0.38	544	0.8	0.005	26.2	0.055	14.9	0.025	0.6	1.4	0.25	13	0.1	5.6	0.029	0.05	0.9	31	0.2	68
1098476	0.31	324	0.9	0.005	16.6	0.049	13.4	0.025	0.5	0.8	0.25	12	0.1	1.6	0.02	0.05	0.7	35	0.2	54
1098477	0.42	618	0.8	0.004	26.5	0.055	23.6	0.025	0.5	1.1	0.25	20	0.1	3.8	0.021	0.1	1	33	0.2	84
1098478	0.38	1221	2	0.002	41.4	0.055	16.2	0.025	0.4	1	0.25	17	0.1	20.9	0.005	0.05	2.5	11	0.05	102
1098479	0.34	270	0.7	0.005	18.6	0.053	17	0.025	0.6	0.8	0.25	14	0.1	1.4	0.02	0.1	0.6	32	0.3	62
1098480	0.4	174	0.8	0.006	20.4	0.065	30.3	0.025	7.6	2.6	0.25	18	0.1	5.1	0.037	0.1	1.1	34	0.1	72
1098481	0.57	348	1.5	0.003	23.2	0.055	27.6	0.025	5.9	1.8	0.25	10	0.1	21.5	0.006	0.05	3.4	15	0.05	87
1098482	0.41	4353	4.7	0.002	61.6	0.09	145.3	0.3	42.6	2.2	1.5	7	0.1	26.3	0.001	0.05	1.1	3	0.05	213
1098483	0.5	300	0.8	0.004	35.3	0.075	19	0.025	4	2.3	0.25	13	0.1	2.1	0.01	0.1	1.5	33	0.1	70
1098484	0.26	225	1	0.004	12.5	0.033	12.8	0.025	1.3	1.5	0.25	9	0.1	3.2	0.032	0.1	0.6	42	0.2	42
1098485	0.29	565	3.2	0.004	37.6	0.053	15.5	0.025	7.9	2.5	0.25	13	0.1	5.4	0.012	0.1	1.2	25	0.1	71
1098486	0.66	161	1.3	0.004	23.9	0.045	22.9	0.025	1.4	1	0.25	20	0.1	19.8	0.002	0.05	1.7	12	0.05	67
1098487	0.38	255	1	0.006	18	0.045	14.1	0.025	0.6	1.1	0.25	17	0.1	4.1	0.013	0.05	0.8	30	0.1	53
1098488	0.25	168	1.1	0.005	17.5	0.039	13.3	0.025	0.6	1.1	0.25	13	0.1	4.7	0.011	0.05	0.8	29	0.05	46
1098489	0.57	219	0.9	0.004	32.4	0.035	17.7	0.025	0.8	1.4	0.25	13	0.1	14.3	0.012	0.05	1.4	25	0.05	61
1098490	0.41	199	1	0.005	23	0.022	14.3	0.025	0.8	1.6	0.25	10	0.1	10.9	0.017	0.05	1.1	29	0.1	53
1098491	0.46	169	1.3	0.004	18	0.032	16.2	0.025	0.7	1.1	0.25	10	0.1	11.1	0.011	0.05	0.9	29	0.05	51
1098492	0.45	511	0.9	0.005	34.5	0.051	21.7	0.025	1.5	1.3	0.25	21	0.1	7.4	0.007	0.05	2.6	20	0.05	78
1098493	0.44	423	0.9	0.004	27.3	0.049	22.1	0.025	1.5	1.2	0.25	13	0.1	9.4	0.006	0.05	2.2	16	0.05	85
1098494	0.37	343	1.1	0.004	34.4	0.034	22.2	0.025	1.3	0.8	0.25	7	0.1	12.2	0.002	0.05	1.4	12	0.05	74
1098495	0.46	194	1.2	0.003	26.9	0.038	26.6	0.025	1.4	1	0.25	9	0.1	16.2	0.002	0.05	1.6	14	0.05	70
1098496	0.23	298	1	0.004	34.3	0.031	18	0.025	1	1	0.25	9	0.1	14.6	0.003	0.05	1.5	14	0.05	64
1098497	0.45	910	1.3	0.008	30.8	0.067	51.4	0.025	1.2	1.1	0.25	17	0.1	15.3	0.005	0.05	1.6	17	0.05	92
1098498	0.34	193	1	0.004	20.1	0.026	19.3	0.025	1.2	1.5	0.25	10	0.1	10.3	0.014	0.05	0.9	28	0.2	55
1098499	0.3	204	1.1	0.004	20.7	0.034	24.2	0.025	2.2	1.1	0.25	10	0.1	10.1	0.009	0.05	1.1	22	0.1	58
1098500	0.32	410	1	0.006	20.7	0.045	16.2	0.025	1.8	1.2	0.25	12	0.1	7.5	0.013	0.05	1	26	0.2	64
1099001	0.3	216	0.8	0.005	18.3	0.06	10.1	0.025	0.7	1.3	0.25	13	0.1	1.6	0.02	0.05	0.9	33	0.4	52
1099002	0.49	289	0.8	0.003	30.3	0.054	9.2	0.025	0.8	1.3	0.25	8	0.1	9.1	0.012	0.05	1.5	22	0.2	58
1099003	0.41	216	0.6	0.004	21.1	0.056	7.3	0.025	0.5	1.4	0.25	10	0.1	4.4	0.026	0.05	0.9	29	0.2	52
1099004	0.38	229	0.8	0.005	24.1	0.066	12.5	0.025	0.6	1.8	0.5	13	0.1	3.1	0.021	0.05	1.4	28	0.3	60
1099005	0.29	348	0.8	0.004	17.9	0.063	12.2	0.025	0.7	1.2	0.25	11	0.1	1.3	0.016	0.05	0.9	31	0.3	53
1099006	0.3	317	0.7	0.003	18.2	0.052	9.2	0.025	0.5	0.9	0.25	8	0.1	1.8	0.015	0.05	0.9	29	0.2	53
1099007	0.22	238	0.7	0.003	12.4	0.047	13.6	0.025	0.5	1.1	0.25	7	0.1	3	0.019	0.05	0.7	35	0.3	42
1099008	0.39	333	0.8	0.005	23.2	0.053	11.9	0.025	0.7	2.7	0.25	12	0.1	5.3	0.029	0.05	1.2	34	0.2	68
1099009	0.07	236	1.3	0.004	24.1	0.05	19.7	0.025	1.2	0.4	0.7	5	0.1	0.7	0.008	0.05	0.9	26	0.05	60

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1099010	407881	7079092	8N	0.05	0.79	12.3	15.5	0.5	144	0.1	0.13	0.2	7.2	16	19.9	1.89	2	0.03	0.03	13
1099011	407906	7079049	8N	0.05	0.63	16.9	2.4	2	52	0.2	0.04	0.1	14	13	12.9	2.4	3	0.03	0.03	19
1099012	407931	7079007	8N	0.05	1.06	18.2	3.3	0.5	70	0.2	0.04	0.1	8.7	17	15.5	2.47	3	0.03	0.03	18
1099013	407952	7078963	8N	0.05	0.67	12.4	1.5	1	40	0.2	0.04	0.05	4.1	12	10.1	1.87	4	0.02	0.03	23
1099014	407974	7078917	8N	0.05	1.11	14.3	2.8	1	77	0.2	0.06	0.1	3.8	19	12.2	2.18	4	0.03	0.03	18
1099015	407978	7078866	8N	0.05	0.96	12.9	3.5	0.5	97	0.2	0.1	0.1	6.3	19	17.5	2.1	3	0.03	0.04	19
1099016	408009	7078826	8N	0.05	1.06	22.9	4.4	0.5	65	0.2	0.07	0.1	8.7	19	15.7	2.43	3	0.03	0.03	19
1099017	408036	7078787	8N	0.05	0.95	11.3	2.2	0.5	84	0.2	0.08	0.1	5.3	16	11.4	1.92	3	0.02	0.03	16
1099018	408053	7078740	8N	0.05	0.98	11.9	2.3	0.5	73	0.2	0.07	0.1	3.6	18	12.6	1.78	3	0.03	0.03	16
1099019	408084	7078700	8N	0.05	0.8	11.1	0.9	0.5	53	0.2	0.05	0.1	2.7	15	8	1.67	4	0.03	0.03	17
1099020	408120	7078664	8N	0.05	0.81	38.9	4.2	0.5	50	0.3	0.04	0.2	8.4	15	25.6	2.85	3	0.02	0.03	28
1099021	408144	7078622	8N	0.3	0.91	14.2	2.2	1	41	0.2	0.05	0.1	4.6	19	8.9	2.7	4	0.03	0.02	14
1099022	408174	7078582	8N	0.1	0.82	11.5	3	0.5	62	0.2	0.07	0.3	4.7	19	14.9	1.9	3	0.03	0.03	16
1099023	408192	7078532	8N	0.2	1.18	19.5	3.7	2	55	0.3	0.11	0.5	12	22	15	2.9	4	0.02	0.05	23
1099024	408215	7078485	8N	0.2	0.73	12.9	2.1	1	75	0.2	0.07	0.4	2.9	13	7.7	1.42	3	0.05	0.03	13
1099025	408259	7078447	8N	0.2	1.06	25.5	25.8	1	72	0.2	0.08	0.2	7.1	17	9.2	2.52	4	0.04	0.03	14
1099026	408290	7078404	8N	0.4	0.98	22.3	2.7	0.5	57	0.3	0.06	0.3	6.2	19	13.1	2.56	4	0.05	0.03	13
1099027	408323	7078367	8N	0.2	0.7	134.7	4	2	38	0.3	0.04	0.1	6.6	10	33.2	2.73	3	0.03	0.04	26
1099028	408352	7078329	8N	0.3	0.84	28.1	2.7	1	99	0.2	0.07	0.6	4.2	15	14.4	1.67	3	0.05	0.03	14
1099029	408398	7078298	8N	0.2	1.29	20.8	7.8	2	135	0.2	0.1	0.7	10.1	20	18.8	2.91	4	0.04	0.04	17
1099030	408442	7078278	8N	0.05	1.29	23.6	3.9	1	103	0.2	0.07	0.2	8.3	20	13	2.59	4	0.03	0.04	15
1099031	408475	7078234	8N	0.1	1.27	18	1.7	1	80	0.2	0.06	0.2	7	22	14.8	3.05	4	0.04	0.04	13
1099032	408520	7078221	8N	0.2	1.08	22.7	4.2	1	58	0.2	0.06	0.1	8.5	17	18	2.97	4	0.02	0.03	20
1099037	409732	7079441	8N	0.05	0.97	32.5	2.3	0.5	87	0.2	0.08	0.05	5.5	17	16.5	1.96	3	0.03	0.04	24
1099038	409682	7079441	8N	0.05	1.18	29.6	1.8	0.5	112	0.2	0.12	0.1	8.9	20	20.1	2.01	4	0.01	0.04	23
1099039	409631	7079435	8N	0.05	0.99	26.8	2.2	0.5	95	0.1	0.13	0.05	5.7	20	16.1	1.85	3	0.02	0.04	18
1099040	409581	7079427	8N	0.2	1.15	75.6	4.6	1	206	0.2	0.14	0.05	12.8	21	30.6	2.18	3	0.07	0.05	20
1099041	409530	7079416	8N	0.05	1.13	35.6	2.9	1	89	0.2	0.14	0.2	8.3	20	18.3	1.97	3	0.02	0.04	16
1099042	409480	7079408	8N	0.05	1.36	37.7	2.8	1	100	0.2	0.08	0.2	10.5	23	15.8	2.46	4	0.03	0.06	22
1099043	409434	7079387	8N	0.05	1.15	12.6	0.8	0.5	91	0.1	0.12	0.05	8	19	13.5	2.07	3	0.03	0.04	14
1099044	409392	7079355	8N	0.05	1.21	24.2	0.25	0.5	73	0.2	0.07	0.05	5.7	19	11.5	2.68	5	0.01	0.03	19
1099045	409339	7079361	8N	0.05	1.13	14	1.5	0.5	138	0.2	0.14	0.2	7.7	20	19.5	2.3	4	0.02	0.03	16
1099046	409290	7079355	8N	0.1	1.19	12.9	1.1	2	166	0.2	0.14	0.05	8.3	23	28.4	2.24	3	0.03	0.03	19
1099047	409242	7079340	8N	0.05	1.4	17.6	2.3	0.5	164	0.2	0.13	0.2	10.9	26	23.3	3.03	4	0.04	0.04	19
1099048	409195	7079322	8N	0.05	1.14	18.9	0.25	0.5	96	0.2	0.07	0.05	9.8	18	20.2	3.06	4	0.01	0.04	33
1099049	409147	7079303	8N	0.05	1.25	15.9	3.3	0.5	169	0.2	0.13	0.05	10.2	24	26.2	2.51	4	0.02	0.06	24
1099050	409117	7079264	8N	0.05	1.17	15.6	2.8	1	134	0.2	0.09	0.05	8.7	19	26.1	3.09	3	0.02	0.04	27
1099051	412131	7081594	8N	0.1	0.87	9.4	2.2	0.5	59	0.4	0.11	0.1	21.5	16	52.8	4.34	2	0.02	0.05	59
1099052	412099	7081552	8N	0.05	0.96	5.6	1.9	0.5	36	0.5	0.01	0.05	17.5	13	58.4	5	2	0.03	0.05	70
1099053	412079	7081506	8N	0.05	1.13	6.9	2	0.5	76	0.4	0.03	0.1	19.1	16	49	4.32	3	0.02	0.05	57
1099054	412057	7081460	8N	0.05	0.8	9.3	2.3	0.5	56	0.4	0.04	0.05	13.3	13	36.1	3.23	2	0.02	0.04	44
1099055	412032	7081415	8N	0.05	1.21	7.4	1.4	0.5	63	0.5	0.02	0.05	17.2	17	59	4.53	3	0.02	0.04	55
1099056	411992	7081381	8N	0.05	1.38	13.5	1.9	0.5	54	0.5	0.05	0.05	28.1	21	64.5	5.54	4	0.03	0.05	57
1099057	411970	7081335	8N	0.05	1.06	9.5	2.6	0.5	40	0.5	0.01	0.05	21.5	14	57	4.87	3	0.02	0.04	53
1099058	411949	7081289	8N	0.05	1.02	13.5	1.2	0.5	53	0.5	0.03	0.05	16.5	13	47.3	4.66	3	0.02	0.05	61
1099059	411914	7081251	8N	0.05	1.32	13.2	2	0.5	55	0.5	0.05	0.1	28.6	19	51.5	4.83	3	0.02	0.04	53

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1099010	0.28	216	0.6	0.004	20.2	0.05	8.9	0.025	0.6	1.5	0.25	10	0.1	4.4	0.025	0.05	0.6	31	0.3	47
1099011	0.16	2966	1	0.003	18.8	0.042	11.9	0.025	0.6	0.7	0.25	6	0.1	2.5	0.019	0.1	0.9	27	0.2	46
1099012	0.24	377	1	0.003	19.1	0.04	13	0.025	0.7	1.1	0.25	5	0.1	4.6	0.015	0.05	0.7	33	0.2	60
1099013	0.1	207	1	0.004	9.6	0.033	10.8	0.025	0.5	0.8	0.25	5	0.1	2.4	0.021	0.05	0.5	33	0.1	33
1099014	0.26	123	0.8	0.004	10.6	0.05	13.2	0.025	0.6	1.2	0.25	8	0.1	1.8	0.023	0.05	0.8	36	0.2	38
1099015	0.28	233	0.7	0.004	14.1	0.046	11.6	0.025	0.7	1.5	0.25	9	0.1	2.3	0.023	0.05	0.9	31	0.2	53
1099016	0.25	379	0.8	0.004	15.4	0.049	14.1	0.025	1	1.1	0.6	7	0.1	1.7	0.02	0.1	0.9	33	0.2	61
1099017	0.23	196	0.8	0.003	10.9	0.043	11.6	0.025	0.6	0.9	0.25	8	0.1	0.9	0.015	0.05	0.8	28	0.2	43
1099018	0.23	97	0.8	0.003	9.7	0.045	11.5	0.025	0.5	0.9	0.25	8	0.1	0.7	0.014	0.05	0.9	28	0.2	35
1099019	0.18	80	0.7	0.004	7.6	0.03	12.4	0.025	0.7	0.7	0.25	7	0.1	0.5	0.014	0.1	0.7	29	0.1	28
1099020	0.19	213	1	0.003	18.9	0.041	16.9	0.025	1.8	1	0.25	6	0.1	3.7	0.012	0.05	1.3	25	0.1	64
1099021	0.23	207	1.1	0.004	10	0.034	19	0.08	1	0.9	0.9	6	0.1	2.2	0.027	0.05	0.4	44	0.2	43
1099022	0.22	191	0.7	0.003	10.1	0.055	16	0.025	0.8	0.5	0.25	7	0.1	0.5	0.008	0.05	0.9	28	0.2	44
1099023	0.67	611	1.1	0.004	23	0.063	26.2	0.025	2	1.6	0.25	9	0.1	5.1	0.021	0.1	0.7	29	0.1	109
1099024	0.19	91	0.7	0.004	8.3	0.047	14.1	0.025	0.8	0.3	0.25	7	0.1	0.2	0.008	0.05	0.5	24	0.2	35
1099025	0.23	262	1	0.004	12.9	0.048	14.5	0.025	1.4	1	1	7	0.1	3.1	0.018	0.05	0.5	37	0.2	49
1099026	0.24	256	1.2	0.004	12.3	0.044	15	0.025	1.1	0.7	1	7	0.1	1.4	0.016	0.05	0.5	37	0.2	52
1099027	0.23	191	1.1	0.004	23	0.055	16.1	0.025	7.9	0.5	0.7	5	0.1	3	0.005	0.05	1.1	16	0.05	43
1099028	0.19	175	1	0.004	11.3	0.054	59.3	0.025	2.8	0.3	0.8	7	0.1	0.2	0.007	0.05	0.7	28	0.05	41
1099029	0.3	405	1	0.004	19.2	0.077	51.7	0.025	2.1	1.3	1	10	0.1	1	0.012	0.1	1.1	36	0.2	67
1099030	0.3	287	0.8	0.004	18.3	0.034	16.5	0.025	1.7	1.5	0.5	7	0.1	5	0.02	0.05	0.7	37	0.2	58
1099031	0.28	271	1	0.004	18	0.033	16.6	0.025	1.3	1.3	0.25	7	0.1	3.8	0.03	0.05	0.5	45	0.2	51
1099032	0.25	177	1	0.004	21.3	0.032	20.3	0.025	3.4	1.3	0.25	6	0.1	7.1	0.02	0.05	0.7	34	0.2	50
1099037	0.26	179	0.5	0.003	15	0.041	10.8	0.025	0.6	1.3	0.25	8	0.1	2.9	0.019	0.1	0.8	29	0.1	44
1099038	0.33	325	0.7	0.003	21.3	0.044	15.1	0.025	0.6	1.4	0.5	9	0.1	4.1	0.026	0.05	0.8	31	0.1	53
1099039	0.29	178	0.5	0.003	15.7	0.045	9.7	0.025	0.5	1.5	0.25	10	0.1	3.2	0.025	0.05	0.7	33	0.2	41
1099040	0.34	452	0.7	0.005	19.2	0.043	10.3	0.025	0.7	3.6	0.6	12	0.1	5.2	0.034	0.05	1.3	36	0.2	44
1099041	0.3	245	0.7	0.004	20.2	0.059	12.4	0.025	0.6	1.5	0.25	11	0.1	3.8	0.032	0.05	0.7	35	0.2	51
1099042	0.31	312	0.9	0.003	19.4	0.031	18.3	0.025	0.7	1.8	0.25	8	0.1	5.9	0.028	0.1	0.7	39	0.2	48
1099043	0.31	257	0.7	0.003	16.5	0.045	8.4	0.025	0.6	1.7	0.5	10	0.1	3.7	0.031	0.05	0.6	35	0.2	43
1099044	0.26	183	0.8	0.003	13.1	0.042	16.1	0.025	0.5	1.1	1	6	0.1	1.3	0.019	0.05	0.7	47	0.05	37
1099045	0.29	242	0.6	0.004	18.1	0.056	11.1	0.025	0.6	1.4	0.25	12	0.1	1.4	0.017	0.05	0.7	33	0.2	54
1099046	0.37	240	0.6	0.006	22.3	0.056	9.6	0.025	0.6	2.6	0.7	12	0.1	3.3	0.034	0.05	1.1	34	0.2	55
1099047	0.35	446	0.9	0.005	22.5	0.063	13	0.025	0.8	2	0.25	12	0.1	2.2	0.027	0.05	1	37	0.1	62
1099048	0.21	271	0.9	0.003	19.8	0.04	15.1	0.025	1	1.4	0.5	7	0.1	4.3	0.013	0.05	0.9	27	0.05	47
1099049	0.35	369	0.9	0.005	23.4	0.049	10.5	0.025	0.8	2.9	0.5	13	0.1	3.8	0.034	0.1	1	41	0.1	55
1099050	0.32	301	0.8	0.004	18.7	0.048	14.2	0.025	0.8	2.3	0.7	8	0.1	5.9	0.019	0.05	1.2	35	0.1	57
1099051	0.31	357	1.1	0.006	50.1	0.041	27.7	0.025	1.9	2.8	0.6	18	0.1	18.8	0.002	0.05	3.9	17	0.05	107
1099052	0.27	321	1.3	0.005	40.2	0.039	32.7	0.025	1.4	1.8	0.8	10	0.1	24	5E-04	0.05	2.8	10	0.05	107
1099053	0.34	417	1.3	0.006	39.4	0.04	28.3	0.025	1.2	2.1	0.5	11	0.1	18	0.004	0.05	2.7	19	0.05	93
1099054	0.2	281	1.2	0.005	29.3	0.041	24	0.025	1.6	1.3	0.25	10	0.1	9	0.005	0.05	1.8	19	0.05	71
1099055	0.5	283	1	0.006	37.3	0.04	31.6	0.025	1.1	1.9	0.25	16	0.1	23.7	0.002	0.05	3.5	13	0.05	93
1099056	0.59	594	1.1	0.007	65.2	0.064	36.5	0.025	1.6	4.3	0.25	19	0.1	24.3	0.001	0.05	4.2	31	0.05	111
1099057	0.28	371	1.8	0.007	41.9	0.049	33.8	0.025	1.1	1.7	0.25	16	0.1	21.7	0.003	0.05	2.9	15	0.05	98
1099058	0.18	404	1.6	0.006	37.1	0.059	28.4	0.025	2.3	1.6	0.25	10	0.1	19.4	0.005	0.05	2	23	0.05	105
1099059	0.39	641	1.3	0.006	46.9	0.053	32.6	0.025	1.8	1.9	0.25	13	0.1	18	0.006	0.05	2.3	19	0.05	101

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1099060	411878	7081214	8N	0.05	0.75	12.1	3.5	0.5	143	0.6	0.05	0.1	36.4	11	57.1	4.95	2	0.03	0.05	53
1099061	411836	7081181	8N	0.05	0.96	13.5	3.1	0.5	45	0.5	0.01	0.05	24.3	14	56.2	4.73	2	0.03	0.04	65
1099062	411796	7081148	8N	0.05	0.71	34	7.5	0.5	67	0.5	0.07	0.1	32.8	10	51.6	4.69	2	0.03	0.05	52
1099063	411755	7081114	8N	0.3	1.03	22.4	4	0.5	82	0.4	0.03	0.2	27.2	13	37.6	4.36	3	0.05	0.04	42
1099064	411723	7081074	8N	0.1	0.47	19.1	1.9	0.5	43	0.3	0.005	0.05	17.7	6	46.4	3.53	0.5	0.01	0.05	70
1099065	411704	7081025	8N	0.05	1.54	11.4	2.3	0.5	53	0.6	0.02	0.1	19.6	19	57.9	4.9	4	0.01	0.04	65
1099066	411669	7080989	8N	0.05	0.75	27	3.1	0.5	25	0.9	0.01	0.05	25.5	9	64.5	5.17	2	0.01	0.04	66
1099067	411623	7080968	8N	0.1	1.25	11.9	2.1	0.5	43	0.5	0.02	0.05	19.7	16	48.7	4.66	2	0.04	0.04	48
1099068	411604	7080920	8N	0.1	0.36	13.1	2.1	0.5	35	0.7	0.01	0.2	37	5	66	5.45	0.5	0.02	0.05	63
1099070	411562	7080893	8N	0.05	1.77	10.9	2.2	0.5	81	0.4	0.05	0.2	14.9	24	37.4	3.88	4	0.03	0.06	39
1099071	411527	7080857	8N	0.05	1.13	10.1	1	0.5	61	0.2	0.04	0.05	11.3	16	28.3	3.12	3	0.03	0.03	29
1099072	411487	7080824	8N	0.1	0.82	14	1.1	0.5	45	0.3	0.02	0.1	16.1	20	42.8	4.13	3	0.03	0.03	47
1099073	411441	7080801	8N	0.3	0.31	150.8	49.4	1	42	0.9	0.04	1.5	35.4	5	77.7	6.53	0.5	0.05	0.05	57
1099074	411394	7080780	8N	0.05	0.91	15.1	3.7	0.5	28	0.6	0.01	0.1	26.8	11	51.3	5.25	3	0.02	0.04	53
1099075	411350	7080755	8N	0.05	0.86	19.4	2.9	0.5	84	0.4	0.06	0.05	12.8	12	44.7	4.27	3	0.02	0.04	56
1099076	411306	7080725	8N	0.05	1.2	8.7	2.9	1	47	0.6	0.03	0.05	18.6	18	79.4	6.55	3	0.01	0.05	72
1099077	411259	7080709	8N	0.1	0.63	13.3	3	0.5	63	0.6	0.14	0.05	19.5	14	50	4.56	2	0.03	0.04	47
1099079	411215	7080689	8N	0.05	1.37	25.8	4.5	0.5	47	0.4	0.02	0.05	34.5	18	65.2	5.06	4	0.005	0.07	53
1099080	411166	7080677	8N	0.1	1.18	14.4	3.8	1	27	0.7	0.02	0.05	16	17	86.6	6.25	4	0.02	0.04	63
1099081	411119	7080657	8N	0.2	1.41	4.5	2.9	0.5	34	0.5	0.12	0.05	9.9	22	72.1	5.96	4	0.02	0.05	58
1099082	411076	7080641	8N	0.1	0.82	10.7	3	1	69	0.4	0.1	0.1	20.5	13	45.8	4.45	2	0.03	0.03	51
1099083	411034	7080632	8N	0.2	0.26	21.8	4	5	29	0.6	0.12	0.2	25.4	5	58.4	4.22	0.5	0.03	0.06	48
1099101	409072	7077352	8N	0.1	1.3	31.1	4.1	0.5	139	0.4	0.93	0.7	22.1	17	80.9	2.91	3	0.04	0.04	32
1099102	409099	7077308	8N	0.2	1.01	38.3	5.6	0.5	65	0.3	3.36	0.5	19	15	73.3	2.94	3	0.005	0.06	30
1099103	409114	7077260	8N	0.6	0.89	48.6	9.2	0.5	49	0.4	3.17	1.2	23.4	12	68.4	3.27	2	0.005	0.05	36
1099105	409122	7077210	8N	2.7	0.57	57	3.4	1	63	0.2	0.17	11.9	21.1	7	26.7	3.44	1	0.03	0.1	38
1099106	409128	7077159	8N	0.1	0.67	34.5	2.3	0.5	58	0.5	0.05	0.1	8.2	9	21.9	2.88	2	0.01	0.07	36
1099107	409154	7077063	8N	0.05	0.92	28.1	4.7	0.5	102	0.2	0.19	0.3	10.1	16	21.3	2.26	3	0.02	0.05	22
1099108	409156	7076962	8N	0.1	0.92	16.5	10.7	0.5	144	0.2	0.28	0.2	9	15	19	2.28	3	0.02	0.05	27
1099109	411359	7079037	8N	0.1	0.7	24.6	4.1	0.5	71	0.2	0.05	0.2	16.8	10	38.3	2.97	2	0.01	0.03	39
1099110	411308	7079044	8N	0.2	1.15	28.9	3.9	0.5	71	0.4	0.06	0.05	8.8	16	32.2	2.9	3	0.04	0.04	26
1099111	411257	7079047	8N	0.05	1.18	20.2	2.6	0.5	67	0.2	0.09	0.2	8.2	18	15.6	2.56	3	0.04	0.04	14
1099112	411206	7079053	8N	0.1	1.32	14.6	2.6	0.5	126	0.2	0.09	0.1	11.3	19	21.8	2.53	4	0.05	0.04	16
1099113	411157	7079065	8N	0.05	1.2	10.3	1.8	0.5	61	0.2	0.07	0.1	7.4	19	14.9	2.47	4	0.04	0.03	11
1099114	411105	7079071	8N	0.05	1.32	9.9	1	0.5	69	0.2	0.08	0.05	5.9	18	14.7	2.03	3	0.04	0.03	11
1099115	411053	7079071	8N	0.2	1.29	11.9	5.4	0.5	107	0.2	0.07	0.1	13.2	20	32	2.66	3	0.03	0.04	14
1099116	411003	7079077	8N	0.05	0.94	51.5	2.5	0.5	48	0.2	0.05	0.2	9.5	15	20.3	2.44	3	0.03	0.02	14
1099117	410951	7079085	8N	0.05	1.36	16.3	3	0.5	84	0.2	0.05	0.1	10.4	19	23.5	2.57	3	0.03	0.04	16
1099118	410904	7079105	8N	0.05	1.04	12.4	1.4	0.5	69	0.2	0.06	0.2	8	17	19.8	2.36	4	0.03	0.03	13
1099119	410858	7079128	8N	0.2	1.33	31.6	1.5	0.5	80	0.3	0.04	0.1	18.2	16	47.5	4.04	4	0.02	0.03	25
1099120	410808	7079130	8N	0.1	1.05	32.4	2.2	0.5	78	0.2	0.04	0.05	9	17	24.1	2.48	3	0.01	0.02	29
1099121	410758	7079137	8N	0.05	1.68	15.2	1.3	0.5	86	0.3	0.09	0.2	10.7	28	26.4	3.51	6	0.03	0.04	33
1099122	410707	7079149	8N	0.05	1.43	15.5	1.7	0.5	104	0.2	0.09	0.05	8.5	23	16.2	2.49	4	0.04	0.04	15
1099123	410664	7079177	8N	0.05	1.9	12	2.1	1	109	0.2	0.13	0.1	12.2	48	23.1	3.03	5	0.03	0.07	31
1099124	410617	7079199	8N	0.05	1.35	13.8	4	0.5	70	0.2	0.04	0.1	10.5	20	21.3	2.57	4	0.02	0.03	13
1099125	410568	7079211	8N	0.1	1.35	13.9	4.9	0.5	64	0.2	0.06	0.2	10.8	20	25.6	2.99	4	0.06	0.03	17

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1099060	0.21	941	1.5	0.004	62.1	0.04	33.2	0.025	3.2	2.4	0.25	20	0.1	19.4	0.005	0.05	3.5	13	0.05	111
1099061	0.31	453	1.1	0.004	54.8	0.042	30.8	0.025	3.1	2	0.25	12	0.1	19.8	0.002	0.05	3	11	0.05	106
1099062	0.24	904	1.1	0.005	59.6	0.05	33.3	0.025	11.3	3.2	0.25	16	0.1	20.6	5E-04	0.05	2.7	13	0.05	104
1099063	0.08	1148	1.9	0.005	55.4	0.059	30.4	0.025	5.6	1.8	0.25	9	0.1	10.6	0.005	0.05	2	23	0.05	111
1099064	0.06	315	1.5	0.006	42.1	0.039	26.1	0.025	15.3	1.5	0.25	25	0.1	25.5	5E-04	0.05	2.2	6	0.05	85
1099065	0.51	315	1.1	0.007	40.9	0.049	34.3	0.025	2	1.8	0.8	18	0.1	23.2	0.003	0.05	2.5	16	0.05	100
1099066	0.15	363	1.3	0.004	53.4	0.052	63.7	0.025	5.9	1.8	0.25	16	0.1	21.7	5E-04	0.05	3.3	10	0.05	114
1099067	0.26	389	1.5	0.005	40.4	0.049	33.9	0.025	2.7	1.8	0.25	11	0.1	18.1	0.003	0.05	2.2	15	0.05	102
1099068	0.03	554	0.9	0.007	73.5	0.041	37.1	0.025	5	1.9	0.6	8	0.1	26.5	5E-04	0.05	3.5	5	0.05	123
1099070	0.36	412	1.2	0.007	45.9	0.048	23.8	0.025	1.4	2.1	0.25	12	0.1	14.4	0.012	0.05	1.8	23	0.05	107
1099071	0.22	250	1.1	0.004	26.3	0.036	17.7	0.025	1.5	1.9	0.25	6	0.1	8.6	0.008	0.05	1.1	30	0.1	66
1099072	0.15	237	1	0.005	42.2	0.041	23.1	0.025	4.8	2.2	0.25	9	0.1	16.2	0.005	0.05	1.6	28	0.05	84
1099073	0.05	814	3	0.005	68	0.064	88.2	0.025	50.4	2.5	0.9	15	0.1	25.7	5E-04	0.05	3.8	6	0.05	234
1099074	0.28	486	2	0.005	52.1	0.037	25.7	0.025	4.9	1.9	0.5	7	0.1	22	0.003	0.05	3.2	13	0.05	115
1099075	0.25	290	1.3	0.005	30.3	0.032	27.2	0.025	14.4	1.5	0.25	12	0.1	17.4	0.001	0.05	2.1	13	0.05	104
1099076	0.34	358	4.6	0.006	62.8	0.051	27.1	0.025	3.1	2.6	0.25	13	0.1	28.8	0.002	0.05	4	15	0.05	140
1099077	0.22	411	1.1	0.005	46.6	0.043	25.9	0.025	3.4	2.3	0.7	18	0.1	12	0.001	0.05	2.8	13	0.05	106
1099079	0.55	330	2.4	0.006	66.7	0.052	22.7	0.025	0.7	2.1	0.25	14	0.1	30.6	0.002	0.05	4.6	14	0.05	106
1099080	0.38	293	2.3	0.005	44.8	0.05	38.2	0.025	1.4	1.8	0.5	8	0.1	29.6	0.003	0.05	3.3	14	0.05	102
1099081	0.72	253	1.8	0.009	27.7	0.039	34.1	0.025	1.3	2.1	0.25	19	0.1	26.7	0.004	0.05	5.1	15	0.05	114
1099082	0.27	498	1	0.005	46.3	0.041	23.4	0.025	2	2.2	0.7	13	0.1	13.2	0.003	0.05	3.3	15	0.05	103
1099083	0.1	372	1.1	0.004	54.1	0.035	35.2	0.06	17.8	2.6	0.25	17	0.1	22.1	5E-04	0.2	2.9	5	0.05	126
1099101	0.63	1418	2	0.005	37.8	0.064	27.5	0.07	1.4	2.1	0.25	36	0.1	8.1	0.008	0.05	2.9	20	0.1	79
1099102	1.11	727	3.3	0.002	39	0.065	21.2	0.025	1.5	1.7	0.25	45	0.1	15.2	0.009	0.05	1.1	17	0.05	75
1099103	1.01	1214	2.6	0.001	43.2	0.078	47.1	0.025	4.2	2.2	0.25	53	0.1	17.2	0.005	0.05	0.9	13	0.05	103
1099105	0.18	1559	1	0.002	40.4	0.038	139.5	0.025	7.6	1.3	0.25	17	0.1	20	5E-04	0.2	2	5	0.05	535
1099106	0.21	269	3.8	0.004	16.6	0.027	49.3	0.08	0.7	0.5	0.25	16	0.1	11.1	0.005	0.05	1.2	11	0.05	45
1099107	0.32	440	1	0.003	21.1	0.048	21.3	0.025	0.6	0.9	0.25	14	0.1	3.2	0.011	0.05	0.8	22	0.1	54
1099108	0.26	311	0.5	0.003	23.9	0.045	17.8	0.025	0.9	1.8	0.25	17	0.1	9.1	0.012	0.05	0.9	20	0.1	63
1099109	0.24	219	1	0.003	37.7	0.035	19.5	0.025	0.7	1.5	0.25	7	0.1	14.6	0.004	0.05	2.4	11	0.05	83
1099110	0.4	207	1	0.003	18.7	0.047	20.8	0.025	1.1	1.2	0.25	7	0.1	7.4	0.007	0.05	1.7	19	0.05	61
1099111	0.33	238	0.9	0.004	15.2	0.061	14.8	0.025	0.7	1.3	0.25	9	0.1	2.6	0.014	0.05	0.9	29	0.2	51
1099112	0.39	343	1	0.004	18.3	0.063	14.6	0.025	0.6	1.6	0.25	10	0.1	3.6	0.014	0.05	1.3	30	0.2	56
1099113	0.33	271	0.9	0.004	13.2	0.051	13.7	0.025	0.5	1.3	0.25	8	0.1	3.1	0.014	0.05	0.8	28	0.2	47
1099114	0.31	154	0.6	0.004	13.8	0.042	11.8	0.025	0.6	1.5	0.25	7	0.1	3.3	0.018	0.05	0.6	27	0.1	43
1099115	0.38	347	1	0.004	23.5	0.046	14.1	0.025	0.7	2	0.25	8	0.1	6.3	0.017	0.05	1.1	28	0.2	56
1099116	0.24	325	0.9	0.003	16.4	0.044	22.7	0.025	0.7	0.9	0.25	7	0.1	3.8	0.011	0.05	0.9	24	0.1	50
1099117	0.39	207	0.8	0.003	20.5	0.027	12.5	0.025	0.7	1.6	0.25	7	0.1	6.6	0.018	0.05	0.9	25	0.2	52
1099118	0.26	191	1	0.004	18.3	0.034	16	0.025	0.7	1.2	0.25	7	0.1	3.9	0.016	0.05	0.7	28	0.2	48
1099119	0.39	311	0.9	0.003	36.1	0.05	23.7	0.025	1.2	1.3	0.25	9	0.1	11.4	0.006	0.05	1.7	15	0.05	76
1099120	0.39	286	0.4	0.002	24.2	0.032	14.6	0.025	1.3	1.5	0.25	5	0.1	8.9	0.005	0.05	1.1	15	0.05	57
1099121	0.57	409	0.7	0.004	26.1	0.034	24.9	0.025	0.6	1.6	0.25	9	0.1	9.4	0.021	0.05	0.8	35	0.1	72
1099122	0.36	243	0.8	0.006	18.5	0.029	12.8	0.025	0.8	2	0.25	10	0.1	4.1	0.024	0.05	0.6	39	0.2	46
1099123	0.63	393	0.9	0.006	24.4	0.041	15	0.025	0.6	2.6	0.6	12	0.1	9.9	0.053	0.1	1.1	44	0.2	63
1099124	0.33	388	0.8	0.003	23.4	0.027	17.6	0.025	0.5	1.3	0.25	4	0.1	4.5	0.014	0.05	0.5	29	0.1	54
1099125	0.34	381	1	0.003	25.2	0.044	23.7	0.025	0.6	1.2	0.25	6	0.1	5.2	0.015	0.05	0.9	30	0.1	56

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1099126	410517	7079211	8N	0.05	1.49	15.8	2.1	2	83	0.2	0.08	0.1	9.6	25	19.8	2.86	5	0.03	0.05	19
1099127	410465	7079207	8N	0.2	1.65	35	7.3	0.5	64	0.9	0.04	0.2	10.6	22	55.5	4.28	4	0.05	0.04	19
1099128	410416	7079219	8N	0.05	0.57	11.9	1.8	0.5	38	0.2	0.04	0.05	3.1	10	12.3	2.04	5	0.05	0.02	10
1099129	410370	7079241	8N	0.1	0.91	19.4	1.7	0.5	57	0.3	0.07	0.2	10.4	18	26.7	2.45	4	0.03	0.03	14
1099130	410304	7079317	8N	0.05	1.4	16	1.7	0.5	65	0.2	0.05	0.1	10.2	23	25.5	2.9	4	0.03	0.03	20
1099131	410256	7079334	8N	0.05	1.6	15.5	1.7	0.5	82	0.2	0.03	0.05	12.1	25	30.5	2.9	5	0.03	0.02	21
1099132	410207	7079350	8N	0.6	1.13	168.5	1.7	0.5	51	0.3	0.04	0.4	6.5	17	18.9	2.79	5	0.04	0.04	15
1099133	410156	7079359	8N	0.05	1.66	14.5	2.6	0.5	98	0.3	0.07	0.2	10.7	25	21.7	2.91	5	0.04	0.05	22
1099134	410104	7079358	8N	0.2	1.2	23.5	2.9	0.5	62	0.2	0.05	0.2	8.9	18	19.5	2.42	4	0.05	0.03	12
1099135	410053	7079356	8N	0.1	1.46	15.5	6.1	0.5	106	0.2	0.06	0.2	10.8	20	18.5	2.39	3	0.04	0.03	10
1099136	410003	7079366	8N	0.05	0.77	11.1	3.4	0.5	65	0.2	0.05	0.1	3.6	12	7.8	1.88	5	0.04	0.02	10
1099137	409954	7079376	8N	0.05	0.84	13.5	2.5	0.5	52	0.2	0.06	0.05	6.2	15	13.3	2.13	3	0.02	0.02	11
1099138	409903	7079380	8N	0.4	1.52	40.5	2.1	0.5	63	0.2	0.04	0.4	13.5	19	27.1	3.03	4	0.03	0.04	22
1099139	409853	7079374	8N	0.2	1.73	13.9	3	0.5	103	0.2	0.08	0.2	9.8	25	14.3	2.46	4	0.06	0.03	11
1099140	409804	7079385	8N	0.05	1.13	58.4	1	0.5	66	0.1	0.06	0.2	5.9	18	9.9	2.43	3	0.03	0.02	9
1099142	417194	7080187	8N	1.4	1	58.8	9.7	0.5	149	0.3	0.13	1.8	28.5	17	38.7	3.36	3	0.06	0.04	30
1099143	417180	7080139	8N	0.05	1.22	16.7	7	0.5	73	0.2	0.12	0.3	13	23	27.2	2.7	4	0.06	0.04	25
1099144	417164	7080092	8N	0.4	1.2	22.3	6.1	0.5	84	0.6	0.18	0.6	24.1	19	61.2	3.91	4	0.06	0.03	38
1099145	417150	7080044	8N	3.7	0.44	157.7	2.4	0.5	102	0.3	0.04	8.4	41.5	8	39.3	3.91	1	0.03	0.03	25
1099146	417123	7080000	8N	0.4	0.5	40.9	3	0.5	41	0.2	0.05	0.5	16.8	9	25.7	2.35	2	0.04	0.04	25
1099151	411742	7079046	8N	0.4	0.85	291.5	38.5	0.5	116	1.1	0.06	1	19.6	9	39	3.12	2	0.02	0.05	43
1099152	411699	7079074	8N	0.05	1.08	12.7	1.9	0.5	36	0.5	0.03	0.05	3.7	20	24.5	2.89	6	0.04	0.04	38
1099153	411654	7079105	8N	0.1	1.73	22.8	5.1	0.5	112	0.5	0.07	0.1	13.2	24	47.4	4.23	5	0.02	0.04	45
1099154	411614	7079139	8N	0.1	1.29	20.8	4.1	0.5	63	0.3	0.06	0.1	8.1	17	22.7	2.52	4	0.03	0.04	31
1099155	411590	7079185	8N	0.05	1.39	16.4	3.9	1	65	0.3	0.08	0.1	11.3	20	22.8	2.64	4	0.03	0.04	25
1099156	411571	7079235	8N	0.05	1.26	16.9	2.1	0.5	67	0.3	0.08	0.2	11	21	21.5	2.79	5	0.04	0.05	34
1099157	411554	7079282	8N	0.1	1.13	18.2	2.9	0.5	69	0.3	0.1	0.1	9.1	18	30.1	2.78	3	0.02	0.04	36
1099158	411535	7079331	8N	0.2	1.29	22.7	4.5	0.5	116	0.4	0.1	0.2	10.7	23	30.9	3.29	4	0.03	0.04	28
1099159	411511	7079375	8N	0.2	1.24	16.9	3.6	1	85	0.3	0.13	0.3	8.3	24	29.2	2.92	4	0.04	0.05	28
1099160	411488	7079421	8N	0.2	1.35	18.3	8	0.5	112	0.3	0.09	0.2	8.1	26	29.3	3.18	4	0.02	0.04	23
1099161	411463	7079465	8N	0.1	1.33	13.3	3.8	0.5	124	0.3	0.08	0.2	12.8	24	27.2	3.27	5	0.04	0.04	30
1099162	411439	7079511	8N	0.05	1.35	15	12.1	2	91	0.3	0.1	0.2	9.3	24	24	3.01	4	0.03	0.05	22
1099163	411414	7079556	8N	0.05	1.24	11.7	5.8	0.5	77	0.2	0.09	0.2	12.4	21	28.7	3	4	0.02	0.04	30
1099164	411389	7079602	8N	0.1	0.95	21.4	3.7	1	74	0.3	0.07	0.2	12.1	15	30.6	2.92	3	0.01	0.03	22
1099165	411363	7079646	8N	0.2	1.16	26.5	14	1	75	0.3	0.07	0.2	20.6	20	24.8	3.26	4	0.05	0.04	20
1099166	411337	7079692	8N	0.6	0.67	145.3	17.5	0.5	75	0.4	0.08	0.4	13.7	15	23.6	2.11	2	0.02	0.08	40
1099167	411314	7079738	8N	0.4	1.23	74.5	208.5	0.5	115	0.3	0.1	0.4	16.3	23	26.6	2.91	4	0.03	0.05	26
1099168	411293	7079784	8N	0.4	1.27	66	9.9	0.5	118	0.3	0.08	0.2	10.5	21	25.8	2.82	4	0.03	0.04	15
1099169	411264	7079829	8N	0.2	1.52	18.7	4.9	1	153	0.2	0.11	0.2	8.5	29	22.2	2.66	5	0.04	0.05	18
1099170	411241	7079875	8N	0.1	1.11	16.7	4.5	1	99	0.2	0.14	0.2	6.4	20	21.9	2.25	3	0.02	0.04	22
1099171	411218	7079923	8N	0.4	0.97	17.1	7.9	0.5	112	0.3	0.12	0.2	8.4	16	28	2.69	3	0.02	0.04	33
1099172	411190	7079967	8N	0.2	1.24	15	6	0.5	103	0.3	0.1	0.1	8.4	21	26.8	2.81	4	0.04	0.05	23
1099173	411167	7080013	8N	0.2	0.92	20.6	3.9	0.5	71	0.3	0.08	0.3	13.3	15	33.3	2.96	3	0.03	0.03	17
1099174	411147	7080060	8N	0.2	1.12	14.7	4.6	1	116	0.3	0.1	0.2	8.9	20	27.3	2.5	3	0.04	0.04	22
1099175	411131	7080110	8N	0.1	0.89	14.7	11.8	0.5	160	0.2	0.19	0.4	8.7	19	32.5	2.3	3	0.04	0.04	20
1099176	411131	7080110	8N	0.1	0.76	14.7	8.4	0.5	149	0.1	0.16	0.3	8.2	16	31.9	2.06	3	0.04	0.03	14

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1099126	0.37	346	1	0.006	20.1	0.032	18.5	0.025	0.8	1.9	0.25	9	0.1	5.4	0.033	0.05	0.7	43	0.2	58
1099127	0.35	221	1.9	0.005	24.8	0.045	46	0.025	2.3	1.6	0.6	8	0.3	7.6	0.012	0.05	1.6	24	0.1	63
1099128	0.08	105	1.2	0.003	8	0.029	9.5	0.025	0.7	0.6	0.25	4	0.1	1.9	0.028	0.05	0.4	44	0.2	27
1099129	0.26	428	1.1	0.004	18.9	0.057	31.2	0.025	0.7	0.7	0.25	6	0.1	0.7	0.011	0.05	0.9	30	0.1	61
1099130	0.45	354	0.7	0.003	22.7	0.034	20.7	0.025	0.6	1.2	0.25	5	0.1	5.2	0.012	0.05	0.7	27	0.1	58
1099131	0.48	402	0.6	0.003	32.8	0.023	17.1	0.025	0.5	1.6	0.25	4	0.1	8.2	0.011	0.05	1.1	24	0.05	61
1099132	0.26	215	1.4	0.003	15.9	0.034	213.8	0.025	1.3	1	0.5	5	0.1	3.2	0.016	0.05	0.8	40	0.2	51
1099133	0.34	264	1.1	0.005	20.3	0.032	20.6	0.025	0.9	1.9	0.25	10	0.1	5.9	0.031	0.1	0.8	44	0.1	53
1099134	0.23	230	1	0.004	15.5	0.03	25.4	0.025	0.6	1.2	0.25	6	0.1	3	0.013	0.05	0.7	33	0.1	47
1099135	0.33	326	0.8	0.004	20.4	0.028	14	0.025	0.6	1.5	0.5	7	0.1	3.4	0.016	0.05	0.5	29	0.2	49
1099136	0.15	132	0.9	0.003	7.5	0.02	13.8	0.025	0.5	0.9	0.25	5	0.1	1.9	0.02	0.05	0.4	42	0.1	23
1099137	0.24	242	0.8	0.003	12.8	0.038	16.3	0.025	0.4	0.9	0.25	6	0.1	1.7	0.014	0.05	0.5	30	0.2	38
1099138	0.35	366	0.7	0.003	28.7	0.032	35	0.025	1.2	1.3	0.25	4	0.1	9.7	0.008	0.05	1.1	20	0.1	81
1099139	0.38	327	1	0.005	16.5	0.031	14.5	0.025	0.6	2.3	0.25	8	0.1	4.3	0.024	0.1	0.9	37	0.2	48
1099140	0.25	161	0.7	0.003	14	0.026	15.6	0.025	0.6	1.4	0.25	6	0.1	3	0.02	0.05	0.4	33	0.2	37
1099142	0.31	2334	1.3	0.004	69.9	0.079	92	0.025	9.3	2.5	0.6	18	0.1	10.1	0.021	0.4	5.2	26	0.1	194
1099143	0.44	478	1.1	0.005	31.5	0.057	36.8	0.025	1	1.6	0.6	11	0.1	4.2	0.027	0.05	1.1	35	0.3	82
1099144	0.49	1558	0.9	0.004	54.8	0.055	50.9	0.025	1	2.6	0.25	13	0.1	11.7	0.014	0.1	2.6	24	0.3	111
1099145	0.09	5327	1.2	0.002	82.2	0.055	197.3	0.025	6.3	1.6	0.25	23	0.1	14.3	0.006	0.2	4.6	12	0.2	514
1099146	0.13	638	1	0.003	25.9	0.052	25.8	0.025	3.4	0.9	0.25	9	0.1	2.8	0.006	0.1	1.8	16	0.1	87
1099151	0.21	209	1.2	0.004	41.4	0.039	229.6	0.025	3.3	1.4	0.6	19	0.1	17.8	0.005	0.05	5.2	10	0.1	297
1099152	0.38	140	1.7	0.005	9.7	0.056	24.6	0.025	0.7	0.8	0.25	12	0.1	4.4	0.013	0.05	1.2	32	0.05	53
1099153	0.73	329	1.2	0.006	28.3	0.054	25.7	0.025	0.9	1.6	0.25	24	0.1	15.2	0.012	0.05	2.5	22	0.05	85
1099154	0.35	157	0.7	0.004	18.5	0.044	25.1	0.025	1	1.2	0.25	7	0.1	4.7	0.012	0.05	1.4	23	0.1	53
1099155	0.42	263	0.8	0.005	17.7	0.047	15.2	0.025	0.8	1.4	0.25	10	0.1	6.5	0.019	0.05	1.2	28	0.1	54
1099156	0.39	454	1.5	0.006	14	0.066	21.2	0.025	0.7	1	0.25	13	0.1	2.8	0.019	0.05	1.4	33	0.1	52
1099157	0.43	246	0.9	0.005	20.3	0.055	18.5	0.025	2	1.3	0.25	14	0.1	9.1	0.023	0.05	1.8	24	0.2	71
1099158	0.41	319	1	0.005	23.3	0.06	23.3	0.025	1.9	1.8	0.25	14	0.1	7.1	0.021	0.05	1.9	35	0.2	77
1099159	0.42	260	1	0.006	21.3	0.071	20.9	0.025	1.4	1.8	0.25	15	0.1	6.7	0.031	0.05	1.8	37	0.4	69
1099160	0.43	279	1.3	0.006	20.6	0.058	21.5	0.025	1.5	1.9	0.25	13	0.1	4.8	0.02	0.05	1.7	39	0.3	72
1099161	0.52	404	1.1	0.006	21	0.054	20.6	0.025	1.1	1.6	0.25	14	0.1	6.8	0.019	0.05	1.7	30	0.2	73
1099162	0.44	315	1.1	0.005	20.2	0.048	16.5	0.025	1.1	1.8	0.25	12	0.1	4.5	0.03	0.05	1.3	39	0.3	67
1099163	0.43	302	1	0.005	21.5	0.049	17.7	0.025	1.6	1.4	0.25	11	0.1	8	0.022	0.05	1.5	28	0.2	66
1099164	0.35	332	0.9	0.003	24.3	0.052	17.7	0.025	1.4	1.4	0.25	9	0.1	8.3	0.013	0.05	1.6	20	0.05	65
1099165	0.38	910	1.8	0.004	27.6	0.068	23.2	0.025	2.7	1.5	1.1	11	0.1	4.7	0.016	0.05	1.2	32	0.2	76
1099166	0.18	299	1.4	0.004	20.3	0.052	57.3	0.07	10.5	1.7	0.8	17	0.1	9.9	0.013	0.1	1.3	17	0.1	44
1099167	0.35	489	1.9	0.005	26.9	0.058	32	0.025	3.4	1.7	0.7	14	0.1	4.8	0.022	0.05	1.5	33	0.2	79
1099168	0.33	383	1.9	0.004	24.8	0.063	25.7	0.025	2.3	1.8	0.6	10	0.1	2.9	0.014	0.1	1.3	33	0.2	76
1099169	0.48	296	1.1	0.006	20	0.052	14	0.025	1.1	2.6	0.6	12	0.1	3.4	0.039	0.1	1.4	47	0.2	67
1099170	0.35	197	0.9	0.005	17.9	0.059	12.3	0.025	1.4	1.7	0.25	13	0.1	4.6	0.031	0.05	1	32	0.3	56
1099171	0.35	221	0.9	0.005	21	0.055	16.2	0.025	1.5	1.7	0.25	12	0.1	10.6	0.023	0.05	1.6	23	0.1	70
1099172	0.36	256	1	0.005	19.6	0.05	17.6	0.025	1.4	1.9	0.5	12	0.1	4.6	0.022	0.05	1.3	33	0.2	68
1099173	0.3	344	1.1	0.003	28	0.056	17.6	0.025	2.6	1.4	0.25	10	0.1	6.5	0.019	0.05	1.3	24	0.2	76
1099174	0.37	269	1	0.005	22.8	0.051	14.6	0.025	1.5	2.1	0.6	11	0.1	5.3	0.029	0.05	1.4	32	0.3	66
1099175	0.35	368	0.7	0.006	22	0.077	9.6	0.025	1	2.8	0.25	16	0.1	6.2	0.042	0.05	0.9	32	0.3	66
1099176	0.29	338	0.5	0.004	21.2	0.072	8.4	0.025	0.9	2.6	0.25	13	0.1	4.3	0.031	0.05	0.7	29	0.3	61

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1099177	411127	7080162	8N	0.1	1.23	12.5	6.7	0.5	145	0.2	0.13	0.1	7.7	23	22.7	2.41	4	0.04	0.05	23
1099178	411115	7080211	8N	0.1	0.96	14.2	3.9	1	71	0.2	0.09	0.2	7.5	18	19	2.14	3	0.03	0.03	14
1099179	411105	7080262	8N	0.1	1.14	15	3.6	1	93	0.2	0.11	0.2	6.6	23	17.8	2.4	4	0.03	0.04	21
1099180	411095	7080314	8N	0.1	1.04	13.5	5.6	0.5	95	0.2	0.11	0.2	7	19	21.1	2.24	3	0.03	0.03	15
1099181	411085	7080363	8N	0.05	0.94	10.7	2.3	1	68	0.2	0.08	0.1	6.3	17	16.8	2.08	3	0.03	0.03	14
1099182	411073	7080413	8N	0.05	1.03	12.9	17.6	2	53	0.2	0.06	0.1	6.3	19	11.8	2.22	4	0.04	0.03	13
1099183	411073	7080461	8N	0.05	1.06	11.3	1.5	2	92	0.2	0.08	0.2	6.4	20	17.2	2.15	4	0.03	0.03	16
1099186	407609	7078960	8N	0.05	0.94	13.9	0.6	0.5	159	0.2	0.12	0.1	11.1	20	25.8	2.71	3	0.04	0.04	26
1099187	407642	7078999	8N	0.05	0.57	15.2	1.6	0.5	41	0.3	0.04	0.05	12.2	14	28.3	3.11	2	0.02	0.03	42
1099188	416376	7081989	8N	0.05	1.31	14.2	2.2	1	74	0.2	0.09	0.05	5.5	22	11.9	2.02	4	0.03	0.05	16
1099189	416383	7082089	8N	0.05	1.1	11.8	2.3	1	69	0.2	0.11	0.2	5.6	19	15.2	1.94	3	0.03	0.05	16
1099190	416375	7082039	8N	0.05	1.32	20.2	1.8	1	84	0.2	0.09	0.2	8.9	22	16.8	2.3	4	0.03	0.05	18
1099191	416377	7082139	8N	0.05	1.12	15.4	3	1	84	0.2	0.08	0.1	4.8	20	11.4	1.9	4	0.05	0.04	16
1099192	416392	7082188	8N	0.05	1.17	14.4	17.2	0.5	57	0.2	0.07	0.2	4.4	19	11.2	2.07	4	0.03	0.03	14
1099193	416397	7082238	8N	0.05	1.16	13.6	5.9	2	61	0.2	0.07	0.1	5.3	22	13.2	2.26	4	0.04	0.05	19
1099194	416405	7082288	8N	0.2	1.28	15.5	3.9	2	74	0.2	0.1	0.2	8.7	21	14.5	2.26	4	0.04	0.04	17
1099195	416409	7082339	8N	0.05	0.99	13.2	6.4	1	57	0.2	0.08	0.2	9.5	19	18.7	2.6	3	0.03	0.04	25
1099196	416422	7082389	8N	0.1	1.75	17.9	3	2	71	0.2	0.07	0.1	7.3	28	13	2.86	4	0.07	0.04	15
1099197	413998	7080319	8N	0.1	1.21	12.6	3.5	2	105	0.2	0.09	0.2	7.9	19	18.8	2.16	3	0.06	0.04	16
1099198	413948	7080310	8N	0.2	1.48	18.9	8.2	0.5	76	0.2	0.09	0.2	7.8	23	21.3	2.73	4	0.05	0.03	17
1099199	413901	7080293	8N	0.1	1.04	20.9	5.2	1	57	0.3	0.07	0.2	8	20	20.1	2.59	4	0.03	0.05	18
1099200	413857	7080269	8N	0.05	0.97	13.9	2.9	2	52	0.2	0.07	0.1	5.8	19	11.5	2.32	4	0.05	0.03	12
1099201	413407	7073103	8N	0.2	1.17	25.8	19.7	0.5	125	0.2	0.12	0.2	8.6	20	19.4	2.31	3	0.04	0.05	19
1099202	413386	7073149	8N	0.3	0.9	35.4	51.3	0.5	161	0.2	0.24	0.5	9.2	19	23.7	2.26	3	0.04	0.05	22
1099203	413369	7073196	8N	0.6	1.08	154.1	19	2	65	0.4	0.58	0.4	10.5	12	27.9	2.61	3	0.04	0.08	35
1099204	413344	7073240	8N	0.7	1.2	359.4	53	0.5	57	0.6	0.24	0.3	15.8	10	29.3	3.07	3	0.02	0.09	50
1099205	413326	7073287	8N	0.5	1.32	65.4	3.4	2	82	0.3	0.12	0.3	12.6	16	29.6	2.96	3	0.03	0.1	37
1099206	413309	7073331	8N	0.4	1.03	84.7	17.1	0.5	123	0.2	0.35	0.05	5.6	15	13.5	1.97	3	0.03	0.05	23
1099207	413292	7073381	8N	0.2	1.06	40.4	6.1	1	152	0.2	0.32	0.05	8	16	17.2	2.09	3	0.03	0.06	26
1099208	413269	7073425	8N	0.05	0.84	18	0.9	0.5	83	0.2	0.18	0.1	5.1	16	11.2	2.04	4	0.04	0.06	16
1099209	413248	7073473	8N	0.2	1.22	22.6	4.2	1	127	0.3	0.15	0.1	8.1	16	17.8	2.33	3	0.04	0.06	25
1099210	413232	7073518	8N	0.4	0.99	19	6.2	0.5	124	0.3	0.16	0.1	9.2	14	24.4	2.28	3	0.04	0.05	30
1099211	413209	7073564	8N	0.5	1.45	58.8	15.1	0.5	131	0.3	0.13	0.2	9.4	19	23.8	2.43	4	0.04	0.07	29
1099212	413191	7073610	8N	0.3	1.26	33.5	4.8	0.5	115	0.3	0.14	0.1	10.4	15	22.3	2.46	3	0.04	0.08	35
1099213	413176	7073657	8N	0.2	0.67	10.4	1.2	1	60	0.2	0.06	0.05	2.9	10	8.4	1.17	3	0.04	0.03	18
1099214	413151	7073701	8N	1.1	1.05	17.2	2.6	0.5	124	0.2	0.18	0.3	13.7	14	23.6	2.43	3	0.03	0.05	31
1099215	413128	7073746	8N	0.6	1.33	92.6	24.1	1	144	0.3	0.19	0.5	11.2	18	24.9	2.61	3	0.04	0.05	27
1099216	413111	7073794	8N	0.3	1.32	11.3	2.8	0.5	186	0.2	0.32	0.2	12	59	18.4	2.52	3	0.04	0.07	24
1099217	413095	7073840	8N	0.1	0.99	12.8	2.3	1	110	0.3	0.09	0.2	17.1	14	23.2	2.27	2	0.02	0.07	32
1099218	413074	7073886	8N	0.2	1.01	16	1.6	0.5	115	0.3	0.1	0.05	9.6	14	21.6	2.29	3	0.04	0.07	28
1099219	413055	7073933	8N	0.1	1.18	35.5	3.1	1	92	0.2	0.09	0.2	8.6	15	12	2.05	3	0.04	0.05	17
1099220	413034	7073978	8N	0.1	1.1	19	3	0.5	110	0.3	0.11	0.1	9.4	15	18.4	2.33	3	0.04	0.07	26
1099221	413426	7073059	8N	0.2	1.32	30.7	12.3	1	159	0.3	0.14	0.3	10.1	21	25.5	2.46	3	0.05	0.05	23
1099222	413448	7073014	8N	0.05	1.7	154.7	18.2	0.5	68	0.4	0.11	0.6	12.6	20	23.1	2.86	4	0.02	0.05	32
1099223	413465	7072966	8N	0.05	1.08	46.1	3.6	0.5	63	0.3	0.08	0.2	5.6	16	11.2	2.04	4	0.04	0.03	17
1099224	413481	7072918	8N	0.2	1.45	259.6	4.5	0.5	115	0.3	0.07	1	20.9	35	27	2.88	4	0.04	0.04	17

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1099177	0.4	257	1	0.006	18.9	0.055	12.2	0.025	1.2	2.4	0.25	13	0.1	5.3	0.039	0.05	1.4	37	0.2	61
1099178	0.3	249	0.8	0.004	15.8	0.059	11.3	0.025	1.5	1.4	0.25	8	0.1	1.4	0.019	0.05	1	31	0.3	51
1099179	0.35	227	1	0.005	15.4	0.057	13.7	0.025	2	1.4	0.25	12	0.1	1.9	0.023	0.05	1.1	36	0.2	53
1099180	0.31	224	0.9	0.004	16	0.062	11.8	0.025	1.5	1.7	0.25	9	0.1	2	0.018	0.05	1	32	0.3	55
1099181	0.27	185	0.9	0.003	14.7	0.052	11.1	0.025	1.3	1.3	0.25	8	0.1	1.7	0.015	0.05	0.9	29	0.3	48
1099182	0.28	255	0.9	0.003	12.3	0.047	11.8	0.025	1.2	1	0.25	7	0.1	0.8	0.018	0.05	0.7	36	0.3	42
1099183	0.31	219	0.9	0.003	16.1	0.053	10.6	0.025	1.1	1.6	0.25	8	0.1	1.4	0.021	0.05	0.9	34	0.3	51
1099186	0.3	445	0.9	0.005	27.1	0.047	13	0.025	0.9	2.5	0.25	12	0.1	8.3	0.031	0.05	1.4	32	0.2	64
1099187	0.16	252	0.8	0.004	31.3	0.042	8.8	0.025	1.1	1	0.25	6	0.1	3.8	0.008	0.05	1.1	19	0.05	63
1099188	0.3	194	0.8	0.004	13.1	0.042	13.9	0.025	0.5	1.1	0.25	9	0.1	1.1	0.024	0.1	0.7	35	0.1	44
1099189	0.3	195	0.7	0.004	14.4	0.048	9.6	0.025	0.6	1.1	0.25	9	0.1	1.5	0.026	0.05	0.8	30	0.2	48
1099190	0.34	372	0.9	0.004	15.9	0.048	13.3	0.025	0.6	1.3	0.25	9	0.1	1	0.024	0.1	1.1	36	0.2	53
1099191	0.26	176	0.8	0.004	10.9	0.036	12.1	0.025	0.6	0.8	0.25	9	0.1	0.5	0.017	0.1	0.7	35	0.1	37
1099192	0.26	138	0.9	0.003	12.1	0.042	20.7	0.025	0.7	0.8	0.6	7	0.1	0.6	0.014	0.1	0.9	34	0.2	44
1099193	0.32	201	1.1	0.005	13.4	0.041	18	0.025	1	1.1	0.25	8	0.1	1.7	0.021	0.2	1	35	0.2	47
1099194	0.34	434	0.8	0.004	16.4	0.055	12.4	0.025	0.9	1.6	0.25	9	0.1	3.3	0.022	0.1	0.9	31	0.1	58
1099195	0.3	405	1.1	0.004	22.8	0.033	14.6	0.025	1.8	1.5	0.25	8	0.1	5.9	0.025	0.2	0.9	32	0.2	64
1099196	0.34	268	1	0.004	15.7	0.039	13.9	0.025	0.9	1.7	0.5	8	0.1	2.8	0.029	0.2	0.7	37	0.2	53
1099197	0.32	257	0.8	0.005	19.2	0.049	11.2	0.025	0.7	1.5	0.25	9	0.1	2	0.019	0.05	0.9	34	0.2	49
1099198	0.39	301	0.9	0.006	21.1	0.061	18.4	0.025	1	1.6	0.5	8	0.1	2.9	0.018	0.05	1.1	37	0.3	64
1099199	0.35	324	0.9	0.004	20.1	0.037	14.8	0.025	1.2	1.2	0.25	7	0.1	3.8	0.027	0.05	0.9	39	0.2	61
1099200	0.21	367	1	0.004	10.2	0.044	14.4	0.025	0.7	0.9	0.25	7	0.1	0.8	0.019	0.05	0.5	33	0.2	42
1099201	0.33	374	0.7	0.004	20.5	0.052	24.4	0.025	0.7	1.7	0.25	10	0.1	3.6	0.023	0.1	0.9	34	0.4	67
1099202	0.33	441	0.7	0.005	24.1	0.074	50.1	0.025	0.9	2.2	0.25	16	0.1	6.3	0.032	0.1	1.3	34	0.8	90
1099203	0.36	536	0.6	0.004	28.1	0.063	33	0.1	1.5	1.3	0.25	19	0.1	12.1	0.004	0.1	2	10	0.1	83
1099204	0.43	576	0.5	0.002	32.1	0.052	36.6	0.025	2.1	1.1	0.25	10	0.1	18.5	0.005	0.2	1.5	7	0.05	108
1099205	0.38	740	0.7	0.004	25.2	0.094	39	0.025	1.8	1	0.25	9	0.1	6.1	0.007	0.3	1.3	16	0.05	102
1099206	0.3	287	0.5	0.004	16.7	0.046	16.2	0.025	0.8	1.5	0.25	14	0.1	6.4	0.011	0.1	0.8	23	0.2	53
1099207	0.33	515	0.5	0.004	20.7	0.038	17	0.025	1	1.8	0.25	14	0.1	6.7	0.014	0.1	0.7	25	0.2	50
1099208	0.28	289	0.9	0.004	14.1	0.068	24.2	0.025	0.8	1.4	0.25	12	0.1	4.8	0.022	0.1	0.5	33	0.2	55
1099209	0.34	248	0.7	0.004	20.6	0.052	16.2	0.025	0.7	1.3	0.25	13	0.1	6.2	0.012	0.1	0.7	25	0.1	53
1099210	0.37	346	0.5	0.004	26	0.043	16.2	0.025	0.7	2.1	0.25	13	0.1	10.7	0.017	0.1	1	21	0.1	57
1099211	0.44	314	0.6	0.004	22.6	0.043	26.2	0.025	0.8	1.6	0.25	10	0.1	7.9	0.011	0.2	0.9	26	0.2	64
1099212	0.38	344	0.5	0.003	25.1	0.037	24	0.025	0.7	1.2	0.25	10	0.1	12.5	0.009	0.1	0.9	20	0.1	49
1099213	0.14	90	0.5	0.003	8.2	0.028	8.3	0.025	0.4	0.9	0.25	6	0.1	2.6	0.01	0.1	0.5	24	0.2	26
1099214	0.39	857	0.5	0.004	32.3	0.039	45.7	0.025	0.6	1.7	0.25	10	0.1	11.7	0.012	0.2	1	18	0.1	89
1099215	0.36	506	0.7	0.004	28.5	0.036	75.1	0.025	2	1.8	0.25	14	0.1	6.6	0.01	0.2	0.9	26	0.1	103
1099216	0.73	526	0.7	0.006	25.6	0.068	27.4	0.025	0.6	3.7	0.25	18	0.1	7.8	0.065	0.1	1.1	45	0.2	63
1099217	0.3	326	0.5	0.003	30.6	0.027	25.1	0.025	0.7	1.2	0.25	10	0.1	10.6	0.014	0.1	1	20	0.1	54
1099218	0.26	293	0.5	0.003	23.1	0.031	29.9	0.025	0.7	1.2	0.25	14	0.1	7.9	0.011	0.2	1	22	0.2	45
1099219	0.17	544	0.7	0.003	21	0.033	23.7	0.025	0.6	1.7	0.25	7	0.1	5.5	0.019	0.05	0.5	28	0.2	39
1099220	0.22	640	0.7	0.004	24.5	0.033	33.2	0.025	0.5	1.5	0.25	10	0.1	5.5	0.018	0.1	0.8	25	0.2	49
1099221	0.38	299	0.8	0.004	25	0.059	33.5	0.025	0.9	2	0.25	11	0.1	6.9	0.022	0.1	1.1	33	0.6	90
1099222	0.47	363	0.6	0.003	25.5	0.046	49.5	0.025	0.9	1.4	0.25	7	0.1	10.2	0.011	0.1	0.7	26	0.2	98
1099223	0.18	283	0.8	0.003	10.6	0.039	14.4	0.025	0.5	0.7	0.25	7	0.1	0.7	0.015	0.2	0.6	33	0.2	37
1099224	0.57	743	0.7	0.003	55.1	0.04	142.5	0.025	1.8	2.2	0.25	7	0.1	2.8	0.013	0.1	0.8	31	0.2	147

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1099225	413503	7072875	8N	0.3	1.12	203.8	50	0.5	87	0.5	0.21	0.7	11.3	18	28.1	2.78	3	0.02	0.05	35
1099226	413522	7072829	8N	0.6	1.44	361.8	135.9	2	132	2.8	0.09	0.6	11.2	23	33.6	2.8	4	0.04	0.06	26
1099227	413543	7072783	8N	0.1	1.29	56.2	9.6	0.5	71	0.3	0.14	0.6	11.5	20	27.2	2.52	3	0.03	0.05	23
1099228	413561	7072735	8N	0.2	1.2	403.4	15.2	1	117	0.7	0.11	0.8	17.8	14	34.5	3	3	0.01	0.05	35
1099229	413581	7072689	8N	0.4	1.17	131.5	21.9	1	139	0.9	0.17	0.5	8.8	19	22.2	2.3	3	0.04	0.06	24
1099230	413601	7072644	8N	0.3	1.27	97.1	9.8	1	154	0.4	0.15	0.1	8.9	20	23.3	2.46	4	0.04	0.06	24
1099231	413621	7072598	8N	0.8	1.62	256.3	19.5	0.5	119	0.8	0.11	0.4	13.1	22	42.1	2.82	4	0.03	0.05	35
1099233	414357	7072908	8N	0.5	1.6	437.1	24.8	1	158	4	0.19	8.3	13.8	23	145.5	2.54	4	0.03	0.12	26
1099234	414338	7072954	8N	0.5	1.9	332.2	9.2	0.5	128	1.9	0.17	19.2	14.2	27	200.7	2.86	6	0.03	0.22	33
1099235	414318	7073001	8N	0.3	1.57	150.4	31	1	145	1.8	0.18	7	11.4	26	88	2.62	4	0.04	0.1	24
1099236	414299	7073047	8N	0.3	1.53	161.1	10.2	0.5	125	1.7	0.12	4.3	8.2	25	76.9	2.62	5	0.05	0.08	18
1099237	414279	7073093	8N	0.2	1.48	138.8	12.8	1	104	1.5	0.09	2.5	7.5	23	59.3	2.24	5	0.04	0.06	11
1099238	414259	7073140	8N	0.3	1.43	234.1	14.6	0.5	139	2.7	0.22	8.1	9.7	24	109.1	2.63	5	0.05	0.09	18
1099239	414241	7073185	8N	0.2	1.06	78.7	6.6	1	116	0.5	0.23	2.5	8	18	27.2	2.16	4	0.03	0.05	10
1099240	414222	7073232	8N	0.3	1.12	102.9	4.2	0.5	135	0.6	0.27	3.2	9.6	18	40.1	2	4	0.02	0.07	12
1099241	414202	7073277	8N	0.4	1.37	142	15.8	0.5	149	0.6	0.21	3.1	9	22	43.9	2.39	4	0.04	0.06	12
1099242	414182	7073323	8N	0.2	1.18	85.4	9.4	0.5	148	0.3	0.18	0.5	7.9	19	25.6	2.16	4	0.04	0.05	14
1099243	414162	7073369	8N	0.3	1.55	151.5	11.6	0.5	191	1	0.19	1.3	8.1	25	39.3	2.56	5	0.03	0.06	17
1099244	414144	7073415	8N	0.1	1.17	103.6	4.5	0.5	154	0.5	0.19	2.1	7.7	23	26.1	2.32	5	0.02	0.05	12
1099245	414122	7073460	8N	0.4	1.86	505.6	40.4	1	215	3.8	0.22	8.6	11.3	35	84.2	2.84	6	0.02	0.14	14
1099246	414103	7073508	8N	0.3	1.22	164.3	8.3	0.5	156	1.2	0.18	1.2	7.2	23	32.7	2.19	4	0.04	0.06	13
1099247	414083	7073553	8N	0.9	1.2	109	11.2	0.5	180	1.1	0.14	2.2	7.5	24	49.1	2.3	4	0.03	0.05	16
1099248	414064	7073599	8N	0.9	1.7	128.8	14.1	0.5	248	1.3	0.27	6.8	13.7	29	69.3	3.29	6	0.04	0.19	24
1099249	414045	7073645	8N	0.5	0.98	96.9	23.2	0.5	121	0.5	0.16	1.8	8.3	19	29.9	2.13	3	0.03	0.05	17
1099250	414025	7073692	8N	1.6	1.17	87.2	13.7	0.5	75	0.7	0.09	1.1	4.4	19	19.6	2.31	4	0.09	0.03	11
1099251	406150	7076828	8N	0.05	1.02	6.7	1.8	1	55	0.3	0.08	0.4	9.9	18	26.3	2.4	4	0.03	0.02	21
1099252	406099	7076832	8N	0.6	0.97	10.8	1.8	0.5	49	0.3	0.03	0.3	8	19	44.9	2.43	3	0.04	0.04	41
1099253	406050	7076843	8N	8.2	1.06	19.5	18.7	2	38	0.2	0.13	0.9	14.1	15	46.2	2.84	3	0.04	0.04	27
1099254	405999	7076850	8N	1.1	1.1	9.4	1.7	2	80	0.3	0.06	1.1	12.8	22	27.4	3	3	0.04	0.04	32
1099255	405950	7076855	8N	0.3	1.41	11.2	5.8	0.5	75	0.2	0.09	0.2	15.2	20	45.1	2.87	4	0.03	0.03	45
1099256	405902	7076871	8N	0.05	1.05	0.25	0.6	0.5	26	0.5	0.2	0.05	15.8	22	95.7	2.9	3	0.005	0.02	98
1099258	405854	7076887	8N	0.1	1.23	9.8	1.9	1	87	0.2	0.1	0.2	9.6	30	27.5	2.37	4	0.04	0.04	15
1099259	405808	7076871	8N	0.05	2.24	26.6	0.6	0.5	47	0.2	0.21	0.05	35.9	183	56.8	3.66	7	0.01	0.03	25
1099260	405761	7076893	8N	0.05	1.35	9.9	2.7	0.5	70	0.5	0.05	0.1	14.4	19	32	2.78	4	0.01	0.04	28
1099261	405710	7076893	8N	0.05	1.7	6.8	1.8	0.5	81	0.3	0.12	0.05	16.3	43	34	2.89	5	0.03	0.07	40
1099262	405661	7076907	8N	0.05	1.56	10.6	2.3	0.5	94	0.3	0.09	0.05	14.1	27	39.1	3.1	4	0.02	0.04	45
1099263	405615	7076926	8N	0.2	1.52	12.4	3	1	88	0.2	0.1	0.4	12.5	24	22.7	2.64	4	0.04	0.04	18
1099264	405612	7076976	8N	0.05	1.36	13.1	10	0.5	53	0.4	0.07	0.3	20	25	33	3.19	4	0.02	0.03	28
1099265	405607	7077026	8N	0.4	1.83	59.3	5.3	0.5	63	0.2	0.18	0.3	25.8	42	24.8	5.05	5	0.02	0.04	49
1099266	405601	7077076	8N	0.2	2.09	18.5	1.2	0.5	94	0.2	0.22	0.4	18.5	104	40.2	3.59	6	0.04	0.05	23
1099267	405589	7077125	8N	0.3	1.86	22.7	2.1	0.5	137	0.3	0.13	1.2	14.3	64	35.4	3.24	5	0.03	0.04	28
1099268	405584	7077175	8N	0.1	2.19	13	1.7	0.5	107	0.2	0.17	0.6	20.4	125	39.5	3.77	7	0.03	0.05	23
1099269	405579	7077226	8N	0.6	1.32	44.1	6.6	1	94	0.3	0.2	1.3	19.3	46	47.6	3.31	4	0.03	0.05	39
1099270	405573	7077278	8N	0.1	1.52	14.7	4.2	0.5	94	0.3	0.12	0.7	10.8	34	33.9	2.66	5	0.03	0.05	27
1099271	405569	7077328	8N	0.2	1.47	27.9	5	2	88	0.2	0.1	0.3	9.8	29	28	2.66	4	0.03	0.05	26
1099272	405568	7077379	8N	0.1	1.16	54.5	5.3	0.5	64	0.2	0.1	0.3	8.1	21	23.5	2.19	3	0.04	0.04	20

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1099225	0.45	535	1	0.003	26.2	0.058	34.5	0.025	1.1	1.5	0.25	12	0.1	10.5	0.014	0.1	1.5	26	0.7	94
1099226	0.49	484	0.8	0.005	23.3	0.053	35.2	0.025	1.5	2.1	0.25	10	0.1	4.5	0.02	0.2	1.2	32	0.2	82
1099227	0.46	660	0.7	0.003	27	0.072	36.7	0.025	0.8	2	0.25	10	0.1	7.7	0.024	0.05	0.8	29	0.3	94
1099228	0.41	731	0.6	0.004	38.6	0.05	47.9	0.025	2.2	1.7	0.25	10	0.1	10.5	0.013	0.2	1.4	19	0.2	88
1099229	0.34	331	0.7	0.005	22.8	0.061	43.9	0.025	1	1.2	0.25	13	0.1	1.8	0.016	0.1	1.1	30	0.4	71
1099230	0.37	365	0.8	0.005	22.5	0.053	23.4	0.025	2	1.7	0.25	12	0.1	3.3	0.015	0.2	1.1	32	0.3	65
1099231	0.65	627	0.5	0.003	30	0.041	25.5	0.025	3	1.6	0.25	9	0.1	10.1	0.008	0.1	1	21	0.1	88
1099233	0.39	410	0.8	0.007	26.8	0.071	9.5	0.06	0.8	2.1	0.25	36	0.1	8	0.037	0.6	1.5	36	7.3	1289
1099234	0.45	429	0.7	0.012	31.1	0.056	13	0.05	0.6	2.8	0.9	34	0.1	10.8	0.044	0.7	2.5	34	2.3	2752
1099235	0.42	503	1	0.008	25.3	0.08	10.4	0.11	0.8	2.4	0.25	18	0.1	6.5	0.04	0.5	1.7	42	4	763
1099236	0.42	370	0.9	0.006	20.9	0.059	10	0.025	0.6	2	0.25	14	0.1	4.4	0.034	0.5	1.3	38	2.8	623
1099237	0.31	324	1	0.005	18.2	0.06	8.3	0.025	0.5	1.2	0.25	14	0.1	1.8	0.027	0.4	1.1	34	2.2	455
1099238	0.37	345	0.9	0.01	24.5	0.076	9.6	0.025	0.6	1.9	0.7	24	0.1	5	0.032	0.4	1.3	37	4.7	754
1099239	0.29	507	0.8	0.005	16.5	0.053	30.8	0.025	0.6	1.1	0.25	18	0.1	1.5	0.02	0.2	0.7	28	0.9	232
1099240	0.33	423	0.6	0.006	19.5	0.049	18.4	0.025	0.5	1.3	0.6	22	0.1	2.8	0.016	0.2	0.9	27	0.5	339
1099241	0.36	486	0.8	0.006	19.6	0.058	53.9	0.025	0.6	1.5	0.6	21	0.1	1.8	0.019	0.2	1.2	33	0.4	455
1099242	0.33	313	0.8	0.006	18.3	0.057	13	0.025	0.7	1.4	0.25	18	0.1	2.4	0.015	0.2	1.1	32	0.6	108
1099243	0.42	367	0.9	0.01	20.2	0.063	12.4	0.025	0.6	1.5	0.25	20	0.1	1.8	0.015	0.4	1.3	37	0.5	161
1099244	0.37	359	0.8	0.006	19.8	0.052	9.4	0.025	0.6	1.1	0.25	17	0.1	1.2	0.017	0.3	0.8	37	0.4	150
1099245	0.55	367	0.6	0.008	26.6	0.058	9.3	0.025	0.9	2.4	0.25	27	0.1	5.2	0.028	0.6	1.3	40	1.6	712
1099246	0.39	344	0.8	0.006	18.2	0.052	11.6	0.025	0.6	1.6	0.7	19	0.1	2.4	0.018	0.3	0.9	32	0.4	126
1099247	0.39	420	0.7	0.006	20.2	0.054	27.1	0.025	0.7	1.8	1.1	15	0.1	3.5	0.019	0.2	1.1	32	1.5	266
1099248	0.59	645	0.8	0.019	32.7	0.063	46.4	0.09	0.6	2.9	1	44	0.1	6.9	0.031	0.8	1.6	35	0.4	656
1099249	0.36	327	0.7	0.005	18.9	0.049	38.4	0.025	0.6	1.4	0.25	16	0.1	3.6	0.02	0.2	0.9	30	0.6	208
1099250	0.21	188	0.9	0.004	12.1	0.054	145.9	0.025	0.6	1.1	0.25	8	0.1	2.1	0.015	0.3	0.6	38	0.5	152
1099251	0.31	824	0.9	0.003	18.1	0.052	11	0.025	0.5	1.2	0.25	8	0.1	2.6	0.015	0.05	0.8	29	0.1	59
1099252	0.22	345	1	0.003	17.3	0.039	134.8	0.025	0.6	1.5	0.6	6	0.1	6.8	0.007	0.1	1.7	21	0.05	91
1099253	0.39	753	0.6	0.004	25.9	0.068	1437.1	0.025	6.1	1.4	0.25	11	0.1	10	0.019	0.05	1.2	20	0.1	243
1099254	0.31	490	0.6	0.004	24.1	0.038	153.9	0.025	0.9	1.8	0.25	10	0.1	6.3	0.027	0.2	1	30	0.1	143
1099255	0.56	847	0.4	0.003	33.6	0.043	12.2	0.025	0.4	2.2	0.25	10	0.1	11	0.011	0.05	1.3	24	0.05	84
1099256	0.66	1144	0.05	0.002	35.5	0.038	23.3	0.025	0.05	1.9	0.25	16	0.1	27	0.034	0.05	0.7	18	0.05	65
1099258	0.42	492	0.8	0.004	26.3	0.035	16.1	0.025	0.6	2	0.25	10	0.1	3.3	0.028	0.05	0.5	36	0.2	49
1099259	1.86	774	0.5	0.002	155.1	0.079	24.6	0.025	0.4	3.2	0.25	12	0.1	8.4	0.046	0.05	0.7	50	0.05	73
1099260	0.61	412	1.2	0.003	31.6	0.034	13	0.025	0.4	1.8	0.25	12	0.1	11.4	0.01	0.05	0.7	22	0.1	63
1099261	0.77	436	0.8	0.003	41	0.053	22	0.025	0.4	2.5	0.5	9	0.1	9.8	0.016	0.1	0.7	30	0.05	59
1099262	0.53	380	0.8	0.003	30.2	0.056	16.3	0.025	0.4	2.7	0.6	8	0.1	10.4	0.012	0.05	1.4	28	0.1	72
1099263	0.42	369	0.9	0.004	23.5	0.047	32.6	0.025	0.7	2	0.25	9	0.1	4.7	0.023	0.1	0.7	35	0.2	78
1099264	0.5	1465	0.8	0.003	32.2	0.061	40.4	0.025	0.4	1.4	0.25	8	0.1	4.2	0.009	0.05	1.2	22	0.05	74
1099265	0.84	1078	0.6	0.002	58.3	0.078	17.6	0.025	1.2	3.8	0.25	12	0.1	16	0.005	0.05	1.5	27	0.05	104
1099266	1.42	647	0.8	0.004	86.1	0.089	16	0.025	0.5	4	0.6	19	0.1	4.4	0.029	0.1	1	58	0.2	79
1099267	0.92	666	0.8	0.004	54.6	0.068	23.7	0.025	0.6	3.5	0.25	12	0.1	4.8	0.017	0.1	1	45	0.2	225
1099268	1.7	860	0.8	0.003	93.8	0.089	22.4	0.025	0.4	4.8	0.25	15	0.1	2.6	0.033	0.1	0.7	68	0.1	91
1099269	0.72	887	0.9	0.004	56.9	0.076	41.8	0.025	1.4	3.3	0.25	15	0.1	10.2	0.028	0.05	1.6	35	0.2	156
1099270	0.58	476	0.9	0.004	28.6	0.058	16.5	0.025	0.6	2.7	0.6	10	0.1	3.2	0.029	0.05	1.1	40	0.2	106
1099271	0.5	333	0.8	0.004	23.3	0.055	14.8	0.025	0.8	2.2	0.5	9	0.1	2.9	0.025	0.1	1.1	39	0.2	78
1099272	0.31	295	0.6	0.003	21	0.056	12.5	0.025	1.1	1.8	0.25	8	0.1	2.6	0.02	0.05	0.8	31	0.2	65

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1099273	405566	7077428	8N	0.1	1.22	26.3	4.6	0.5	97	0.2	0.12	0.3	9.9	21	23.7	2.37	3	0.05	0.05	25
1099274	405563	7077478	8N	0.2	1.3	44.1	5.3	2	147	0.3	0.15	0.1	11.2	22	27.9	2.69	3	0.02	0.05	29
1099275	414415	7074564	8N	0.3	1.12	194.8	53.5	0.5	116	0.6	0.17	0.6	14	18	24.2	2.49	3	0.03	0.08	26
1099276	414434	7074519	8N	1.5	1.65	230.6	23.3	2	87	1.2	0.26	2.8	18.2	23	75.8	3.22	5	0.02	0.11	35
1099277	414453	7074472	8N	0.4	1.6	75.9	9.5	1	136	0.8	0.16	1.6	23.6	27	52.2	3.48	5	0.06	0.06	43
1099278	414473	7074426	8N	1.5	1.36	296.1	8.9	1	158	1.7	0.36	7	12.5	28	42.8	3.09	5	0.05	0.12	30
1099279	414493	7074381	8N	0.2	1.29	31.3	2.8	1	117	0.7	0.08	0.6	7.6	27	17	2.58	4	0.05	0.06	16
1099280	414512	7074335	8N	0.7	1.4	276.1	15.5	0.5	152	1	0.21	0.6	17.5	24	45.3	3.09	4	0.04	0.08	49
1099281	415035	7073361	8N	0.8	1.19	293	34.5	2	105	1.3	0.2	10.5	21.6	21	93.2	3.23	4	0.02	0.13	33
1099283	415055	7073315	8N	1	1.53	200.2	25.8	2	148	1.1	0.18	9.3	16	23	78.7	3.56	5	0.04	0.11	30
1099285	415074	7073269	8N	0.2	1.36	50.8	11.3	2	130	0.7	0.23	1.3	7.2	21	32.4	2.14	4	0.09	0.06	12
1099286	415094	7073222	8N	0.4	1.87	140.5	15.5	2	145	0.7	0.14	3.7	13.6	32	75.7	3.35	6	0.1	0.09	22
1099287	415186	7073262	8N	0.5	1.18	163.5	15.1	2	117	0.5	0.32	5.4	13.2	22	39	2.3	4	0.06	0.08	15
1099288	415146	7073355	8N	0.6	1.56	212.4	22	2	120	0.9	0.28	1.9	16.2	26	69.9	3.33	5	0.05	0.09	22
1099293	412667	7073823	8N	0.1	0.96	39.3	12.7	1	82	0.2	0.18	0.2	19.1	20	43.7	2.33	3	0.05	0.04	26
1099294	412686	7073777	8N	0.05	1.24	223.6	6.6	1	114	0.3	0.09	0.2	15	20	35.7	3.82	4	0.03	0.06	32
1099295	412705	7073731	8N	0.3	0.7	82.1	7.3	0.5	68	0.2	0.15	0.4	4.8	12	11.4	1.64	3	0.04	0.04	19
1099296	412725	7073684	8N	0.2	1.03	55.9	4	0.5	86	0.2	0.31	0.1	7.7	17	12	1.95	3	0.02	0.05	22
1099297	412744	7073638	8N	0.05	0.96	19.4	4.1	2	87	0.2	0.34	0.3	7.6	14	13.8	1.85	2	0.03	0.05	22
1099298	412764	7073592	8N	0.6	1.06	110.6	6.4	2	92	0.3	0.68	0.8	7.3	16	18	2.06	3	0.04	0.05	19
1099299	412784	7073546	8N	0.2	1.11	44.9	15.9	0.5	109	0.3	0.18	0.3	7.3	17	17.1	2.14	3	0.03	0.05	25
1099300	412804	7073499	8N	0.3	1.17	42	6	1	96	0.3	0.13	0.3	8.1	18	16.8	2.12	3	0.03	0.05	21
1099301	412287	7083332	8N	0.2	1.08	19.4	4.6	1	104	0.3	0.09	0.3	14.8	30	53.5	3.79	4	0.04	0.06	21
1099302	412314	7083380	8N	0.1	0.88	12.4	2	2	163	0.4	0.15	0.1	10	18	27.5	3.01	3	0.05	0.08	21
1099303	412337	7083426	8N	0.1	0.52	8.5	0.5	2	79	0.6	0.05	0.05	10.1	9	33	3.03	0.5	0.04	0.12	62
1099304	412365	7083468	8N	0.05	1.03	10.6	4.6	1	60	0.3	0.06	0.2	7.6	18	17.8	2.56	3	0.06	0.05	21
1099305	412388	7083516	8N	0.05	0.79	13.4	4.3	1	56	0.2	0.05	0.05	6.5	20	14.1	2.45	4	0.05	0.05	17
1099306	412412	7083562	8N	0.05	1.09	15.6	1.6	2	80	0.3	0.11	0.2	13.3	20	30	2.74	3	0.05	0.06	19
1099307	412437	7083611	8N	0.2	1.06	20.9	18.2	2	187	0.2	0.25	0.5	16.1	22	43	3.71	3	0.06	0.06	20
1099308	412451	7083661	8N	0.2	1.01	7.9	3.8	2	174	0.2	0.15	0.2	8.9	20	25.5	2.46	3	0.05	0.06	15
1099309	412483	7083703	8N	0.05	1	10.6	2.6	1	72	0.2	0.1	0.05	9.1	21	25.3	2.86	3	0.05	0.07	16
1099310	412492	7083755	8N	0.1	0.99	7.2	2.3	1	128	0.2	0.19	0.1	9.6	21	29.6	2.72	3	0.03	0.08	26
1099311	412501	7083813	8N	0.1	0.54	105.3	4.1	2	119	0.3	0.15	0.2	28.3	14	53.5	7.71	2	0.1	0.08	21
1099312	412489	7083862	8N	0.2	0.54	23.2	6	2	45	0.4	0.25	0.1	19.2	9	46.5	4.29	2	0.03	0.12	57
1099313	412456	7083904	8N	0.1	0.62	17.7	2.5	3	54	0.4	0.53	0.2	16.2	11	37.8	3.95	2	0.04	0.1	39
1099314	412414	7083936	8N	0.2	0.44	17.5	3.2	1	59	0.6	0.14	0.2	15.3	9	39.3	3.28	1	0.03	0.1	45
1099315	412390	7083983	8N	0.2	0.63	14.1	10.7	2	106	0.3	0.35	0.1	11.8	15	31.3	3.04	2	0.04	0.1	26
1099316	412358	7084024	8N	0.3	1.1	17.4	3.8	2	164	0.4	0.48	0.4	13.8	31	35.4	3.78	3	0.07	0.1	18
1099317	412318	7084055	8N	0.3	0.54	31.4	5.7	1	78	0.5	0.17	0.4	14	16	39.4	3.96	1	0.02	0.1	36
1099318	412286	7084092	8N	0.2	0.87	15.7	0.9	1	122	0.6	0.14	0.2	13.5	19	36.3	3.8	2	0.04	0.1	33
1099319	412256	7084135	8N	0.2	0.98	18.4	22.9	2	95	0.4	0.14	0.2	12.1	29	24.5	3.32	3	0.05	0.09	28
1099320	412236	7084183	8N	0.2	0.9	18	4.1	1	121	0.4	0.15	0.4	15	19	40.5	3.25	3	0.04	0.09	33
1099321	412208	7084225	8N	0.3	1.07	13.7	0.8	1	150	0.5	0.14	0.9	13.9	22	31.3	3.21	3	0.05	0.07	25
1099322	412192	7084278	8N	0.2	1.59	13.9	8.6	0.5	180	0.3	0.48	0.4	21.9	78	42.7	4.41	5	0.04	0.32	21
1099323	412150	7084311	8N	0.2	1.87	12.6	4.3	2	264	0.4	0.37	0.2	21.8	65	40.3	4.76	6	0.07	0.27	23
1099324	412119	7084348	8N	0.2	1.78	10.1	6.7	2	170	0.4	0.41	0.3	23.4	137	40.9	4.69	6	0.05	0.26	34

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1099273	0.33	435	0.7	0.004	25	0.052	17.3	0.025	1	2.5	0.5	10	0.1	3	0.024	0.1	0.8	32	0.2	60
1099274	0.36	559	0.5	0.004	28.5	0.044	25.2	0.025	4.8	3	0.25	11	0.1	7.3	0.022	0.1	0.8	29	0.2	75
1099275	0.37	528	0.7	0.005	32.6	0.042	26.7	0.025	0.8	1.6	0.25	16	0.1	5.6	0.021	0.1	1.1	24	2.2	95
1099276	0.6	970	0.5	0.004	38.1	0.058	146	0.025	1.1	2	0.7	42	0.1	12.7	0.012	0.4	2.3	23	0.2	295
1099277	0.47	1070	1.1	0.008	38.1	0.09	82.2	0.06	0.9	1.5	0.25	20	0.1	4.5	0.019	0.2	2.4	35	0.2	226
1099278	0.48	1116	0.7	0.006	32.6	0.059	104.8	0.025	1.2	2.3	0.25	23	0.1	5.5	0.036	0.3	1.4	37	0.4	732
1099279	0.39	358	0.9	0.005	20.8	0.036	28.3	0.025	0.9	1.7	0.25	10	0.1	2.9	0.036	0.2	0.7	45	0.4	103
1099280	0.46	599	0.8	0.008	36.2	0.059	35	0.025	1	2.3	0.6	19	0.1	6.8	0.021	0.3	2.6	33	0.4	124
1099281	0.44	2336	0.8	0.008	37.2	0.057	64.9	0.025	2.1	2.8	0.25	33	0.1	15.4	0.035	0.4	2.3	30	1.9	880
1099283	0.64	4889	1.4	0.007	33.9	0.052	338.9	0.025	2	2.9	0.8	30	0.1	11.9	0.035	0.4	2.1	31	0.6	1124
1099285	0.39	505	1.1	0.025	14.4	0.086	34.9	0.1	0.6	1.5	0.25	23	0.1	1.1	0.027	0.3	0.9	33	0.3	149
1099286	0.44	2139	1.4	0.007	34	0.075	58.8	0.05	1	2.5	0.7	19	0.1	4.3	0.037	0.3	1.2	45	1.3	672
1099287	0.3	617	0.8	0.014	26.1	0.078	26.4	0.08	0.7	1.8	0.9	21	0.1	2.5	0.032	0.2	1.1	29	1.8	589
1099288	0.45	1414	1.2	0.016	31.8	0.057	69	0.08	1.5	2.8	0.9	28	0.1	5.9	0.037	0.2	1.6	36	1	506
1099293	0.36	543	0.8	0.005	41.7	0.069	19.1	0.025	0.9	1.9	0.25	14	0.1	7.4	0.028	0.05	1.3	30	0.3	68
1099294	0.34	1132	1	0.003	26.4	0.057	25.4	0.025	0.7	1.9	0.25	9	0.1	8.5	0.006	0.2	1	25	0.05	79
1099295	0.2	249	0.6	0.004	11.4	0.037	20	0.025	0.7	0.9	0.25	13	0.1	3.4	0.01	0.1	0.5	24	0.2	46
1099296	0.29	472	0.7	0.004	13.6	0.05	21.6	0.025	0.7	0.9	0.25	15	0.1	1.6	0.009	0.2	0.6	24	0.2	54
1099297	0.28	315	0.5	0.005	18.7	0.047	16.4	0.06	0.5	1.3	0.25	19	0.1	4.4	0.008	0.1	1.8	19	0.2	68
1099298	0.32	437	0.5	0.005	19.3	0.058	59.1	0.07	0.8	1.3	0.25	32	0.1	2.9	0.009	0.1	3.8	23	0.2	167
1099299	0.28	294	0.8	0.004	18.2	0.042	30.1	0.025	0.8	1.5	0.25	12	0.1	3.2	0.014	0.1	1	26	0.2	75
1099300	0.28	472	0.7	0.004	17.4	0.049	26.4	0.025	0.8	1	0.25	13	0.1	1.4	0.012	0.2	1.3	27	0.2	57
1099301	0.56	472	1.1	0.005	35	0.047	24.3	0.09	9.7	3.1	0.25	19	0.2	5.4	0.025	0.1	0.9	49	0.3	80
1099302	0.23	506	1.3	0.006	25.5	0.074	23.4	0.11	3.3	1.6	0.7	23	0.1	1.7	0.01	0.05	1.3	34	0.4	64
1099303	0.11	314	0.9	0.005	18.8	0.054	29.4	0.07	3.4	1.7	0.25	22	0.1	10.7	0.003	0.1	2.6	13	0.1	60
1099304	0.24	334	0.9	0.004	15.5	0.039	23.8	0.07	1.6	1.3	0.8	7	0.1	2.4	0.017	0.1	0.9	37	0.2	54
1099305	0.18	278	1.6	0.003	14.7	0.051	19.8	0.08	1.1	1.1	0.25	7	0.1	1.3	0.017	0.1	1	37	0.3	46
1099306	0.35	505	0.9	0.005	29	0.044	21.4	0.025	2.3	2.2	0.25	11	0.1	5.4	0.032	0.1	1	36	0.4	82
1099307	0.34	1224	1	0.006	36.6	0.128	33.9	0.025	7.3	5.2	0.9	28	0.1	8.9	0.03	0.1	1.2	39	0.3	103
1099308	0.34	319	0.8	0.005	20.8	0.049	13.9	0.025	1.9	3	0.6	14	0.1	4.3	0.027	0.05	0.8	34	0.2	61
1099309	0.29	299	1.2	0.004	23.6	0.053	11	0.025	3.6	1.6	0.25	11	0.1	1.2	0.015	0.1	0.6	36	0.1	55
1099310	0.42	305	0.9	0.005	28	0.068	10.6	0.025	1.7	2.7	0.25	21	0.1	5.8	0.026	0.05	0.8	31	0.2	65
1099311	0.13	1508	5.1	0.009	54.7	0.12	63.3	0.11	23.8	4.4	0.25	40	0.1	9.3	0.004	0.1	1.1	23	0.2	93
1099312	0.26	892	2.6	0.003	31.4	0.077	24	0.025	8.3	2.9	0.5	48	0.1	18	0.009	0.1	1.6	19	0.1	66
1099313	0.32	695	2.1	0.006	28	0.079	22.5	0.12	5.8	2.2	0.25	71	0.1	9.5	0.005	0.1	1.8	16	0.05	68
1099314	0.15	607	1.1	0.003	29.9	0.048	27.7	0.025	7.7	1.7	0.25	27	0.1	12.4	0.003	0.05	2.1	11	0.05	59
1099315	0.26	577	1.2	0.006	23.8	0.066	25.3	0.1	4.9	2	0.6	45	0.1	5.6	0.009	0.05	1.8	18	0.2	65
1099316	0.44	951	1.5	0.005	32	0.103	67.8	0.13	7.2	2.3	1.4	57	0.1	2.8	0.011	0.1	1.6	30	0.1	83
1099317	0.22	664	1.5	0.009	30.3	0.075	47.8	0.13	8.2	2.3	0.5	55	0.1	11.3	0.007	0.1	2.2	16	0.1	79
1099318	0.32	620	1.4	0.006	26	0.059	35.9	0.1	3.4	1.8	0.25	34	0.1	6.6	0.006	0.05	2.1	22	0.2	69
1099319	0.38	453	1.3	0.004	26.2	0.052	57.5	0.07	8.8	2.3	0.25	23	0.1	6.9	0.019	0.1	1.6	35	0.4	89
1099320	0.37	808	1.1	0.004	35.9	0.062	48.1	0.025	6.9	2.8	0.25	20	0.1	9.8	0.023	0.1	2.2	27	0.3	99
1099321	0.39	639	1.1	0.004	32.9	0.056	131.5	0.05	4	2.3	0.25	15	0.1	5.6	0.024	0.1	1.3	39	0.5	115
1099322	1.05	906	1.1	0.007	49.9	0.117	40.8	0.025	2.9	6.4	0.25	58	0.1	8.6	0.162	0.4	1.7	80	0.3	107
1099323	1	1516	1.5	0.017	42.2	0.073	50.2	0.06	2.3	6.1	0.9	50	0.1	7	0.104	0.4	2	80	0.3	107
1099324	1.13	1052	1.4	0.007	69.5	0.101	38.4	0.025	1.9	6	0.5	54	0.1	8.8	0.099	0.4	1.7	79	0.3	108

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1099325	412067	7084365	8N	0.2	1.69	13.7	3.9	1	208	0.4	0.12	0.05	13.6	45	29.7	3.67	5	0.05	0.09	25
1099327	412041	7084409	8N	0.1	1.13	12.1	24.9	2	149	0.3	0.24	0.8	12.4	30	26.6	3.09	3	0.06	0.08	23
1099328	412027	7084455	8N	0.05	0.58	4.5	0.25	2	45	0.2	0.05	0.05	2.6	14	9.5	1.17	4	0.06	0.04	10
1099329	412016	7084509	8N	0.2	1.24	11.7	7.1	1	196	0.6	0.25	0.3	17.2	29	40.4	3.44	4	0.04	0.11	29
1099351	414794	7083050	8N	0.05	1.48	13.1	0.9	2	94	0.2	0.07	0.2	13.2	35	25.1	2.68	4	0.04	0.03	18
1099352	414743	7083034	8N	0.05	1.39	11.5	5.7	1	77	0.3	0.05	0.1	7.7	25	19	2.54	4	0.03	0.03	18
1099353	414694	7083045	8N	0.05	1.2	12.2	6.7	0.5	57	0.3	0.05	0.1	8.1	21	24.5	2.58	4	0.02	0.03	19
1099354	414644	7083028	8N	0.05	1.08	10.5	1.1	0.5	58	0.2	0.04	0.2	8.3	23	23.7	2.55	4	0.03	0.03	18
1099355	414598	7083007	8N	0.05	1.26	12.3	5.3	0.5	74	0.2	0.05	0.2	9.7	22	20.8	2.65	4	0.04	0.03	15
1099356	414545	7083015	8N	0.2	1.28	11.2	2.9	0.5	59	0.2	0.08	0.2	9.5	23	20.2	2.65	4	0.03	0.04	15
1099357	414841	7083030	8N	0.05	1.33	13.3	2.7	2	91	0.2	0.05	0.1	10.2	25	27.3	2.46	4	0.05	0.03	17
1099358	414891	7083021	8N	0.05	0.91	15.7	3	0.5	61	0.5	0.03	0.05	21.4	16	52.2	3.96	3	0.03	0.04	37
1099359	414945	7083020	8N	0.05	1.32	12.4	3.8	0.5	73	0.2	0.07	0.1	7.8	21	15.2	2.29	5	0.04	0.02	11
1099360	414995	7083035	8N	0.05	1.27	10.8	3	1	59	0.3	0.05	0.2	7.4	19	21.1	2.58	4	0.04	0.03	14
1099361	415044	7083045	8N	0.05	1.48	11.9	4.8	2	83	0.3	0.04	0.3	17	21	48.8	3.87	4	0.02	0.06	37
1099362	415097	7083051	8N	0.05	1.17	12.8	1.5	1	45	0.3	0.04	0.1	5.1	19	16.8	2.81	4	0.04	0.03	15
1099363	415152	7083057	8N	0.05	1.08	10.9	13.3	1	58	0.2	0.08	0.05	5.8	18	12	2.74	4	0.05	0.03	11
1099364	415206	7083069	8N	0.05	1.3	13.3	2.5	0.5	53	0.2	0.04	0.1	5.9	18	15	2.62	4	0.04	0.02	11
1099365	415259	7083091	8N	0.1	1	11.6	1.9	1	92	0.2	0.11	0.2	7.4	19	20	2.2	4	0.04	0.03	13
1099366	415313	7083105	8N	0.05	1.09	11.7	2.9	0.5	64	0.1	0.07	0.1	6.8	19	13	2.51	4	0.02	0.02	9
1099367	415366	7083119	8N	0.05	1.34	11	2.2	0.5	102	0.2	0.08	0.1	9.1	20	21.8	2.32	4	0.04	0.03	13
1099368	415422	7083112	8N	0.05	1.28	10.5	2.2	0.5	89	0.2	0.05	0.05	5.9	22	14.7	2.25	5	0.02	0.02	12
1099369	415477	7083118	8N	0.05	1.23	12	4.9	0.5	93	0.2	0.11	0.2	9.4	20	18.8	2.15	3	0.03	0.03	12
1099370	415532	7083123	8N	0.05	1.04	11	4.2	0.5	83	0.1	0.12	0.1	7.5	17	14.5	2.13	3	0.02	0.03	10
1099371	415584	7083136	8N	0.05	1.38	10.4	1.9	0.5	99	0.3	0.07	0.1	6.5	21	19.5	2.49	4	0.03	0.03	18
1099372	415636	7083138	8N	0.05	1.11	10.6	5.3	0.5	59	0.2	0.07	0.2	5.8	18	20.5	2.65	3	0.02	0.03	14
1099373	415686	7083149	8N	0.05	1.37	12.2	11.7	0.5	68	0.2	0.06	0.1	9.2	24	16.8	2.48	4	0.04	0.03	11
1099374	415735	7083134	8N	0.05	1.22	11.5	1.8	0.5	64	0.3	0.04	0.1	5.7	23	11.9	2.7	5	0.03	0.03	12
1099375	415786	7083130	8N	0.05	1.38	13	1.8	1	86	0.2	0.05	0.1	9	23	16.8	2.68	4	0.03	0.03	15
1099376	415837	7083123	8N	0.05	1.31	11	2.2	1	67	0.2	0.06	0.1	6.7	22	13.5	2.37	4	0.05	0.03	14
1099377	415888	7083118	8N	0.05	1.34	15.2	2.3	1	58	0.2	0.05	0.1	7.6	22	13.7	2.56	4	0.04	0.03	16
1099378	415939	7083117	8N	0.05	1.28	11.2	2.1	1	69	0.2	0.07	0.1	6.4	21	12.5	2.2	4	0.04	0.03	13
1099379	415987	7083134	8N	0.05	1.41	11.4	1.6	2	78	0.2	0.07	0.2	8.1	23	10.9	2.3	4	0.04	0.03	13
1099380	416034	7083151	8N	0.05	1.13	11.7	1.7	1	69	0.2	0.09	0.1	8.9	19	16	2.24	3	0.04	0.03	13
1099382	416083	7083143	8N	0.05	1.36	10.7	1.5	2	69	0.3	0.06	0.2	7.1	23	16.4	2.48	4	0.05	0.04	17
1099384	416123	7083175	8N	0.05	1.86	12	1.8	2	150	0.2	0.1	0.2	11.8	27	19.8	2.62	4	0.04	0.04	14
1099401	410589	7083203	8N	0.2	1.12	10.7	4.2	1	185	0.2	0.18	0.2	10.9	28	33.8	3.1	3	0.04	0.06	18
1099402	410539	7083206	8N	0.1	1.26	10.9	4.8	0.5	192	0.2	0.16	0.4	8.2	26	28.1	2.54	4	0.04	0.05	17
1099403	410486	7083210	8N	0.1	1.26	9.5	1.2	1	113	0.2	0.19	0.2	8.3	22	28.5	2.42	3	0.04	0.06	18
1099404	410434	7083219	8N	0.2	0.97	12.6	5.5	0.5	182	0.2	0.19	0.3	10.6	22	37.2	3.2	3	0.04	0.07	19
1099405	410382	7083215	8N	0.2	0.85	33.3	5.6	1	161	0.1	0.23	0.2	10.9	18	29.4	2.99	3	0.04	0.05	17
1099406	410331	7083203	8N	0.1	1.19	15.1	4.7	0.5	104	0.2	0.11	0.3	14.1	22	33.7	3.07	3	0.06	0.05	18
1099407	410281	7083188	8N	0.05	1.16	10.3	2.4	1	103	0.2	0.12	0.2	9.7	22	20.5	2.6	4	0.03	0.04	15
1099408	410231	7083173	8N	0.1	2.44	11.5	7	0.5	111	0.2	0.28	0.1	34.8	59	131.1	6.78	7	0.01	0.13	19
1099409	410184	7083157	8N	0.1	1.92	13.5	5.5	0.5	134	0.2	0.15	0.2	26.5	51	105.3	5.18	6	0.04	0.1	21
1099410	410134	7083142	8N	0.2	2.67	5.1	6.1	0.5	120	0.2	0.18	0.2	39.1	60	194.9	5.93	9	0.005	0.07	21

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1099325	0.56	587	1.6	0.006	30.7	0.062	38.9	0.025	1.5	3.4	0.25	14	0.1	3.5	0.033	0.2	1.5	57	0.3	75
1099327	0.42	602	1.3	0.006	33.5	0.088	20.5	0.025	1.6	2.5	0.25	23	0.1	5.6	0.039	0.1	1.3	45	0.9	88
1099328	0.06	109	1.7	0.005	7.9	0.059	10.8	0.1	0.5	1	1.3	7	0.1	0.2	0.019	0.05	0.6	36	0.2	21
1099329	0.52	909	1.3	0.005	32.9	0.085	36.5	0.025	3.5	3.4	0.25	32	0.1	5.8	0.032	0.1	1.6	47	0.4	103
1099351	0.49	433	1.1	0.005	29.3	0.065	15.2	0.025	0.9	2.2	0.6	9	0.1	4	0.028	0.05	1.3	40	0.2	70
1099352	0.38	309	1.1	0.004	17.3	0.051	14.8	0.025	0.7	1.4	0.25	8	0.1	1.5	0.024	0.1	1.2	41	0.1	57
1099353	0.39	297	1.1	0.003	18.9	0.049	14.1	0.025	0.7	1.1	0.6	7	0.1	2	0.022	0.05	1.1	34	0.3	59
1099354	0.34	264	1	0.003	17.7	0.041	12.3	0.025	0.7	1.2	0.9	7	0.1	1.5	0.019	0.05	1.2	33	0.2	56
1099355	0.35	341	1.1	0.004	18.5	0.052	12.8	0.025	0.7	1.3	0.7	7	0.1	1.3	0.021	0.05	1.4	37	0.2	62
1099356	0.38	376	1.3	0.004	19.8	0.052	16.7	0.025	0.7	1.1	0.25	8	0.1	1.2	0.022	0.05	1.2	41	0.2	66
1099357	0.43	318	0.8	0.004	25.5	0.04	14	0.025	0.9	1.7	0.25	8	0.1	2.6	0.024	0.05	1.3	36	0.2	54
1099358	0.26	343	1.8	0.003	30.4	0.051	41.1	0.025	1.8	1.4	0.9	6	0.1	7.5	0.009	0.05	2.1	23	0.05	86
1099359	0.3	273	1.2	0.004	15.8	0.055	13.4	0.025	0.7	1	0.6	7	0.1	0.4	0.02	0.05	0.8	45	0.2	53
1099360	0.34	234	1	0.004	16.7	0.039	15.2	0.025	0.6	1.3	0.9	6	0.1	2.1	0.019	0.05	0.8	36	0.2	50
1099361	0.45	300	1.1	0.005	29.6	0.044	15.3	0.025	0.7	1.7	0.25	15	0.1	16	0.024	0.05	2.3	31	0.05	68
1099362	0.27	162	0.8	0.003	13.2	0.03	16.3	0.025	0.8	1.3	0.25	7	0.1	3.9	0.026	0.05	0.6	39	0.2	41
1099363	0.26	173	0.9	0.004	12.9	0.044	14.3	0.025	0.6	1	0.9	8	0.1	1.9	0.022	0.05	0.5	37	0.2	38
1099364	0.22	150	0.9	0.003	13.4	0.03	12.6	0.025	0.7	1.3	1	5	0.1	4.3	0.02	0.05	0.6	36	0.2	39
1099365	0.3	259	0.8	0.004	19.8	0.058	11.4	0.025	0.7	1.4	1.1	9	0.1	2.5	0.024	0.05	0.7	36	0.3	51
1099366	0.28	226	0.7	0.004	14.9	0.044	10.8	0.025	0.7	1.1	0.6	7	0.1	1.2	0.016	0.05	0.5	35	0.2	42
1099367	0.34	242	1	0.004	20	0.055	12.5	0.025	0.7	1.4	0.7	10	0.1	1.7	0.019	0.05	0.8	34	0.2	51
1099368	0.32	179	0.9	0.003	13.2	0.042	12	0.025	0.6	1.2	0.7	6	0.1	0.8	0.019	0.05	0.7	40	0.2	45
1099369	0.33	358	0.9	0.004	20.2	0.061	12.7	0.025	0.7	1.5	0.6	10	0.1	2.8	0.021	0.05	0.6	34	0.2	57
1099370	0.29	265	0.7	0.004	17	0.054	10.1	0.025	0.7	1.3	0.25	10	0.1	2.3	0.018	0.05	0.5	29	0.2	45
1099371	0.35	233	1	0.005	12.6	0.052	15.2	0.025	0.7	1.7	0.8	10	0.1	4.4	0.019	0.05	1.2	36	0.2	45
1099372	0.27	146	0.9	0.003	15.2	0.042	15.8	0.025	0.9	1.6	0.25	8	0.1	7	0.022	0.05	0.9	31	0.2	42
1099373	0.35	295	1	0.004	17.8	0.044	11.3	0.025	0.8	1.2	0.7	7	0.1	0.8	0.022	0.05	0.7	41	0.2	54
1099374	0.31	210	1	0.004	12.1	0.031	14	0.025	0.7	1.4	0.25	6	0.1	2	0.022	0.05	0.8	45	0.2	42
1099375	0.36	285	0.8	0.004	15.8	0.045	15.2	0.025	0.9	1.6	0.25	9	0.1	2.6	0.025	0.05	1.1	41	0.2	51
1099376	0.33	261	0.9	0.004	14.1	0.037	12.7	0.025	0.6	1.4	0.25	8	0.1	1.9	0.026	0.05	0.8	37	0.2	44
1099377	0.28	202	1.1	0.004	14.8	0.035	13.5	0.025	1.4	1.2	0.5	7	0.1	1.5	0.021	0.05	0.9	38	0.2	44
1099378	0.34	247	0.7	0.004	14.7	0.041	12.5	0.025	0.7	1.8	0.25	8	0.1	2.6	0.029	0.05	0.8	38	0.2	44
1099379	0.37	301	0.8	0.004	13.6	0.04	11.1	0.025	0.7	1.8	0.7	8	0.1	2.5	0.029	0.05	0.8	39	0.2	45
1099380	0.34	249	0.7	0.003	18.7	0.04	11.2	0.025	0.8	1.7	0.25	8	0.1	3.2	0.024	0.05	0.8	30	0.2	49
1099382	0.35	240	1	0.004	13.8	0.036	16	0.025	0.7	1.7	0.25	9	0.1	3.2	0.029	0.05	1.1	38	0.2	48
1099384	0.46	389	1.1	0.007	18.6	0.06	13.1	0.025	0.7	2.3	0.5	12	0.1	2.8	0.028	0.05	1.2	44	0.2	61
1099401	0.39	429	1.1	0.007	31.6	0.052	16.7	0.025	2.3	3	0.25	18	0.1	5	0.034	0.1	0.9	38	0.1	78
1099402	0.41	286	0.9	0.006	25.7	0.065	12.9	0.025	1.4	2.7	0.25	13	0.1	2.9	0.03	0.1	0.8	44	0.2	67
1099403	0.4	239	0.9	0.006	24.1	0.068	11.2	0.025	1.7	2.8	0.6	15	0.1	4.1	0.034	0.05	0.8	37	0.2	71
1099404	0.32	469	1	0.006	27.7	0.067	21.9	0.025	5.3	3	0.25	17	0.1	5.5	0.026	0.05	0.7	34	0.1	107
1099405	0.29	530	1.1	0.006	25.9	0.071	19	0.025	6.9	2.6	0.25	22	0.1	4.3	0.019	0.05	0.7	29	0.1	82
1099406	0.33	453	1	0.004	28.8	0.055	16.9	0.025	4.7	2.3	0.25	11	0.1	4.7	0.016	0.1	0.8	33	0.2	123
1099407	0.33	376	1	0.005	23.1	0.045	16.6	0.1	1.5	1.7	0.25	11	0.1	2.7	0.022	0.1	0.6	40	0.2	76
1099408	1.45	1159	0.8	0.003	75.9	0.068	12	0.025	3.5	5.4	0.25	18	0.1	6	0.058	0.2	0.7	93	0.05	101
1099409	1.01	844	0.8	0.004	58.5	0.056	17.3	0.05	6.3	5.4	0.25	12	0.1	4.9	0.033	0.2	0.9	77	0.1	94
1099410	1.65	914	0.4	0.003	75.5	0.059	8.6	0.025	0.9	6.5	0.25	11	0.1	7	0.021	0.05	0.5	86	0.05	77

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1099411	410085	7083124	8N	0.1	1.91	8.8	4.4	0.5	100	0.2	0.2	0.2	21.3	48	104.2	4.05	6	0.05	0.04	17
1099412	410035	7083112	8N	0.1	1.72	5.1	4.5	0.5	90	0.1	0.15	0.1	26.4	51	124.1	4.97	6	0.03	0.03	16
1099413	409985	7083096	8N	0.05	1.68	9.7	3.9	1	125	0.1	0.13	0.1	18.3	40	74.2	4.02	6	0.04	0.04	14
1099414	409934	7083082	8N	0.1	1.43	9.1	4.6	1	120	0.2	0.13	0.1	15	32	76.6	3.71	4	0.04	0.04	14
1099415	409886	7083063	8N	0.05	1.25	5.5	15.9	1	93	0.2	0.17	0.1	25.4	33	104.1	4.8	4	0.03	0.07	17
1099416	409845	7083032	8N	0.05	1.32	9.6	2.9	1	121	0.2	0.11	0.05	13.8	28	48.6	3.03	4	0.04	0.04	13
1099417	409824	7082985	8N	0.05	1.39	10.6	3	0.5	110	0.2	0.09	0.05	10.5	27	36.4	3.19	5	0.04	0.04	15
1099418	409805	7082936	8N	0.05	1.09	11.2	3.7	1	77	0.3	0.08	0.05	9.8	20	32	2.38	3	0.03	0.04	21
1099419	409786	7082888	8N	0.05	1.23	10.2	1.6	0.5	91	0.2	0.11	0.05	8.9	30	28.3	2.81	4	0.02	0.03	18
1099420	409758	7082846	8N	0.2	1.53	10.6	3.2	0.5	114	0.4	0.12	0.1	10.8	44	42.2	3.4	5	0.02	0.04	27
1099421	409742	7082797	8N	0.05	1.15	9.5	2.6	1	72	0.3	0.09	0.1	7.6	26	25.7	2.66	4	0.02	0.03	21
1099422	409728	7082749	8N	0.05	1.16	9.1	1.6	0.5	91	0.2	0.08	0.1	8.1	23	27.7	2.76	4	0.03	0.04	23
1099423	409720	7082699	8N	0.2	1.27	8.3	2.9	0.5	100	0.3	0.09	0.05	8	27	32.6	2.95	4	0.03	0.03	26
1099424	409696	7082652	8N	0.05	1.2	8.4	2.8	0.5	62	0.3	0.07	0.05	7.2	23	23	2.69	4	0.04	0.03	24
1099425	409678	7082604	8N	0.05	1.23	8.6	6.4	0.5	68	0.2	0.08	0.1	8.1	25	28.7	2.85	4	0.02	0.04	30
1099427	409633	7082580	8N	0.05	1.19	8.2	3.1	0.5	74	0.2	0.11	0.05	6.1	27	19.4	2.19	4	0.02	0.03	19
1099428	409581	7082577	8N	0.05	1.32	8.2	7.7	0.5	98	0.2	0.12	0.05	8.8	36	31.4	2.61	4	0.03	0.03	26
1099429	409531	7082580	8N	0.05	1.36	9.3	6.9	0.5	104	0.2	0.13	0.1	9.6	38	32.1	2.66	4	0.01	0.04	25
1099430	409479	7082582	8N	0.05	1.24	8.9	2.7	0.5	69	0.3	0.07	0.05	7	25	26	2.83	4	0.03	0.04	29
1099431	409428	7082587	8N	0.05	1.34	9.3	2.1	0.5	82	0.2	0.08	0.05	8.8	53	28.1	2.79	4	0.02	0.03	29
1099432	409382	7082591	8N	0.05	1.07	8.3	10.4	0.5	107	0.2	0.1	0.1	8.4	21	31.5	2.68	3	0.02	0.03	26
1099433	409333	7082594	8N	0.1	1.24	8.9	2.8	0.5	124	0.2	0.11	0.2	20.8	21	35.2	2.89	3	0.03	0.04	32
1099434	416925	7079820	8N	0.2	1.31	16.5	3.2	0.5	64	0.5	0.07	0.2	10.4	25	47.1	3.39	4	0.06	0.04	22
1099435	416876	7079830	8N	1.5	1.6	26.1	3.1	0.5	133	0.4	0.09	0.6	21.4	27	54.4	4.04	5	0.09	0.05	21
1099436	416826	7079831	8N	3.2	1.25	19.5	5.9	1	68	0.3	0.07	1.9	15.1	24	33.6	3.33	4	0.08	0.04	19
1099437	416774	7079838	8N	1.1	1.06	22	6.6	1	148	0.3	0.26	0.7	13.7	18	36.8	2.89	3	0.06	0.04	29
1099438	416726	7079821	8N	2.4	1.14	42.3	4.9	1	129	0.3	0.1	1.2	11.1	19	32.8	2.74	3	0.06	0.04	24
1099439	416673	7079813	8N	0.1	1.24	15	3	0.5	79	0.2	0.08	0.3	11	19	24.1	2.43	3	0.03	0.03	19
1099440	416628	7079791	8N	0.7	1.12	353.5	24.7	3	64	0.5	0.04	0.4	22.2	16	44.8	3.6	3	0.03	0.05	36
1099441	416577	7079795	8N	0.5	1.33	38.9	9.2	1	63	1.1	0.07	0.3	28.5	19	61.1	3.99	4	0.03	0.03	29
1099442	416527	7079803	8N	0.05	1.21	11.1	7	0.5	93	0.1	0.11	0.1	7.3	19	13.5	2.13	3	0.03	0.03	14
1099443	416476	7079799	8N	0.05	1.19	88	10.5	1	67	0.3	0.1	0.2	9.2	20	28.7	2.85	3	0.06	0.04	23
1099444	416426	7079796	8N	0.1	0.96	12.9	1.5	0.5	60	0.2	0.08	0.1	5.3	17	14	2.12	3	0.05	0.03	12
1099445	416375	7079781	8N	0.05	1.59	14.3	2.3	1	96	0.2	0.1	0.1	7.1	26	18.1	2.63	5	0.03	0.04	17
1099446	416327	7079797	8N	0.05	1.08	12.5	2	2	55	0.2	0.08	0.1	6	17	15.8	2	3	0.03	0.03	11
1099447	416281	7079818	8N	0.05	1.13	34.3	5.3	2	67	0.2	0.11	0.2	10.6	20	22.4	2.4	4	0.07	0.04	15
1099448	416253	7079862	8N	0.05	1.04	14.8	16.8	2	57	0.2	0.09	0.2	7	20	23.8	2.48	3	0.04	0.03	16
1099449	416225	7079906	8N	0.05	0.96	17	3.4	0.5	51	0.3	0.06	0.1	6.3	18	13.6	2.3	5	0.04	0.03	14
1099451	414552	7083992	8N	0.05	1.44	5.1	0.5	0.5	47	0.4	0.05	0.1	23.4	17	53.1	3.74	4	0.005	0.04	20
1099452	414570	7083946	8N	0.05	1.23	7.3	2.2	0.5	48	0.5	0.05	0.05	9.8	19	34.1	3.12	4	0.04	0.04	14
1099453	414594	7083903	8N	0.05	0.99	7.4	7.1	0.5	47	0.4	0.05	0.2	13.5	16	36	2.84	3	0.02	0.03	13
1099454	414585	7083854	8N	0.1	1.09	9.9	1.1	0.5	91	0.2	0.07	0.2	17.2	21	30.4	2.68	3	0.05	0.04	15
1099455	414578	7083805	8N	0.05	0.84	8.9	8.2	1	56	0.2	0.06	0.1	5.7	16	16.9	2.05	3	0.03	0.02	9
1099456	414552	7083763	8N	0.05	1.37	12.1	1.4	0.5	137	0.2	0.07	0.2	11.2	23	19.5	2.46	4	0.03	0.03	14
1099457	414544	7083715	8N	0.05	1.17	9.4	3.2	1	83	0.3	0.05	0.1	11.3	18	26.9	2.53	3	0.04	0.03	17
1099458	414532	7083666	8N	0.05	1.05	9.9	1.2	0.5	57	0.2	0.05	0.1	7.5	17	20.5	2.15	3	0.03	0.03	13

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1099411	0.96	698	0.7	0.004	46	0.055	10.6	0.025	0.7	4.6	0.25	13	0.1	5.3	0.02	0.05	0.5	68	0.1	59
1099412	0.97	793	0.7	0.003	61.9	0.048	9.7	0.025	0.7	5.9	0.25	11	0.1	5.5	0.009	0.05	0.6	64	0.05	65
1099413	0.78	744	0.6	0.004	34.9	0.054	11.1	0.025	0.7	4	0.6	10	0.1	2.6	0.014	0.05	0.6	64	0.1	59
1099414	0.6	534	0.7	0.004	36.3	0.052	8.8	0.025	5.8	3.8	0.25	9	0.1	2.6	0.01	0.05	0.7	49	0.1	61
1099415	0.59	692	0.6	0.004	50.3	0.055	10	0.025	2	4.4	0.25	10	0.1	4.7	0.008	0.1	0.6	51	0.05	68
1099416	0.52	392	0.7	0.003	30.1	0.045	9.9	0.025	1.3	2.6	0.25	8	0.1	2.7	0.013	0.1	0.5	44	0.2	52
1099417	0.45	314	0.9	0.003	23	0.054	11.7	0.025	2.1	2	0.25	8	0.1	1.7	0.01	0.1	0.5	48	0.2	48
1099418	0.38	137	0.5	0.003	19.6	0.026	16.5	0.06	4.5	1.8	0.25	6	0.1	5.4	0.004	0.1	0.5	33	0.1	49
1099419	0.48	224	0.9	0.004	25.1	0.042	13.8	0.06	1.1	1.7	0.25	10	0.1	3.8	0.019	0.05	0.9	41	0.2	49
1099420	0.66	270	1.3	0.005	32.9	0.065	23.3	0.06	1.4	1.8	0.25	14	0.1	3.9	0.013	0.05	1.6	39	0.1	61
1099421	0.45	223	1.1	0.004	21.2	0.049	16.7	0.05	1.1	1.5	0.25	10	0.1	3.5	0.017	0.05	1.2	36	0.1	55
1099422	0.42	237	1	0.004	20.8	0.046	17.9	0.09	1.1	1.9	0.25	10	0.1	4	0.017	0.05	1.5	29	0.1	56
1099423	0.53	265	1.2	0.003	25.5	0.05	20.7	0.025	0.9	1.7	0.25	12	0.1	6.6	0.012	0.05	1.7	28	0.1	62
1099424	0.44	205	0.8	0.004	18.5	0.043	15.2	0.07	0.8	1.5	0.25	9	0.1	2.5	0.015	0.05	1.2	31	0.1	53
1099425	0.49	209	1.1	0.004	23.8	0.051	15.8	0.025	0.8	1.4	0.25	10	0.1	3.4	0.017	0.05	1.4	33	0.1	63
1099427	0.41	174	1	0.004	19.4	0.049	11.9	0.025	1	1.2	0.25	9	0.1	1.7	0.018	0.05	1	36	0.1	51
1099428	0.54	217	0.9	0.004	29.6	0.058	14.2	0.025	1.3	1.6	0.25	11	0.1	2.6	0.015	0.05	1.3	35	0.1	58
1099429	0.56	235	0.8	0.004	29.7	0.057	14.6	0.025	1.6	2	0.25	12	0.1	4.1	0.021	0.05	1.3	37	0.2	61
1099430	0.43	166	1	0.003	21.8	0.042	17.2	0.025	2.1	1.5	0.25	10	0.1	5	0.012	0.1	1.3	32	0.1	60
1099431	0.6	199	0.9	0.004	33.8	0.043	16	0.025	1.4	1.7	0.25	10	0.1	5.3	0.012	0.05	1.2	35	0.1	60
1099432	0.45	235	0.9	0.004	21.7	0.046	16.9	0.025	1.7	1.7	0.25	11	0.1	8.2	0.015	0.05	1.5	27	0.1	64
1099433	0.47	487	1	0.004	32.9	0.054	19.8	0.025	2.1	2	0.25	13	0.1	8.9	0.017	0.05	1.6	30	0.1	71
1099434	0.44	428	1	0.005	26.1	0.063	28.6	0.025	1.6	1.3	0.25	10	0.1	3.4	0.016	0.05	2.6	35	0.3	76
1099435	0.51	1039	1	0.006	40.6	0.07	112.1	0.025	1.9	1.7	0.25	11	0.1	5.9	0.012	0.1	2.9	32	0.2	138
1099436	0.38	954	1.1	0.007	29.3	0.044	391.8	0.025	2.8	1.8	0.25	8	0.1	5.5	0.025	0.1	1.7	39	0.3	305
1099437	0.39	1001	0.7	0.007	36	0.057	36.2	0.025	1.1	2.7	0.25	14	0.1	7.9	0.023	0.1	1	26	0.2	114
1099438	0.37	581	0.7	0.005	31.2	0.044	72.9	0.025	2.4	2	0.25	9	0.1	7.5	0.017	0.1	1.2	29	0.2	143
1099439	0.34	459	0.7	0.004	27.3	0.037	22.7	0.025	1.2	1.5	0.25	7	0.1	5	0.013	0.05	0.8	27	0.2	62
1099440	0.33	445	0.9	0.004	37.3	0.041	38.9	0.05	8.6	1.5	0.5	9	0.1	10	0.006	0.1	1.6	19	0.1	95
1099441	0.44	966	0.8	0.003	51.3	0.05	80.5	0.05	3	1.7	0.25	7	0.1	10.5	0.006	0.1	1.7	20	0.05	113
1099442	0.3	251	0.7	0.005	17.6	0.048	10.7	0.025	0.6	1.5	0.25	9	0.1	2.2	0.02	0.05	0.6	32	0.2	43
1099443	0.32	336	0.7	0.004	21.8	0.048	19.3	0.025	0.8	1.2	0.25	10	0.1	3.8	0.021	0.05	1.2	28	0.4	57
1099444	0.25	202	0.8	0.004	12.6	0.041	13.6	0.025	0.7	1.2	0.25	8	0.1	1.7	0.025	0.05	0.6	35	0.2	37
1099445	0.38	232	1.2	0.005	18.7	0.06	14.1	0.025	0.7	1	0.25	10	0.1	0.7	0.02	0.1	0.9	49	0.2	54
1099446	0.29	230	0.6	0.003	14.6	0.043	10.5	0.025	0.7	1.3	0.25	7	0.1	2.7	0.021	0.05	0.6	29	0.2	50
1099447	0.33	373	1	0.006	22.9	0.059	15	0.025	0.8	1.5	0.25	11	0.1	2.1	0.026	0.05	1.1	38	0.3	66
1099448	0.32	227	1	0.005	18.5	0.064	17.1	0.025	0.7	0.8	0.25	9	0.1	1	0.018	0.05	1.2	35	0.5	58
1099449	0.25	300	1	0.004	13.9	0.048	18.5	0.025	0.7	0.9	0.8	7	0.1	1.7	0.02	0.05	0.8	41	0.2	46
1099451	0.68	519	0.6	0.003	54	0.042	22.6	0.025	1.5	1	0.25	11	0.1	18	0.002	0.05	2.7	13	0.05	96
1099452	0.42	265	1.2	0.006	23.7	0.084	27.3	0.08	1.4	0.5	0.25	11	0.1	2	0.005	0.05	1.8	22	0.05	66
1099453	0.41	250	0.9	0.005	23.8	0.044	25	0.025	1.1	1	0.25	17	0.1	8.2	0.011	0.05	1.9	21	0.2	65
1099454	0.34	631	1	0.006	34.7	0.055	20.4	0.025	2.1	1.1	0.25	10	0.1	4.3	0.012	0.05	1.9	24	0.1	70
1099455	0.25	171	0.8	0.004	16.4	0.041	10.5	0.025	0.7	0.8	0.6	7	0.1	1.1	0.013	0.05	0.8	29	0.2	41
1099456	0.39	456	0.9	0.005	23.9	0.039	13.6	0.025	0.9	1.5	0.25	8	0.1	1.9	0.015	0.05	0.8	38	0.2	66
1099457	0.36	267	0.9	0.006	23.2	0.038	19.1	0.025	0.7	1.3	0.25	11	0.1	3.7	0.013	0.05	1.3	28	0.1	62
1099458	0.3	262	0.7	0.004	17.5	0.037	11.5	0.025	0.7	1	0.25	7	0.1	1.5	0.014	0.05	0.9	30	0.1	48

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1099459	414513	7083621	8N	0.05	1.05	9.9	2.1	0.5	69	0.2	0.05	0.1	7.7	20	19.2	2.21	3	0.04	0.03	12
1099460	414487	7083577	8N	0.05	1.13	11.4	3.8	0.5	59	0.2	0.06	0.1	10.3	20	25.9	2.67	4	0.03	0.03	19
1099461	414487	7083526	8N	0.05	0.97	9.5	1.3	0.5	56	0.2	0.05	0.1	8.5	22	20.3	2.14	3	0.04	0.03	13
1099462	414479	7083477	8N	0.05	1.05	9.7	0.7	0.5	71	0.2	0.06	0.05	10.1	23	31.9	2.27	3	0.02	0.03	17
1099463	414468	7083428	8N	0.05	1.07	11.7	2.2	0.5	67	0.3	0.04	0.1	9	18	32.1	2.78	3	0.04	0.03	30
1099464	414458	7083379	8N	0.05	1.38	11	1.9	0.5	76	0.4	0.05	0.2	16.1	18	37.1	2.89	3	0.04	0.04	24
1099465	414445	7083331	8N	0.05	0.91	8.8	1.7	0.5	94	0.2	0.06	0.1	23.7	21	40	3.1	3	0.03	0.04	25
1099466	414431	7083283	8N	0.05	0.98	12.1	1.3	0.5	86	0.2	0.13	0.1	17.9	34	33.1	2.3	3	0.03	0.02	12
1099467	414418	7083235	8N	0.05	1.46	11.1	0.9	0.5	93	0.3	0.08	0.1	13.2	29	38.7	2.89	4	0.02	0.03	29
1099468	414411	7083185	8N	0.05	1.48	9.3	1.6	0.5	77	0.5	0.05	0.1	16.2	20	39.4	3	4	0.02	0.04	33
1099469	414394	7083136	8N	0.05	1.18	10.9	2.1	0.5	64	0.2	0.05	0.1	7.8	18	21.7	2.26	3	0.04	0.03	17
1099470	414383	7083086	8N	0.05	0.94	10.3	1.1	0.5	43	0.1	0.08	0.1	5.9	16	15.7	2.08	3	0.05	0.03	13
1099471	414361	7083040	8N	0.05	0.9	10.1	0.5	0.5	61	0.2	0.06	0.1	6.4	17	19.4	2.29	4	0.06	0.04	19
1099472	414335	7082997	8N	0.05	1.24	9.2	3.5	0.5	52	0.3	0.06	0.1	20.9	17	34.9	2.86	3	0.02	0.04	31
1099473	414318	7082951	8N	0.05	1.04	13.1	4.4	0.5	47	0.3	0.06	0.2	8.1	20	22.8	2.67	5	0.04	0.04	24
1099474	414298	7082903	8N	0.05	1.09	12.4	5.1	0.5	52	0.3	0.04	0.2	8.4	17	22.1	2.41	4	0.05	0.04	19
1099475	414282	7082856	8N	0.2	0.78	10.3	3.1	0.5	51	0.3	0.04	0.1	3.4	13	21.3	2.14	4	0.14	0.04	21
1099476	414250	7082817	8N	0.05	1.04	8.7	0.7	0.5	57	0.2	0.04	0.1	6.8	17	22.3	2.25	3	0.04	0.02	16
1099477	414171	7082755	8N	0.05	0.75	9.5	2	0.5	42	0.2	0.03	0.05	5.8	13	13.2	1.93	3	0.04	0.02	11
1099478	414130	7082726	8N	0.05	1.11	10.8	2.6	0.5	68	0.3	0.04	0.1	9	17	24.6	2.62	3	0.03	0.03	23
1099479	414061	7082656	8N	0.05	1.35	16.1	1.6	0.5	63	0.4	0.05	0.1	8.6	19	36.2	3.3	4	0.05	0.06	50
1099480	414025	7082619	8N	0.05	1.28	7.8	3.5	0.5	82	0.7	0.02	0.05	6.5	19	50.3	3.92	4	0.01	0.04	48
1099481	413991	7082582	8N	0.05	0.87	8.5	3.1	0.5	35	1	0.03	0.05	7.4	18	45.5	4	3	0.03	0.03	39
1099482	413979	7082534	8N	0.05	1.39	11.6	3.4	1	66	0.4	0.05	0.1	7.6	21	32.6	3.13	4	0.03	0.04	35
1099485	414207	7082789	8N	0.05	0.92	9.8	1.2	0.5	38	0.3	0.03	0.05	4.3	15	17.4	2.49	4	0.03	0.02	16
1099486	414100	7082685	8N	0.05	1.16	9.5	6	2	60	0.2	0.09	0.05	10	19	17.4	2.28	3	0.04	0.04	18
1110501	415443	7088509	8N	0.5	1.79	13.3	1.2	2	186	0.5	0.13	0.1	6.2	23	41.2	4.19	5	0.02	0.07	43
1110502	415450	7088560	8N	0.6	0.6	18	2.5	0.5	51	0.8	0.07	0.6	11.1	3	39	3.89	1	0.03	0.06	37
1110503	415459	7088609	8N	0.1	1.26	12.8	11.2	1	70	0.4	0.06	0.2	12.1	21	20.5	2.57	4	0.04	0.03	20
1110504	415466	7088660	8N	0.05	1.02	9	2.4	0.5	54	0.2	0.08	0.2	5.9	17	22.9	2.08	3	0.04	0.03	18
1110505	415474	7088711	8N	0.1	1.5	11.5	3.6	2	183	0.3	0.1	0.2	11.3	29	25.5	2.74	4	0.07	0.05	20
1110506	415487	7088760	8N	0.1	1.64	9.3	1.6	3	156	0.2	0.11	0.3	11.2	55	14	2.67	5	0.03	0.08	17
1110507	415499	7088810	8N	0.1	1.15	10.4	3.5	0.5	116	0.3	0.12	0.3	11.3	26	29.9	2.56	3	0.02	0.05	23
1110508	415538	7088841	8N	0.05	1.16	11	1.3	2	56	0.2	0.07	0.2	8.3	26	18.1	2.6	4	0.04	0.04	16
1110509	415582	7088870	8N	0.5	1.18	28.4	2.4	1	80	0.5	0.07	0.4	19	19	46.2	3.29	3	0.03	0.04	37
1110510	415629	7088893	8N	0.1	1.1	10.9	15.3	1	99	0.2	0.1	0.2	9.7	22	22.4	2.32	4	0.04	0.04	17
1110511	415678	7088911	8N	0.05	1.28	11.1	5.9	0.5	86	0.2	0.12	0.3	12.3	24	22.6	2.44	3	0.03	0.05	19
1110513	415728	7088932	8N	0.05	1.15	9.6	3.5	2	89	0.2	0.1	0.2	7.4	23	16.9	2.06	3	0.04	0.03	17
1110514	415770	7088962	8N	0.05	1.3	8.6	7.4	2	100	0.2	0.12	0.3	10.3	26	19.8	2.4	3	0.03	0.05	20
1110515	415804	7089002	8N	0.05	1.08	7.8	3	1	97	0.2	0.07	0.05	4.2	21	14.4	1.8	3	0.04	0.03	15
1110516	415832	7089049	8N	0.05	1.08	8.1	2.4	1	95	0.2	0.08	0.1	4.6	22	14.3	1.84	3	0.04	0.03	15
1110517	415850	7089100	8N	0.05	0.96	8.3	6.5	0.5	79	0.2	0.09	0.1	5.7	19	15.2	2.01	3	0.03	0.03	16
1110518	415870	7089149	8N	0.05	0.95	7.7	2.3	1	69	0.2	0.07	0.05	3.9	19	11.7	1.72	3	0.05	0.03	14
1110519	415888	7089199	8N	0.2	1.32	10	2.4	1	151	0.2	0.12	0.2	9.2	24	27.2	2.43	3	0.04	0.05	20
1110520	415905	7089250	8N	0.05	1.15	8.4	2.7	2	83	0.2	0.08	0.2	6.2	21	15.4	2.15	3	0.03	0.03	21
1110521	415931	7089295	8N	0.2	1.37	10.4	7.5	0.5	155	0.2	0.13	0.2	9.4	26	26.5	2.38	3	0.04	0.05	22

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1099459	0.29	208	0.9	0.005	18.9	0.035	13.6	0.025	0.7	1.2	0.25	9	0.1	1.4	0.015	0.05	0.7	36	0.2	53
1099460	0.46	407	1	0.005	19.2	0.048	17.4	0.025	0.6	1.3	0.5	13	0.1	1.8	0.012	0.05	1.2	35	0.2	61
1099461	0.3	229	0.9	0.005	21.5	0.034	13.9	0.025	0.6	1.1	0.25	9	0.1	2.1	0.013	0.05	0.9	29	0.2	50
1099462	0.39	292	0.8	0.006	24.6	0.033	14.6	0.025	0.6	1.9	0.6	9	0.1	3.8	0.013	0.05	1.1	30	0.1	52
1099463	0.37	244	1.1	0.005	20.9	0.028	23.2	0.025	0.7	1.4	0.25	9	0.1	7.4	0.02	0.05	1.4	28	0.1	59
1099464	0.31	400	1.2	0.006	39.3	0.032	28.9	0.025	1	1.7	0.25	8	0.1	6.4	0.021	0.05	2.6	33	0.1	79
1099465	0.32	546	1.2	0.006	46.8	0.033	17.7	0.025	0.5	2.4	0.25	10	0.1	5.8	0.01	0.05	1.9	28	0.05	74
1099466	0.42	456	0.6	0.004	55.1	0.049	7.7	0.025	0.7	2.6	0.25	12	0.1	2.4	0.018	0.05	0.6	34	0.2	47
1099467	0.59	367	1	0.006	30.7	0.039	17.3	0.025	0.6	2.4	0.25	14	0.1	4.6	0.019	0.05	1.2	40	0.1	56
1099468	0.51	382	1.2	0.005	30.5	0.029	24.4	0.025	0.8	1.7	0.25	10	0.1	7.6	0.023	0.1	1.6	33	0.1	66
1099469	0.33	232	0.9	0.004	18.5	0.029	13	0.025	1.2	1.3	0.25	7	0.1	2.5	0.021	0.05	1	33	0.2	50
1099470	0.3	230	0.7	0.004	14.6	0.039	9	0.025	0.7	1.1	0.25	8	0.1	2.1	0.025	0.05	0.5	28	0.2	44
1099471	0.31	220	0.9	0.005	16.3	0.039	11.5	0.025	0.7	0.9	0.25	9	0.1	1.7	0.018	0.05	0.9	32	0.1	46
1099472	0.44	376	1	0.006	31.4	0.045	20.6	0.025	2.2	1.3	0.25	12	0.1	9.3	0.02	0.05	1.7	25	0.05	63
1099473	0.27	242	1.2	0.005	17.7	0.047	16.8	0.025	3.7	0.9	0.25	9	0.1	2	0.024	0.05	1.3	44	0.1	54
1099474	0.28	215	0.9	0.004	19.1	0.028	22.8	0.025	3.8	1.2	0.25	9	0.1	3.3	0.021	0.05	1.1	35	0.2	49
1099475	0.21	131	1.4	0.006	9.6	0.079	11.6	0.11	1.1	0.5	0.6	8	0.1	0.7	0.016	0.05	1.2	28	0.1	38
1099476	0.34	231	0.8	0.004	15.7	0.03	12.1	0.025	1.1	1.2	0.25	8	0.1	3.8	0.015	0.05	1	28	0.1	51
1099477	0.21	216	0.8	0.003	14	0.026	13.2	0.025	0.7	1	0.5	5	0.1	1.9	0.014	0.05	0.6	30	0.1	40
1099478	0.35	258	1.1	0.006	20.8	0.031	15.9	0.025	0.8	1.4	0.25	13	0.1	4.5	0.014	0.05	1.4	27	0.1	57
1099479	0.46	294	1	0.008	19.5	0.06	24.6	0.06	2.4	1	0.25	22	0.1	9.1	0.011	0.05	2.8	25	0.05	77
1099480	0.51	192	1.2	0.007	15.6	0.042	35.4	0.025	0.8	1.3	0.25	16	0.1	15	0.005	0.05	1.7	19	0.05	71
1099481	0.32	213	1.7	0.006	17.4	0.057	46.9	0.025	2.1	1.1	0.25	8	0.1	7.2	0.012	0.05	1.4	22	0.1	64
1099482	0.47	242	1.1	0.005	17.8	0.039	17.9	0.025	1.3	1.3	0.25	8	0.1	7.1	0.016	0.05	1.1	30	0.1	65
1099485	0.24	161	1	0.004	10.9	0.031	12.6	0.025	0.8	0.9	0.25	6	0.1	2.6	0.012	0.05	0.8	33	0.1	41
1099486	0.26	246	0.8	0.005	22.3	0.037	12.5	0.08	0.8	1.7	0.25	8	0.1	2.8	0.024	0.05	0.8	37	0.2	51
1110501	0.9	236	1	0.005	21	0.057	30.7	0.18	2.3	1.5	0.25	22	0.1	21.4	0.004	0.05	2.3	18	0.05	78
1110502	0.07	142	0.7	0.004	33.3	0.047	128.6	0.025	7.9	1.6	0.5	20	0.1	19.4	5E-04	0.1	1.6	4	0.05	136
1110503	0.3	381	1.3	0.003	21	0.051	27.6	0.025	1.5	1.1	0.25	7	0.1	1.3	0.016	0.05	1	43	0.2	51
1110504	0.31	147	0.7	0.003	18.9	0.046	14.5	0.06	0.9	1.2	0.25	8	0.1	2.9	0.017	0.05	0.9	33	0.2	51
1110505	0.41	516	1.6	0.005	20.4	0.063	15.4	0.025	1.1	3.4	0.25	11	0.1	3	0.028	0.05	1.4	54	0.2	74
1110506	0.57	271	1	0.005	23.5	0.031	29.5	0.08	1.1	2.6	0.25	11	0.1	4.3	0.06	0.2	1	64	0.3	68
1110507	0.43	300	0.8	0.005	25.5	0.047	20.8	0.025	1.8	2.1	0.25	13	0.1	7.6	0.041	0.1	1.6	34	0.2	68
1110508	0.33	256	1.1	0.004	16.2	0.033	14.7	0.025	0.9	1.7	0.25	7	0.1	3.3	0.034	0.05	0.9	43	0.2	58
1110509	0.39	475	1.1	0.004	43.3	0.059	30.6	0.025	3.1	2	0.25	13	0.1	14.8	0.022	0.05	2.5	27	0.1	73
1110510	0.31	342	0.9	0.004	19.6	0.062	12.4	0.025	0.8	1.3	0.25	10	0.1	1.3	0.02	0.05	1	40	0.2	55
1110511	0.36	566	0.9	0.005	20.8	0.077	14.1	0.025	0.9	2	0.25	11	0.1	3.7	0.032	0.05	1.2	39	0.2	75
1110513	0.3	270	0.9	0.003	15	0.052	12.4	0.025	0.7	1.6	0.25	9	0.1	1.7	0.024	0.05	0.8	39	0.2	54
1110514	0.39	399	0.9	0.004	19.4	0.059	13.6	0.025	0.8	2	0.25	11	0.1	3.9	0.037	0.05	1	40	0.2	65
1110515	0.24	132	1	0.003	11.6	0.04	12.2	0.025	0.5	1	0.25	8	0.1	0.5	0.015	0.05	0.8	38	0.1	39
1110516	0.25	127	0.6	0.003	12.3	0.043	11.6	0.025	0.6	1	0.25	8	0.1	0.5	0.018	0.05	0.8	37	0.2	40
1110517	0.29	233	0.7	0.004	14.7	0.045	11.1	0.025	0.6	1	0.25	8	0.1	0.9	0.018	0.05	0.7	30	0.1	46
1110518	0.23	118	0.7	0.003	10.5	0.033	10.4	0.025	0.5	0.7	0.25	7	0.1	0.4	0.015	0.05	0.7	36	0.2	34
1110519	0.37	364	0.9	0.006	22.5	0.054	16.7	0.025	1	3.3	0.25	11	0.1	4.9	0.036	0.05	1.4	40	0.2	71
1110520	0.32	199	0.9	0.004	13.9	0.039	19.9	0.025	1.4	1.3	0.25	9	0.1	1.8	0.021	0.05	0.9	35	0.1	47
1110521	0.39	359	1	0.005	23	0.056	16.8	0.025	1.1	3.3	0.25	12	0.1	5	0.037	0.05	1.4	42	0.2	68

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1110522	415948	7089344	8N	0.1	1.14	9	1.9	1	120	0.2	0.09	0.3	7.8	22	20.8	2.34	3	0.03	0.03	23
1110523	415970	7089393	8N	0.05	1.26	9.8	2.2	0.5	116	0.2	0.11	0.2	7.7	24	20	2.27	4	0.03	0.04	16
1110524	415984	7089446	8N	0.1	0.72	7.9	2.8	0.5	62	0.3	0.03	0.4	15	12	32.4	3.18	2	0.03	0.04	43
1110525	416003	7089495	8N	0.05	1.16	9.7	2.5	0.5	171	0.2	0.12	0.1	6.1	21	18.5	2	4	0.05	0.03	15
1110526	416025	7089543	8N	0.05	1.26	13	2.7	1	230	0.2	0.19	0.1	10.2	23	31.8	2.29	3	0.05	0.04	17
1110527	416064	7089581	8N	0.05	1.08	9.7	1.8	0.5	118	0.2	0.14	0.1	6.8	19	20.7	1.93	3	0.04	0.03	14
1110528	416090	7089627	8N	0.05	1.11	8.6	1.8	0.5	124	0.2	0.09	0.1	6.8	20	22.3	2.29	4	0.05	0.04	24
1110529	416124	7089667	8N	0.05	1.15	9.6	2.1	1	181	0.2	0.1	0.1	9.1	20	26.1	2.44	4	0.04	0.05	25
1110530	416154	7089709	8N	0.05	1.38	10.1	1.9	0.5	240	0.3	0.14	0.2	12	26	31	2.78	4	0.04	0.06	24
1110531	416182	7089753	8N	0.05	1.14	11.1	1.8	0.5	271	0.3	0.12	0.3	14.4	25	38	2.84	4	0.04	0.06	30
1110532	416213	7089794	8N	0.05	1.12	11	6.4	0.5	165	0.2	0.11	0.05	8.5	21	25.5	2.21	3	0.04	0.04	17
1110533	416247	7089831	8N	0.05	1.22	9.2	2.6	0.5	114	0.2	0.11	0.1	6.4	22	17.8	2.14	4	0.04	0.04	16
1110534	414618	7087306	8N	0.05	1.03	10.4	1.9	0.5	85	0.3	0.11	0.2	34.6	15	29.3	2.23	3	0.005	0.03	40
1110535	414667	7087316	8N	0.05	1.04	10	2.3	0.5	143	0.2	0.14	0.1	8.2	19	15.8	2.2	3	0.02	0.03	16
1110536	414708	7087341	8N	0.05	1.17	9.9	2.6	0.5	66	0.2	0.08	0.1	11.1	19	19.5	2.27	3	0.04	0.04	16
1110537	414756	7087359	8N	0.1	1.3	9.9	3.2	0.5	72	0.3	0.06	0.2	15.5	19	38.3	2.83	4	0.02	0.05	35
1110538	414804	7087378	8N	0.05	1.35	10.2	3.8	0.5	60	0.2	0.04	0.1	16.4	20	28.9	2.47	3	0.03	0.03	22
1110539	414854	7087389	8N	0.1	1.74	13.7	1.9	0.5	29	0.5	0.01	0.2	16.4	20	56.4	3.91	5	0.02	0.03	51
1110540	414904	7087396	8N	0.2	1.54	11.4	1.7	0.5	38	0.5	0.08	0.3	28.6	19	49.9	3.88	4	0.01	0.03	54
1110542	414951	7087417	8N	0.2	1.34	19.3	1.8	0.5	49	0.3	0.05	0.4	18.2	26	30.8	3.07	4	0.02	0.04	36
1110543	414997	7087438	8N	0.3	1.38	26.3	1.5	0.5	63	0.3	0.03	0.6	17.2	17	34.6	2.94	4	0.005	0.04	51
1110544	415031	7087472	8N	0.2	1.3	12.8	1.8	0.5	74	0.3	0.05	0.5	28.8	20	25.1	2.75	4	0.02	0.03	25
1110545	415060	7087514	8N	0.4	1.74	21.3	11.8	0.5	75	1.1	0.24	0.9	22.2	42	17.4	2.68	5	0.02	0.1	22
1110546	415088	7087556	8N	0.1	0.88	10.5	2.2	0.5	38	0.2	0.05	0.1	6.5	16	11.8	2	4	0.03	0.02	16
1110547	415110	7087603	8N	0.1	0.91	10.9	3.5	1	61	0.5	0.03	0.1	13.8	11	24	2.86	2	0.02	0.04	36
1110548	415143	7087642	8N	0.05	1.19	11.3	2.8	1	60	0.3	0.05	0.2	15.8	20	23.2	2.52	3	0.03	0.03	18
1110549	415177	7087681	8N	0.4	1.45	19.7	2.6	0.5	88	0.6	0.05	0.2	7.6	22	27.6	3.03	4	0.03	0.04	26
1110550	415216	7087713	8N	0.1	1.24	10.4	2.8	0.5	72	0.3	0.05	0.2	7.9	19	19.1	2.45	4	0.03	0.03	20
1110551	415260	7087740	8N	0.2	1.42	7.3	0.7	0.5	39	0.3	0.03	0.05	7.6	16	35.9	3.12	4	0.005	0.03	36
1110552	415302	7087771	8N	0.4	1.89	9.9	8.5	0.5	66	1.2	0.03	0.7	67.5	17	71.9	6.07	4	0.02	0.03	39
1110553	415338	7087810	8N	0.05	1.32	13.1	2.7	0.5	98	0.6	0.1	0.2	11	26	23.2	2.64	4	0.03	0.05	17
1110554	415351	7087861	8N	0.05	1.21	8.3	1.7	0.5	78	0.2	0.06	0.2	6.4	20	15.6	2.04	4	0.02	0.04	16
1110555	415356	7087914	8N	0.2	2.7	6.9	3	0.5	1183	1.1	0.59	0.4	21.6	157	38.2	4.3	9	0.005	0.97	37
1110557	415362	7087967	8N	0.05	1.36	9	2.3	0.5	112	0.3	0.06	0.2	12.7	23	30.2	2.77	4	0.02	0.05	28
1110558	415367	7088019	8N	0.05	1.24	9.3	2.7	0.5	78	0.3	0.08	0.2	25.5	20	26.5	2.61	3	0.03	0.05	33
1110559	415371	7088070	8N	0.3	1.28	9.1	2.5	0.5	97	0.6	0.09	0.3	8.3	21	19.4	2.49	4	0.04	0.04	27
1110560	415374	7088121	8N	0.1	1.08	8.6	5	0.5	90	0.3	0.09	0.2	6.6	20	18.1	2.19	3	0.02	0.03	20
1110561	415381	7088173	8N	0.1	1.04	10	1.4	0.5	102	0.2	0.07	0.2	6.5	20	14.8	2.05	3	0.03	0.03	17
1110562	415385	7088224	8N	0.05	1.09	10.3	3	0.5	57	0.2	0.05	0.1	7.5	19	16.6	2.37	4	0.03	0.03	18
1110563	415389	7088276	8N	0.3	0.95	8.6	4.7	0.5	103	0.4	0.12	0.6	18.4	15	24.3	2.59	3	0.02	0.04	31
1110564	415388	7088327	8N	0.3	0.94	12.6	5.4	0.5	153	0.4	0.12	0.4	13.4	17	23.5	2.09	3	0.04	0.04	20
1110565	415400	7088378	8N	0.05	0.98	10.6	6.4	0.5	69	0.2	0.08	0.2	5.9	18	15.4	2.16	3	0.03	0.04	15
1110566	415417	7088426	8N	0.2	1.03	42.1	3.9	0.5	93	0.3	0.08	0.2	9.1	22	19.8	2.41	3	0.03	0.04	17
1110567	413856	7087503	8N	0.05	1.51	8.7	1.9	1	47	0.4	0.05	0.1	22.6	21	35.3	3.77	4	0.02	0.04	34
1110568	413874	7087550	8N	0.05	1.41	10.1	3.6	0.5	64	0.3	0.06	0.1	10	23	25.2	3.05	4	0.02	0.04	27
1110569	413888	7087598	8N	0.05	1.06	8.8	1.5	0.5	57	0.3	0.05	0.1	9.5	17	23.3	2.68	3	0.03	0.03	28

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1110522	0.33	277	0.9	0.004	15.8	0.046	18	0.025	1.2	1.5	0.25	9	0.1	2.1	0.025	0.05	0.9	37	0.2	55
1110523	0.34	281	0.8	0.005	18.2	0.051	14.6	0.025	1	1.8	0.25	11	0.1	1.7	0.03	0.05	0.8	41	0.2	60
1110524	0.17	459	0.7	0.003	35.6	0.04	43.5	0.025	3.3	1.2	0.25	11	0.1	11.4	0.007	0.05	1.3	15	0.05	114
1110525	0.32	211	0.8	0.006	15.7	0.048	12.2	0.025	0.7	1.5	0.25	13	0.1	0.9	0.024	0.05	0.8	39	0.2	46
1110526	0.39	405	0.8	0.007	24.9	0.063	11.8	0.025	0.9	3.2	0.5	19	0.1	4.7	0.042	0.05	0.9	38	0.2	63
1110527	0.34	222	0.6	0.004	16.9	0.055	9.5	0.025	0.7	1.7	0.25	12	0.1	1.8	0.029	0.05	0.7	33	0.2	48
1110528	0.37	214	0.8	0.004	18.6	0.041	15.9	0.025	0.9	1.6	0.25	11	0.1	2.9	0.02	0.05	0.9	29	0.1	50
1110529	0.39	313	0.8	0.004	21.7	0.045	15.8	0.025	0.8	2	0.25	12	0.1	4.3	0.024	0.05	0.9	30	0.1	57
1110530	0.49	528	0.9	0.006	27.6	0.054	22.8	0.025	1.1	2.9	0.5	16	0.1	5.9	0.036	0.05	1.2	36	0.2	72
1110531	0.46	573	0.7	0.004	32.2	0.039	26	0.025	2.2	2.9	0.6	15	0.1	10.8	0.035	0.05	1.4	29	0.2	77
1110532	0.36	281	0.7	0.004	19.5	0.044	13.7	0.025	1.2	2.3	0.25	11	0.1	2.4	0.024	0.05	1	34	0.2	51
1110533	0.37	207	0.7	0.005	16.3	0.044	15.1	0.025	0.9	1.3	0.25	11	0.1	1.2	0.021	0.05	0.8	38	0.2	50
1110534	0.47	462	0.5	0.003	51.2	0.041	34.1	0.025	0.7	1	0.25	9	0.1	9.1	0.017	0.05	1.8	21	0.05	53
1110535	0.35	364	0.7	0.004	20.2	0.055	12.4	0.025	0.7	1.4	0.25	11	0.1	2.1	0.023	0.1	0.6	35	0.2	46
1110536	0.34	249	0.8	0.004	23.9	0.032	12.1	0.025	0.7	1.5	0.25	8	0.1	4.8	0.026	0.05	0.7	31	0.2	48
1110537	0.57	326	0.8	0.005	31.4	0.046	25.9	0.025	1	1.5	0.25	12	0.1	13.9	0.016	0.05	1.6	20	0.05	65
1110538	0.43	324	0.7	0.003	28.4	0.03	19.9	0.025	0.6	1.2	0.25	6	0.1	4.1	0.019	0.05	1.1	28	0.1	61
1110539	0.65	329	0.5	0.002	52.9	0.041	35	0.025	0.6	1	0.25	3	0.1	14.5	0.004	0.05	3.4	15	0.05	99
1110540	0.71	678	0.6	0.002	66.9	0.051	24.9	0.025	0.9	0.9	0.25	17	0.1	20.4	0.003	0.05	3.3	12	0.05	84
1110542	0.56	523	0.8	0.004	33.1	0.046	50.2	0.025	1.1	1.1	0.25	17	0.1	12.8	0.013	0.05	1.7	20	0.05	80
1110543	0.61	344	0.6	0.004	28.8	0.038	97.1	0.025	1.2	0.9	0.25	16	0.1	19.9	0.006	0.05	2.7	15	0.05	89
1110544	0.4	621	0.8	0.003	40.5	0.041	22.7	0.025	0.8	1.1	0.25	7	0.1	3.1	0.017	0.05	1.2	30	0.05	100
1110545	0.7	1236	0.8	0.004	46.1	0.077	68.7	0.025	0.7	4.1	0.25	19	0.1	8.3	0.019	0.1	8.1	33	0.1	112
1110546	0.18	210	1	0.003	13.3	0.039	11.1	0.025	0.6	0.8	0.25	5	0.1	1.4	0.02	0.05	0.7	40	0.2	31
1110547	0.16	254	1	0.003	23.3	0.035	25.1	0.025	5.6	1	0.25	8	0.1	8.4	0.004	0.1	2	16	0.05	56
1110548	0.39	501	0.9	0.004	26.9	0.043	11.6	0.025	1	1.4	0.25	8	0.1	3.2	0.02	0.05	0.9	33	0.2	61
1110549	0.39	238	1.4	0.004	17	0.049	21.1	0.025	1.2	1.3	0.25	10	0.1	3	0.013	0.1	1.6	34	0.1	58
1110550	0.35	245	0.9	0.004	16.3	0.033	16	0.025	0.9	1.2	0.25	8	0.1	2.8	0.016	0.05	1.1	30	0.1	50
1110551	0.44	171	0.4	0.003	29.4	0.031	27.1	0.025	0.8	1	0.25	5	0.1	13.8	0.009	0.05	2.4	16	0.05	78
1110552	0.92	3047	1.2	0.002	92.8	0.067	83.5	0.025	1.5	3	0.25	5	0.1	17.3	0.004	0.05	8.8	18	0.05	126
1110553	0.42	338	1.3	0.004	22.1	0.052	16	0.025	1	1.6	0.5	13	0.1	1.6	0.031	0.1	1.1	42	0.2	57
1110554	0.39	243	0.9	0.004	18.4	0.047	12.7	0.025	0.6	1	0.25	9	0.1	0.8	0.017	0.1	1.7	32	0.2	52
1110555	1.98	970	0.7	0.013	43.9	0.157	33.9	0.025	0.6	8.4	0.25	99	0.1	17	0.273	1	2	116	0.3	105
1110557	0.52	339	0.9	0.005	23.9	0.042	20	0.025	0.7	1.7	0.6	18	0.1	9.7	0.034	0.05	1.4	29	0.1	61
1110558	0.49	440	0.8	0.004	38.6	0.039	23.5	0.025	1	1.4	0.25	12	0.1	9.4	0.029	0.05	1.5	26	0.1	64
1110559	0.4	297	1.1	0.005	21.4	0.043	42.5	0.025	0.9	1.4	0.25	19	0.1	4.3	0.024	0.05	1.3	34	0.3	69
1110560	0.38	226	0.9	0.004	19.6	0.044	20.4	0.025	0.7	1.1	0.25	10	0.1	2.6	0.02	0.05	1.2	32	0.2	59
1110561	0.33	225	0.9	0.003	16.2	0.03	14.8	0.025	0.6	1.4	0.25	8	0.1	2.8	0.022	0.1	0.9	32	0.2	47
1110562	0.32	250	1	0.004	16.2	0.026	14.2	0.025	0.8	1.3	0.25	7	0.1	5.4	0.025	0.05	0.9	33	0.2	44
1110563	0.34	578	1.1	0.003	35.9	0.059	51.9	0.025	2.1	1.6	0.25	13	0.1	7.2	0.016	0.05	2.6	22	0.2	93
1110564	0.34	480	0.8	0.004	21.9	0.049	26.9	0.025	1.9	2.1	0.25	10	0.1	4.6	0.022	0.05	1.9	27	0.1	60
1110565	0.34	220	0.8	0.004	16.3	0.04	15	0.025	1.1	1.2	0.25	8	0.1	2	0.02	0.05	0.9	31	0.2	52
1110566	0.35	424	0.9	0.003	21.5	0.045	19	0.025	1.8	1.5	0.25	9	0.1	2.3	0.016	0.1	1.1	31	0.1	56
1110567	0.61	650	1	0.005	28.2	0.065	21.2	0.025	0.7	1	0.25	11	0.1	5.4	0.015	0.05	1.7	29	0.1	85
1110568	0.5	314	1	0.005	18.6	0.05	16.1	0.025	0.6	1.2	0.25	9	0.1	3	0.017	0.05	1.3	33	0.1	64
1110569	0.36	296	0.9	0.003	22.2	0.047	16.5	0.025	0.9	0.9	0.25	10	0.1	2.3	0.012	0.05	1.3	26	0.2	57

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1110570	413912	7087643	8N	0.05	1.29	8	1.2	0.5	54	0.3	0.04	0.1	18.3	19	24.6	2.78	4	0.03	0.03	26
1110571	413930	7087690	8N	0.05	1.14	9	6	1	73	0.3	0.07	0.2	11.5	19	24.5	2.66	3	0.02	0.04	24
1110572	413954	7087733	8N	0.1	1.31	5.3	3.6	0.5	50	0.6	0.05	0.05	8.2	19	38.5	3.54	4	0.02	0.04	44
1110573	413978	7087779	8N	0.05	0.93	4.3	2.4	0.5	39	0.5	0.03	0.1	12.2	13	37.8	3.46	2	0.01	0.03	44
1110574	413998	7087823	8N	0.05	1.02	8.5	2.6	0.5	45	0.3	0.04	0.1	10.6	18	22.5	2.55	3	0.04	0.03	20
1110575	414018	7087870	8N	0.05	1.45	3	3.6	0.5	39	0.6	0.03	0.05	9.3	21	39.5	3.9	4	0.01	0.04	46
1110576	414031	7087917	8N	0.05	1.29	11.6	2.4	1	67	0.3	0.05	0.05	12.7	25	23	2.58	4	0.03	0.04	20
1110577	414031	7087967	8N	0.05	1.11	8.7	1.4	0.5	49	0.2	0.05	0.05	15	19	24.7	2.52	3	0.02	0.04	25
1110579	414038	7088015	8N	0.05	1.36	9.3	1	0.5	34	0.6	0.01	0.05	9.4	13	48.4	3.39	3	0.02	0.04	54
1110580	414053	7088064	8N	0.2	1.29	16.5	1.9	1	81	0.3	0.1	0.1	13.3	20	21.8	2.35	3	0.03	0.05	17
1110581	414063	7088115	8N	0.05	1.25	12.9	1.6	0.5	68	0.3	0.1	0.1	24.8	20	26.3	2.57	3	0.03	0.04	23
1110582	414083	7088161	8N	0.1	1.3	10.3	1.5	0.5	49	0.3	0.04	0.05	6.8	19	21.3	3.03	4	0.04	0.03	22
1110583	414092	7088210	8N	0.3	1.13	5.5	2.2	0.5	66	0.4	0.04	0.1	15.8	45	25	2.27	3	0.06	0.07	22
1110584	414098	7088260	8N	0.05	1.06	10	3.5	0.5	46	0.2	0.05	0.05	5.8	17	16	2.46	3	0.06	0.04	17
1110585	414094	7088309	8N	0.2	1.37	83.8	4.6	0.5	67	0.5	0.03	0.1	7.2	19	28.2	3.37	4	0.04	0.04	28
1110586	414094	7088358	8N	0.05	1.27	9.9	2.3	1	80	0.2	0.07	0.1	8.9	20	19.1	2.47	3	0.05	0.03	15
1110587	414104	7088409	8N	0.05	1.2	8.2	2.4	0.5	54	0.4	0.04	0.05	4.2	18	24.2	2.64	4	0.04	0.04	26
1110588	414103	7088460	8N	0.05	0.83	8.3	10.1	0.5	40	0.4	0.08	0.05	4.5	16	18.5	2.37	3	0.03	0.03	22
1110589	414122	7088506	8N	0.4	0.57	272.1	20.7	0.5	76	3.5	0.03	0.05	3.4	11	23	2.23	2	0.03	0.05	38
1110590	414132	7088556	8N	0.05	1.55	10.4	2.7	0.5	80	0.4	0.06	0.1	7.9	25	20.1	2.8	5	0.03	0.04	17
1110591	414127	7088609	8N	0.05	1.76	41.6	1.5	0.5	159	1	0.09	0.1	13.2	23	19.1	2.76	5	0.04	0.08	17
1110592	414133	7088658	8N	0.05	1.41	12.1	1.1	0.5	98	0.2	0.08	0.2	7.6	21	13.3	2.45	4	0.03	0.04	13
1110593	414131	7088711	8N	0.05	1.41	20.7	8.5	1	98	0.4	0.08	0.2	14.2	21	30.3	2.98	4	0.04	0.06	21
1110594	414142	7088763	8N	0.05	1.45	14.7	4.4	1	185	0.3	0.19	0.2	10.5	28	19.3	2.55	4	0.02	0.05	17
1110595	414150	7088815	8N	0.05	1.25	15.9	3.7	0.5	76	0.3	0.07	0.1	6	20	16.6	2.32	4	0.05	0.04	16
1110596	414194	7088849	8N	0.05	1.14	13.5	14	0.5	65	0.3	0.07	0.1	8.7	21	17.5	2.42	4	0.04	0.05	20
1110597	414225	7088889	8N	0.1	1.32	13.3	3.2	0.5	59	0.4	0.05	0.1	8.8	22	29.5	3.11	4	0.03	0.04	34
1110598	414233	7088946	8N	0.05	1.24	13	1.8	0.5	104	0.2	0.09	0.1	7.9	23	22.7	2.4	4	0.04	0.04	20
1110599	414231	7088995	8N	0.05	1.07	7.5	2.5	0.5	90	0.2	0.11	0.1	8	18	21.4	1.82	3	0.03	0.03	16
1110600	413082	7087397	8N	0.1	0.7	6.3	3.2	0.5	35	0.2	0.05	0.05	3.7	15	16.1	1.89	4	0.07	0.04	18
1110601	413119	7087431	8N	0.1	1.67	3.8	9.4	3	28	0.7	0.02	0.05	4	26	49.5	5.73	5	0.02	0.05	29
1110602	413168	7087439	8N	0.1	2.43	15.9	4.2	2	129	0.4	0.24	0.2	31.5	21	54.7	4.2	6	0.02	0.39	27
1110603	413211	7087414	8N	0.05	1.14	9.4	3.1	1	63	0.3	0.06	0.2	9.8	18	23.5	2.68	4	0.03	0.04	17
1110604	413261	7087414	8N	0.1	1.29	9.9	3.3	2	67	0.5	0.05	0.2	8.8	20	43.6	3.46	4	0.03	0.09	39
1110605	413309	7087409	8N	0.05	1.34	12.1	6.1	1	78	0.3	0.06	0.2	11.2	21	29.8	3.02	4	0.02	0.06	26
1110606	413358	7087407	8N	0.05	1.09	9	6.8	2	57	0.3	0.05	0.2	10.1	18	28.1	2.72	4	0.04	0.06	22
1110607	413406	7087392	8N	0.05	0.99	8.3	3.4	0.5	44	0.3	0.04	0.2	11.7	15	28.8	2.77	3	0.04	0.04	19
1110608	413455	7087397	8N	0.05	1.01	10	2.1	2	60	0.2	0.08	0.2	14.4	18	24.9	2.34	3	0.02	0.04	19
1110609	413505	7087403	8N	0.05	0.84	10	2.2	0.5	61	0.2	0.13	0.2	10.6	17	22.2	2.19	3	0.01	0.03	17
1110610	413555	7087411	8N	0.05	1.1	11.6	4.7	2	44	0.2	0.07	0.2	8.7	19	24.1	2.89	4	0.04	0.03	17
1110611	413603	7087422	8N	0.05	1.07	11.5	3.2	0.5	66	0.2	0.06	0.2	11.5	19	20.2	2.39	3	0.03	0.03	15
1110612	413652	7087433	8N	0.05	1.34	10.2	1.5	0.5	101	0.2	0.12	0.2	19	19	23.8	2.61	3	0.03	0.04	29
1110613	413702	7087445	8N	0.05	2.02	15.9	0.25	1	116	0.2	0.21	0.2	22.4	26	29.5	3.64	7	0.04	0.03	30
1110614	413751	7087451	8N	0.05	1	11.1	1.8	0.5	74	0.2	0.07	0.05	7.6	16	12.1	2.03	3	0.02	0.02	13
1110615	413801	7087450	8N	0.05	1.2	8.9	3.8	0.5	58	0.2	0.05	0.1	7.2	18	22.4	2.51	4	0.03	0.02	17
1110616	413847	7087431	8N	0.05	0.9	9.6	0.7	2	36	0.2	0.05	0.1	7.5	15	20.5	2.37	3	0.01	0.03	24

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1110570	0.46	600	0.9	0.004	22.9	0.058	14.6	0.025	0.5	0.9	0.25	9	0.1	3.2	0.012	0.05	1.4	26	0.1	66
1110571	0.44	390	0.8	0.004	25.6	0.04	17	0.06	0.7	1.6	0.25	8	0.1	6.5	0.023	0.05	1.3	28	0.2	60
1110572	0.55	294	1.1	0.005	15.8	0.054	28.2	0.025	0.7	1	0.25	11	0.1	11.4	0.011	0.05	2	21	0.1	65
1110573	0.3	325	1	0.003	28.2	0.044	35.7	0.025	0.5	1	0.25	8	0.1	12.2	0.007	0.05	2.1	15	0.05	67
1110574	0.29	251	0.9	0.003	23.7	0.029	14.7	0.025	0.7	1.1	0.25	7	0.1	4.8	0.023	0.05	0.9	32	0.2	51
1110575	0.67	291	2	0.004	13.7	0.046	38.5	0.025	0.5	1.1	0.25	13	0.1	15.4	0.011	0.05	1.4	18	0.05	67
1110576	0.38	322	1.1	0.004	30.2	0.023	11	0.025	1.3	1.5	0.25	7	0.1	5.8	0.029	0.1	1	36	0.2	52
1110577	0.37	297	0.9	0.003	25.7	0.03	9.2	0.025	1.5	1.2	0.25	8	0.1	7.5	0.022	0.05	1.2	28	0.1	48
1110579	0.46	178	1.1	0.003	25.3	0.035	16.9	0.025	2	0.9	0.25	8	0.1	15.7	0.003	0.05	2.4	12	0.05	55
1110580	0.38	287	0.9	0.004	26.1	0.045	11.2	0.025	0.8	1.8	0.25	10	0.1	6.2	0.028	0.1	1	32	0.2	53
1110581	0.41	387	0.8	0.004	36.8	0.045	13.8	0.025	1.1	1.4	0.25	9	0.1	8.1	0.022	0.05	1.2	28	0.1	56
1110582	0.31	155	1	0.004	15.2	0.028	9	0.025	0.8	1.3	0.25	8	0.1	7.8	0.019	0.05	1.1	37	0.2	40
1110583	0.3	426	3.3	0.007	59.3	0.088	34.5	0.07	1.6	0.6	0.25	6	0.1	0.8	0.007	0.1	1.4	20	0.05	40
1110584	0.27	189	1	0.004	15.3	0.036	12.7	0.025	0.8	1	0.25	7	0.1	2.3	0.017	0.05	0.8	33	0.2	41
1110585	0.34	124	0.9	0.005	16.8	0.032	10.1	0.025	10.3	1.1	0.25	10	0.1	10.4	0.008	0.2	1.1	28	0.1	39
1110586	0.36	248	0.9	0.004	17.9	0.031	10.2	0.025	0.8	1.6	0.25	8	0.1	4.8	0.024	0.05	0.8	33	0.2	45
1110587	0.4	152	1.6	0.007	10.8	0.06	8.6	0.06	1.1	0.7	0.25	11	0.1	1.5	0.008	0.1	1.4	25	0.05	45
1110588	0.3	215	1	0.005	11.2	0.059	7.6	0.025	0.9	0.9	0.25	9	0.1	3.2	0.015	0.05	1.1	25	0.2	39
1110589	0.11	75	0.8	0.003	7.7	0.027	23.2	0.025	10.3	0.9	0.25	8	0.1	11.2	0.004	0.3	0.8	14	0.05	23
1110590	0.39	304	1.2	0.005	17.4	0.041	10.5	0.025	1.1	1.6	0.25	11	0.1	2.6	0.028	0.2	1	43	0.2	55
1110591	0.47	451	1.3	0.006	34.4	0.035	11.5	0.025	1	2.2	0.25	36	0.1	5	0.035	0.3	1.4	40	0.3	53
1110592	0.34	227	1	0.004	18.4	0.028	10.3	0.025	0.7	1.8	0.25	9	0.1	2.4	0.032	0.1	0.5	41	0.4	51
1110593	0.4	324	1.3	0.005	23.7	0.046	10.1	0.025	1.1	1.6	0.25	10	0.1	7.9	0.02	0.1	2.3	29	0.2	52
1110594	0.46	378	1.2	0.006	24.8	0.065	10.9	0.025	0.9	2.1	0.25	28	0.1	2.6	0.034	0.2	1.2	43	0.3	68
1110595	0.31	195	1	0.004	15.5	0.04	10.4	0.025	0.8	1.5	0.8	9	0.1	1.9	0.019	0.1	1	38	0.2	44
1110596	0.33	261	1.1	0.004	16.9	0.056	10.2	0.025	0.9	1	0.25	10	0.1	1.2	0.018	0.1	1	35	0.2	50
1110597	0.48	260	1.3	0.005	18.1	0.063	9.6	0.025	1.3	1.2	0.25	12	0.1	4.2	0.019	0.1	2	30	0.1	57
1110598	0.4	220	0.8	0.005	17.4	0.056	9.2	0.025	0.7	2.3	0.25	10	0.1	3.8	0.027	0.05	1.6	35	0.2	58
1110599	0.34	204	0.6	0.004	17.7	0.054	7.7	0.025	0.6	1.8	0.25	9	0.1	3.6	0.025	0.05	0.9	28	0.2	52
1110600	0.11	121	0.8	0.004	9.8	0.131	17.7	0.06	0.7	0.2	0.7	9	0.1	0.9	0.006	0.1	1.4	33	0.05	32
1110601	0.87	172	1.1	0.009	7.7	0.057	21.5	0.16	0.8	1.1	1.2	16	0.1	19.8	0.008	0.05	1.9	17	0.05	79
1110602	0.91	371	1.3	0.029	56.6	0.09	11.1	0.18	1.4	2.4	0.7	88	0.1	13.3	0.078	0.5	2	59	0.2	84
1110603	0.29	209	1.2	0.007	18.3	0.042	15.9	0.09	0.8	0.9	0.25	15	0.1	2.7	0.02	0.1	1	41	0.2	53
1110604	0.42	226	0.9	0.016	20.3	0.056	41.4	0.14	1.2	1.3	1.2	41	0.1	7.6	0.021	0.05	2.2	31	0.2	72
1110605	0.41	269	0.9	0.009	22.4	0.046	20.7	0.06	0.7	1.5	0.7	22	0.1	7.4	0.028	0.05	1.5	36	0.2	62
1110606	0.35	222	0.8	0.008	21.7	0.039	16.2	0.06	0.9	1.3	0.25	25	0.1	5.9	0.028	0.05	1.5	34	0.2	53
1110607	0.26	200	0.8	0.003	17	0.046	12.7	0.025	2	0.9	0.7	8	0.1	3.5	0.012	0.1	1.2	28	0.1	52
1110608	0.34	274	0.8	0.004	23.6	0.052	13	0.025	1.1	1.1	0.8	11	0.1	4	0.023	0.05	1.3	29	0.1	55
1110609	0.3	294	0.6	0.003	21.6	0.062	11.9	0.025	0.7	1.2	0.25	11	0.1	5.9	0.026	0.05	1	29	0.2	51
1110610	0.32	175	0.9	0.003	22.9	0.055	18.3	0.025	0.7	1	0.8	8	0.1	2.2	0.02	0.05	1	34	0.2	53
1110611	0.32	346	0.8	0.003	22.5	0.042	13.4	0.025	0.6	1.3	1.1	7	0.1	2.2	0.021	0.05	0.7	33	0.1	57
1110612	0.48	484	0.5	0.003	33.2	0.046	11.1	0.025	0.7	1.6	0.25	11	0.1	7.9	0.014	0.05	1	23	0.1	61
1110613	0.83	952	1	0.003	35.9	0.077	12.5	0.025	0.6	3.5	0.9	18	0.1	4.3	0.016	0.05	0.6	62	0.2	62
1110614	0.27	225	0.7	0.003	15.5	0.029	10.2	0.025	0.6	1.4	0.6	7	0.1	2.9	0.024	0.05	0.5	32	0.2	38
1110615	0.32	208	0.9	0.004	16.1	0.033	15.3	0.025	0.6	1.2	0.6	9	0.1	4.4	0.017	0.05	1	31	0.2	49
1110616	0.3	210	0.8	0.003	15.3	0.046	14.8	0.025	0.5	0.6	1.1	9	0.1	1.2	0.016	0.05	1.1	28	0.2	48

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1110617	413895	7087415	8N	0.05	1.33	7.4	7.2	1	43	0.4	0.05	0.1	25.6	23	29.4	3.42	4	0.04	0.04	37
1110618	413943	7087406	8N	0.1	1.11	13.9	5.8	0.5	70	0.5	0.13	0.2	13.9	31	42.5	2.53	4	0.02	0.04	23
1110619	413992	7087410	8N	0.1	1.3	12.3	3.1	0.5	143	0.2	0.29	0.2	9.3	29	20.7	2.41	5	0.04	0.05	16
1110620	414039	7087394	8N	0.1	1.54	7.6	1.4	0.5	60	0.5	0.06	0.3	66.5	21	72.7	4.32	4	0.01	0.04	62
1110621	414089	7087393	8N	0.05	1.38	10.6	0.25	0.5	114	0.2	0.13	0.2	8.6	32	16.2	2.41	5	0.03	0.04	16
1110622	414189	7087396	8N	0.05	1.82	10.4	0.7	0.5	253	0.2	0.33	0.3	33.8	51	25.9	2.99	6	0.02	0.2	32
1110623	414238	7087393	8N	0.05	1.3	11	1.9	0.5	72	0.2	0.05	0.2	9.2	21	13.9	2.45	3	0.02	0.03	20
1110624	414286	7087380	8N	0.05	1.46	14.2	2.9	1	60	0.3	0.05	0.2	13.6	24	21.2	3.08	5	0.04	0.03	27
1110625	414336	7087380	8N	0.2	1.22	13.2	17.4	0.5	48	1.3	0.02	0.1	6.9	20	58.4	4.12	4	0.02	0.03	42
1110626	414383	7087361	8N	0.2	1.56	6.2	6.8	0.5	47	1.3	0.04	0.2	19.5	22	77.8	5.1	4	0.005	0.04	60
1110628	414430	7087344	8N	0.05	1.04	11.6	2.1	1	57	0.2	0.07	0.1	7.4	19	16.2	2.49	4	0.04	0.02	15
1110630	414480	7087340	8N	0.05	1.27	10.4	2.7	2	79	0.2	0.07	0.05	5.3	19	14.7	2.22	4	0.03	0.02	12
1110631	414529	7087325	8N	0.05	1.3	12.4	0.25	0.5	47	0.2	0.05	0.2	9.4	19	17.3	2.55	4	0.04	0.02	14
1110632	414578	7087318	8N	0.05	1.71	9.1	3.2	0.5	86	0.3	0.12	0.2	37.5	20	39.7	3.02	5	0.01	0.03	47
1110633	404468	7084522	8N	0.2	1.6	22.8	7.2	2	228	0.2	0.14	0.2	8.4	35	22.8	2.6	5	0.02	0.06	23
1110634	404513	7084543	8N	0.05	1.16	9.7	2	0.5	152	0.2	0.1	0.1	8.3	20	24.2	2.19	3	0.03	0.04	26
1110635	404560	7084566	8N	0.05	1.11	7.1	1.7	1	188	0.2	0.14	0.1	7.5	21	20.8	2.18	3	0.02	0.05	30
1110636	404605	7084588	8N	0.05	1.17	9.2	1.5	1	196	0.2	0.12	0.2	8.5	21	24.4	2.23	3	0.04	0.04	30
1110637	404640	7084623	8N	0.05	1.27	11.6	2.8	1	208	0.2	0.16	0.2	8.9	23	24.1	2.25	4	0.03	0.05	25
1110638	404684	7084651	8N	0.05	1.13	10.1	2.7	0.5	226	0.2	0.12	0.1	10	20	25.4	2.32	3	0.03	0.05	27
1110639	404732	7084664	8N	0.05	1.36	14	2.3	1	118	0.2	0.09	0.1	5.7	24	17.4	2.11	4	0.04	0.05	21
1110640	404778	7084683	8N	0.05	1.24	11.5	2.2	1	102	0.2	0.09	0.05	5.1	24	15.9	2.06	4	0.04	0.06	22
1110641	404825	7084699	8N	0.05	1.31	8.6	0.8	0.5	105	0.2	0.11	0.05	4.8	22	14.9	1.92	4	0.05	0.05	19
1110642	404872	7084716	8N	0.05	1.4	9	3.6	1	201	0.2	0.11	0.1	7.6	24	20.3	2.13	4	0.03	0.06	24
1110643	404916	7084743	8N	0.1	1.36	7.7	2	0.5	121	0.2	0.09	0.1	3.7	23	13.5	1.93	5	0.05	0.04	18
1110644	404965	7084755	8N	0.05	1.29	9.4	2.1	0.5	101	0.2	0.1	0.1	4.4	23	15.7	1.98	4	0.04	0.04	18
1110645	405014	7084772	8N	0.05	1.03	13.8	4.9	0.5	159	0.2	0.11	0.6	10.5	23	23.4	2.1	3	0.02	0.05	23
1110646	405058	7084796	8N	0.05	1.33	13.6	1.5	2	100	0.3	0.09	0.1	5.6	26	18.2	2.54	5	0.04	0.05	19
1110647	405095	7084831	8N	0.05	1.17	16.7	1.5	0.5	134	0.2	0.12	0.2	5.8	21	20	1.91	4	0.03	0.05	25
1110648	405140	7084855	8N	0.05	1.1	15	5.8	1	138	0.2	0.1	0.2	6.7	21	18.3	2.05	3	0.04	0.05	16
1110649	405187	7084877	8N	0.1	1.29	11.5	2.3	1	132	0.2	0.09	0.1	7.9	21	27.2	2.28	4	0.05	0.06	23
1110650	405231	7084900	8N	0.05	0.75	12.3	3.3	0.5	111	0.2	0.09	0.2	8.5	15	18.1	1.98	2	0.03	0.05	19
1110687	405364	7080632	8N	0.05	1.14	9.5	1.3	0.5	60	0.2	0.08	0.05	6.4	18	18.8	2.24	3	0.04	0.04	20
1110688	405348	7080680	8N	0.05	0.99	6.5	3.7	0.5	62	0.2	0.05	0.05	9.5	15	21.4	2.58	3	0.01	0.03	35
1110689	405327	7080726	8N	0.2	1.28	10.2	3.3	0.5	108	0.2	0.1	0.1	7.5	21	20.3	2.31	4	0.04	0.03	20
1110690	405319	7080776	8N	0.2	1.02	14.9	4.6	0.5	83	0.3	0.08	0.1	7.1	19	27.1	2.85	3	0.03	0.04	33
1110691	405316	7080826	8N	0.3	1.42	17.9	3.3	0.5	87	0.4	0.07	0.1	5.9	24	27.7	3.11	4	0.04	0.04	27
1110692	405308	7080877	8N	0.2	1.13	12.1	2.4	0.5	93	0.2	0.2	0.3	11.2	30	32.6	2.83	3	0.02	0.06	26
1110693	405304	7080927	8N	0.1	1.45	13.1	6.9	0.5	154	0.2	0.13	0.1	10	28	25.1	2.62	4	0.04	0.04	20
1110694	405305	7080978	8N	0.05	1.19	10.5	2.5	0.5	85	0.2	0.11	0.2	6.3	22	18.9	2.18	4	0.04	0.04	16
1110695	405308	7081028	8N	0.05	0.98	9.1	3.5	0.5	82	0.3	0.11	0.1	9.8	19	27.2	2.61	3	0.03	0.03	27
1110696	405320	7081077	8N	0.2	1.2	10.1	1.9	0.5	140	0.3	0.07	0.2	10.9	22	28	2.69	4	0.03	0.03	27
1110697	405325	7081127	8N	0.3	1.42	10.7	0.8	0.5	122	0.3	0.07	0.05	5.9	25	18.9	2.56	5	0.04	0.04	22
1110699	405337	7081177	8N	0.2	0.87	15.1	1.4	3	104	0.2	0.13	0.2	9.1	15	21.4	2.08	2	0.03	0.04	25
1110700	405347	7081227	8N	0.05	1.1	86.5	8.3	2	112	0.2	0.09	0.05	7.6	18	20.2	2.31	3	0.04	0.05	31
1110701	405263	7084938	8N	0.05	1.14	12.4	2.7	0.5	130	0.2	0.1	0.1	6.8	20	13.3	1.95	4	0.02	0.05	15

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1110617	0.47	997	1.1	0.004	27.3	0.059	22.8	0.025	0.8	1.2	0.6	22	0.1	7.7	0.022	0.05	1.8	28	0.2	67
1110618	0.41	264	1.3	0.007	22.3	0.073	20.1	0.025	1.2	1.6	1	24	0.1	2.6	0.042	0.1	2.4	46	1.5	59
1110619	0.4	369	1.6	0.007	20.5	0.083	12.9	0.025	0.8	1.8	0.9	51	0.1	1.2	0.036	0.2	3.8	51	0.4	65
1110620	0.48	587	2.1	0.01	93.9	0.071	25.3	0.025	0.8	1.3	0.9	80	0.1	13.4	0.009	0.05	3.9	24	0.05	78
1110621	0.44	430	1.1	0.004	18.5	0.053	20.1	0.025	1	1.9	0.7	11	0.1	1.4	0.031	0.2	1.6	49	0.2	64
1110622	0.8	658	1.2	0.004	46.5	0.108	37.3	0.025	1.4	4.5	0.7	25	0.1	6.4	0.088	0.4	1.9	63	0.3	111
1110623	0.39	251	0.8	0.004	17.2	0.042	25	0.025	4.9	1.5	1.4	10	0.1	3.1	0.021	0.05	1	31	0.1	46
1110624	0.4	342	1	0.003	23.5	0.038	21.4	0.025	1.5	1.5	0.7	10	0.1	4.8	0.026	0.05	1.1	39	0.1	55
1110625	0.42	209	6.6	0.004	14	0.052	103.7	0.025	1.5	1.2	2.1	11	0.4	12.4	0.01	0.05	1.6	23	0.05	56
1110626	0.81	544	1.9	0.005	37.4	0.083	82	0.025	1.3	1.6	0.7	88	0.1	25.2	0.003	0.05	5	14	0.05	97
1110628	0.28	220	0.8	0.003	16.3	0.039	14.2	0.025	0.7	1.1	1.3	8	0.1	2.4	0.022	0.05	0.7	35	0.2	45
1110630	0.26	146	0.9	0.003	12.5	0.036	10.9	0.025	0.6	1.1	1.2	7	0.1	0.9	0.025	0.1	0.8	40	0.2	37
1110631	0.28	256	0.9	0.004	22.1	0.036	15.7	0.025	0.7	0.8	1.5	6	0.1	0.9	0.016	0.05	0.8	37	0.2	50
1110632	0.73	448	0.4	0.002	55.8	0.042	35.9	0.025	0.6	1.1	0.5	10	0.1	9.3	0.01	0.05	1.4	25	0.05	93
1110633	0.47	306	0.8	0.006	23	0.042	32	0.025	11	2	0.25	14	0.1	4.5	0.047	0.2	1	44	0.1	75
1110634	0.33	264	0.7	0.006	17.7	0.037	20.1	0.025	2.4	2.9	0.25	17	0.1	5.8	0.039	0.05	1.2	33	0.1	57
1110635	0.34	305	0.7	0.007	17.9	0.035	15.2	0.025	2.2	3.1	0.25	21	0.1	5.4	0.037	0.05	0.9	35	0.1	55
1110636	0.37	300	0.8	0.007	20.7	0.04	15	0.025	4.8	3.6	0.5	21	0.1	7.1	0.043	0.05	1.1	34	0.1	59
1110637	0.41	267	0.7	0.007	19	0.049	13.6	0.025	3.5	3.4	0.25	21	0.1	6.1	0.047	0.05	1.2	38	0.1	63
1110638	0.36	359	0.6	0.007	20.5	0.041	14.2	0.025	4.6	3.3	0.25	19	0.1	6.5	0.04	0.05	1.1	34	0.1	63
1110639	0.32	165	0.8	0.006	14.9	0.046	14.6	0.025	2	1.8	0.25	13	0.1	1.1	0.028	0.1	1	38	0.1	48
1110640	0.31	153	0.8	0.006	14.1	0.044	14.4	0.025	2.5	2	0.25	12	0.1	1.6	0.024	0.1	0.9	37	0.1	46
1110641	0.29	121	0.7	0.005	11.9	0.046	12.9	0.025	1.7	1.6	0.25	13	0.1	0.8	0.025	0.1	1	37	0.1	40
1110642	0.34	243	0.7	0.007	16.7	0.049	13	0.025	1.8	2.7	0.25	15	0.1	3	0.03	0.1	1.2	37	0.1	59
1110643	0.26	109	0.7	0.006	10.2	0.072	13.5	0.025	1.1	1	0.6	12	0.1	0.3	0.016	0.1	1	37	0.1	33
1110644	0.32	132	0.8	0.006	12.3	0.056	12.1	0.025	0.9	1.9	0.25	13	0.1	0.9	0.029	0.1	0.9	38	0.1	46
1110645	0.33	390	0.6	0.005	23.1	0.043	19.5	0.025	2.9	2.4	0.25	14	0.1	6	0.038	0.1	1.2	30	0.1	64
1110646	0.33	176	1	0.009	16.8	0.047	18.1	0.025	2.3	1.8	0.25	12	0.1	1.6	0.04	0.1	0.9	45	0.2	56
1110647	0.31	189	0.7	0.006	14.1	0.047	18.5	0.025	2.2	2.4	0.25	14	0.1	3	0.036	0.1	1.1	33	0.1	52
1110648	0.32	224	0.7	0.005	17.6	0.038	23	0.025	2.9	1.3	0.25	10	0.1	2.9	0.023	0.05	0.8	32	0.2	57
1110649	0.34	334	0.7	0.006	17.9	0.05	20.3	0.025	3	2.9	0.25	12	0.1	4	0.027	0.1	1.5	32	0.1	60
1110650	0.22	342	0.7	0.004	18.4	0.038	16	0.025	3.6	0.9	0.25	8	0.1	3.6	0.018	0.05	0.9	25	0.05	52
1110687	0.33	192	0.8	0.004	16.8	0.04	13.4	0.025	0.7	1.3	1	9	0.1	3.7	0.025	0.1	0.8	32	0.2	50
1110688	0.49	228	0.9	0.003	18.9	0.041	12.1	0.025	0.5	1.3	0.5	9	0.1	9.6	0.016	0.05	1.4	21	0.05	49
1110689	0.41	238	0.9	0.004	16	0.055	12.7	0.025	0.6	1.5	1.1	10	0.1	3.3	0.023	0.1	1	34	0.2	53
1110690	0.33	200	1.2	0.005	16.7	0.047	14.4	0.025	0.8	1.5	0.7	9	0.1	6.3	0.022	0.05	1.1	30	0.1	61
1110691	0.49	231	1.5	0.005	15.1	0.064	17.1	0.05	0.7	1.4	0.5	10	0.1	4	0.017	0.05	1.4	33	0.1	55
1110692	0.48	334	1.1	0.005	30	0.091	13	0.025	1.1	2.6	0.25	17	0.1	7.4	0.045	0.1	1.3	40	0.3	76
1110693	0.49	307	1.2	0.006	21.5	0.062	12.9	0.025	1	2.7	0.8	13	0.1	2.7	0.033	0.1	1.3	43	0.2	67
1110694	0.4	199	0.7	0.005	15.9	0.056	10.2	0.025	0.7	1.4	0.9	10	0.1	1.8	0.03	0.1	0.8	39	0.2	50
1110695	0.32	261	0.9	0.004	23.1	0.052	13.4	0.025	0.7	1.4	0.6	9	0.1	3.2	0.023	0.1	1.2	34	0.2	61
1110696	0.39	281	0.9	0.005	20.9	0.041	16.6	0.025	0.6	2.3	0.7	8	0.1	5.9	0.024	0.05	1.3	33	0.2	67
1110697	0.34	152	1.2	0.005	15.5	0.065	17.3	0.025	0.6	0.9	1	10	0.1	0.7	0.015	0.2	1.3	43	0.1	54
1110699	0.34	287	0.6	0.005	19.9	0.054	11.7	0.025	6.1	1.8	0.8	13	0.1	6.2	0.024	0.05	0.9	26	0.1	53
1110700	0.31	212	0.8	0.005	16.3	0.037	22.3	0.025	10.1	1.8	0.25	13	0.1	3	0.018	0.1	0.9	32	0.2	50
1110701	0.31	252	0.7	0.005	15.3	0.037	13.7	0.025	1.7	0.9	0.25	9	0.1	0.9	0.017	0.1	0.7	33	0.1	47

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1110702	405313	7084933	8N	0.05	1.04	10.7	5.3	1	77	0.2	0.12	0.2	6	24	20.3	1.94	3	0.03	0.05	19
1110703	405363	7084927	8N	0.05	1.14	10	3	1	124	0.2	0.14	0.1	5.9	22	18	1.95	3	0.03	0.05	18
1110705	408200	7080108	8N	0.05	1.5	10	2.2	1	157	0.3	0.09	0.05	7.1	23	19.8	2.11	5	0.03	0.03	19
1110706	407584	7080312	8N	0.2	0.83	23.8	4.4	0.5	60	0.3	0.07	0.1	4.8	18	15.9	1.96	3	0.05	0.03	27
1110707	407634	7080305	8N	0.2	1.16	104.5	7.4	1	80	0.6	0.06	0.2	5.4	19	16.3	1.93	3	0.05	0.04	20
1110708	407678	7080285	8N	0.2	1.26	34.1	3.8	2	112	0.3	0.09	0.2	7.5	21	22.8	2.39	4	0.03	0.04	19
1110709	407727	7080271	8N	0.2	1.04	31.9	5	0.5	98	0.3	0.07	0.05	4.5	16	17.2	1.92	3	0.04	0.03	28
1110710	407772	7080248	8N	0.05	1.06	83.8	4.6	2	69	0.3	0.05	0.1	4.8	19	19.7	2.4	4	0.03	0.04	31
1110711	407821	7080235	8N	0.1	1.24	23.7	4.2	1	131	0.3	0.06	0.05	5.4	23	20.6	2.31	4	0.02	0.05	28
1110712	407867	7080217	8N	0.05	1.08	11.6	5.5	1	247	0.2	0.21	0.2	8.2	21	26.8	2.15	3	0.02	0.04	20
1110713	407914	7080196	8N	0.05	1.03	13.9	1.3	1	96	0.3	0.07	0.05	3.2	20	9.5	1.96	5	0.02	0.03	21
1110714	407960	7080177	8N	0.05	1.28	27.2	2.2	1	136	0.2	0.09	0.1	7.9	22	19.8	2.38	3	0.04	0.04	27
1110715	408007	7080159	8N	0.1	1.18	21.9	2.1	0.5	224	0.2	0.1	0.1	8.9	20	24.9	2.31	3	0.02	0.04	27
1110716	408055	7080144	8N	0.05	1.44	13.6	2.5	2	130	0.2	0.11	0.1	7	23	23.2	2.27	4	0.03	0.04	23
1110717	408105	7080140	8N	0.1	1.22	14.8	3.3	0.5	238	0.2	0.1	0.2	9.3	20	21.6	2.27	4	0.02	0.04	27
1110718	408151	7080119	8N	0.05	1.41	12.8	2.9	0.5	172	0.2	0.09	0.1	7.4	24	21.5	2.18	4	0.03	0.04	19
1110719	406091	7082169	8N	0.05	1.27	10.5	5	0.5	188	0.2	0.14	0.1	9.6	23	27.3	2.4	4	0.04	0.04	20
1110720	406136	7082143	8N	0.05	1.25	12.8	4	0.5	174	0.2	0.1	0.3	11.3	21	25.7	2.39	4	0.04	0.04	22
1110721	406179	7082115	8N	0.2	1.09	35.6	3.4	0.5	290	0.2	0.22	0.4	10.3	21	31.1	2.32	3	0.02	0.04	23
1110722	406229	7082090	8N	0.1	1.05	16.1	4.9	1	227	0.2	0.13	0.1	7.7	19	20.4	2.15	3	0.03	0.04	21
1110723	406272	7082065	8N	0.05	1.15	10.3	2.6	2	125	0.2	0.1	0.2	7.4	20	23.2	2.12	3	0.02	0.04	21
1110724	406317	7082038	8N	0.2	1.14	11.8	12.8	0.5	134	0.2	0.15	0.4	11.9	20	39.3	2.43	3	0.03	0.05	24
1110725	406359	7082012	8N	0.05	0.97	9.1	2.8	0.5	177	0.1	0.12	0.2	9.1	16	24	2.15	3	0.02	0.04	20
1110726	406397	7081978	8N	0.05	1.04	7.5	3.1	0.5	80	0.1	0.07	0.1	8.4	17	18.4	2.19	3	0.02	0.03	24
1110727	406438	7081950	8N	0.05	1.09	11.7	2.9	0.5	203	0.3	0.08	0.3	14.3	17	38.6	2.94	3	0.02	0.03	35
1110728	406485	7081926	8N	0.05	1.17	9	2.4	0.5	123	0.2	0.08	0.2	12.3	19	30.7	3.02	3	0.01	0.03	31
1110729	406529	7081900	8N	0.05	1.12	7.1	5.9	0.5	247	0.2	0.13	0.1	10.7	18	26.9	2.29	3	0.03	0.04	26
1110730	406572	7081870	8N	0.05	1.24	9.1	4.3	2	272	0.2	0.18	0.2	9.5	22	28.1	2.47	3	0.03	0.05	21
1110731	406616	7081845	8N	0.05	1.19	9	2.8	0.5	194	0.2	0.11	0.1	12.5	21	29.5	2.61	3	0.03	0.03	29
1110732	406664	7081825	8N	0.05	1.3	10.7	5.7	0.5	264	0.2	0.12	0.2	12.2	20	36.2	2.68	4	0.02	0.05	26
1110733	406709	7081798	8N	0.05	1.01	7.4	4.6	0.5	170	0.2	0.06	0.1	14.6	16	36	3.18	3	0.03	0.03	39
1110734	406754	7081772	8N	0.05	1.16	11.1	4.8	0.5	167	0.2	0.07	0.3	11.6	22	28.2	2.66	3	0.03	0.04	24
1110735	406798	7081745	8N	0.05	1.21	8.9	3.7	0.5	103	0.2	0.07	0.2	6.6	22	20.8	2.3	4	0.03	0.03	26
1110736	406841	7081718	8N	0.05	1.35	10.2	3.3	1	154	0.2	0.08	0.2	8.8	25	24.4	2.46	4	0.04	0.03	21
1110737	406884	7081691	8N	0.05	1.59	11	4.1	0.5	282	0.2	0.17	0.05	12.5	56	37.1	2.82	5	0.03	0.07	24
1110738	406929	7081667	8N	0.05	1.42	9.4	2.8	0.5	218	0.2	0.13	0.05	9.1	34	23.6	2.56	4	0.03	0.05	23
1110739	406974	7081644	8N	0.05	1.2	8.7	8.2	0.5	185	0.2	0.12	0.05	11.1	26	27.9	2.53	3	0.02	0.04	27
1110740	407020	7081623	8N	0.05	1.39	10.1	2.2	0.5	235	0.2	0.14	0.05	9	28	25.5	2.48	4	0.03	0.04	22
1110741	407068	7081608	8N	0.05	1.33	10.8	6.6	0.5	268	0.2	0.15	0.05	9.7	26	28.7	2.58	4	0.04	0.04	23
1110742	407117	7081593	8N	0.05	1.21	8.9	3.2	0.5	166	0.2	0.12	0.05	8.5	23	24	2.5	4	0.03	0.04	26
1110743	407167	7081583	8N	0.05	1.01	11.6	4.2	0.5	270	0.2	0.14	0.2	8.9	18	27.4	2.37	3	0.03	0.03	22
1110745	407216	7081567	8N	0.1	1.25	9.8	3.7	0.5	170	0.1	0.09	0.1	8.3	19	22.7	2.2	3	0.03	0.04	17
1110746	407265	7081554	8N	0.05	1.16	10.7	2.3	0.5	236	0.2	0.11	0.05	7.1	20	25.7	2.17	3	0.04	0.04	18
1110747	407313	7081541	8N	0.05	1.01	9.8	3.4	0.5	85	0.2	0.07	0.05	6.3	17	21.6	2.4	3	0.02	0.03	25
1110749	407361	7081526	8N	0.1	1.14	13.3	3.7	0.5	79	0.2	0.08	0.2	12.9	18	26.1	2.75	3	0.02	0.04	22
1110750	407407	7081514	8N	0.05	1.07	11.3	9.9	0.5	88	0.3	0.07	0.1	15.3	18	37.7	3.56	3	0.005	0.03	32

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1110702	0.31	163	0.6	0.005	15	0.049	13.6	0.025	3.3	1.5	0.25	9	0.1	3.5	0.027	0.1	2	33	0.05	54
1110703	0.34	165	0.7	0.006	15.3	0.035	11.1	0.025	1.5	1.3	0.25	12	0.1	4.1	0.031	0.05	1	34	0.1	50
1110705	0.36	181	0.7	0.005	17.5	0.028	10.8	0.025	0.6	2.6	0.25	11	0.1	3	0.035	0.05	0.8	42	0.1	51
1110706	0.24	136	0.9	0.004	13.4	0.032	21.8	0.025	2.8	1.2	0.25	8	0.1	1.8	0.018	0.3	1.2	30	0.1	49
1110707	0.28	159	0.7	0.004	12.7	0.025	45.3	0.025	2	1.8	0.25	9	0.1	3.9	0.018	0.3	1.9	29	0.1	48
1110708	0.34	226	1.1	0.005	18.1	0.051	23.1	0.025	1.3	1.7	0.25	10	0.1	1.2	0.02	0.2	1.7	34	0.1	56
1110709	0.3	141	0.6	0.004	12.2	0.03	22.8	0.025	1.2	1.4	0.25	8	0.1	4.1	0.018	0.2	1.2	27	0.1	48
1110710	0.23	137	1	0.004	12.9	0.033	34.9	0.025	2.2	1.4	0.25	8	0.1	3.7	0.018	0.2	1.6	32	0.1	51
1110711	0.36	188	0.7	0.005	15.1	0.023	17.1	0.025	1.3	2.1	0.25	9	0.1	6.1	0.031	0.1	1.3	30	0.1	52
1110712	0.39	306	0.9	0.006	20.9	0.048	13.6	0.025	0.9	2.3	0.25	21	0.1	4.7	0.045	0.05	0.9	37	0.2	62
1110713	0.21	97	0.7	0.004	8.7	0.025	18.5	0.025	1.7	1.1	0.25	8	0.1	1.6	0.026	0.1	0.8	38	0.1	28
1110714	0.38	225	0.7	0.005	16.8	0.03	15.3	0.025	2.9	2.4	0.25	10	0.1	5.1	0.036	0.1	1.2	36	0.2	53
1110715	0.37	307	0.6	0.005	20.9	0.032	15.7	0.025	2.3	2.4	0.25	11	0.1	6.4	0.039	0.05	1.2	32	0.2	63
1110716	0.41	227	0.6	0.005	18.4	0.041	12	0.025	1	2.5	0.25	12	0.1	3.3	0.043	0.05	1	37	0.1	54
1110717	0.41	326	0.6	0.004	19.5	0.032	14.4	0.025	1	2.1	0.25	11	0.1	5.4	0.041	0.05	1.1	32	0.2	65
1110718	0.37	242	0.7	0.005	18.7	0.049	10.9	0.025	0.7	2.9	0.25	9	0.1	3.6	0.033	0.1	0.9	40	0.1	53
1110719	0.43	245	0.8	0.007	21.9	0.05	12.2	0.025	1.6	3.1	0.25	14	0.1	5.4	0.032	0.05	1.6	33	0.1	66
1110720	0.4	346	0.8	0.007	23.6	0.038	15.9	0.025	4.4	2.9	0.25	11	0.1	5.2	0.024	0.05	1	32	0.1	70
1110721	0.39	357	1	0.019	25.2	0.048	34.2	0.025	5	2.8	0.5	18	0.1	6.6	0.032	0.05	1	30	0.6	81
1110722	0.35	244	0.6	0.007	18.8	0.042	18.6	0.025	4.3	2.2	0.25	11	0.1	4.5	0.03	0.05	0.9	30	0.1	55
1110723	0.36	227	0.6	0.005	19	0.04	12.6	0.025	1.9	2.6	0.25	9	0.1	4.1	0.029	0.05	0.9	31	0.1	57
1110724	0.39	380	0.8	0.034	29.7	0.044	48.8	0.025	2.7	2.2	0.25	13	0.1	8	0.023	0.05	1.2	27	1.4	90
1110725	0.34	222	0.6	0.006	25	0.043	11.5	0.025	2	2.6	0.25	11	0.1	6.6	0.027	0.05	1.1	23	0.2	59
1110726	0.32	215	0.5	0.004	21.1	0.03	12.5	0.025	2.6	1.3	0.6	7	0.1	3.9	0.011	0.05	0.8	22	0.05	51
1110727	0.38	303	0.7	0.007	30.2	0.038	24.8	0.025	2.7	1.9	0.25	11	0.1	10.2	0.012	0.05	1.8	20	0.1	82
1110728	0.44	309	0.7	0.004	24.3	0.044	13.1	0.025	3.3	2	0.25	11	0.1	11.7	0.022	0.05	1.6	24	0.05	68
1110729	0.37	312	0.6	0.006	23	0.043	13.2	0.025	1.1	2.5	0.7	13	0.1	6.6	0.021	0.05	1.1	22	0.1	57
1110730	0.43	346	0.8	0.007	25.2	0.046	11.4	0.025	1.5	3.5	0.25	19	0.1	6.1	0.038	0.05	1.3	35	0.2	65
1110731	0.4	369	0.8	0.003	28.1	0.034	14.1	0.025	2.1	2.2	0.25	13	0.1	7.7	0.027	0.05	1.3	31	0.1	66
1110732	0.4	381	0.8	0.004	29.4	0.045	13.2	0.025	1.9	3.2	0.25	14	0.1	8	0.033	0.05	1.3	34	0.2	64
1110733	0.33	507	0.8	0.002	30.8	0.034	17.3	0.025	2.6	2.2	0.25	9	0.1	10.9	0.02	0.05	1.7	25	0.05	71
1110734	0.36	364	0.9	0.003	28.2	0.038	21.6	0.025	2.1	2.2	0.25	8	0.1	6.6	0.027	0.05	1.3	32	0.1	77
1110735	0.35	186	1.1	0.003	16.7	0.043	15.9	0.025	1.5	1.2	0.5	9	0.1	1.4	0.019	0.05	1.2	35	0.1	50
1110736	0.38	260	1	0.004	19.1	0.041	12.6	0.025	1.4	2.6	0.25	10	0.1	3.3	0.031	0.05	1.2	39	0.2	57
1110737	0.66	391	1.1	0.004	31.2	0.066	12.6	0.025	1.3	4.4	0.6	19	0.1	5.7	0.051	0.1	1.5	50	0.2	71
1110738	0.52	273	0.9	0.004	20.8	0.039	12.3	0.025	1	3.1	0.25	15	0.1	6.2	0.043	0.05	1.2	41	0.2	54
1110739	0.47	277	0.8	0.006	22.4	0.041	12.8	0.025	1.4	2.4	0.25	14	0.1	7.8	0.039	0.05	1.3	34	0.2	59
1110740	0.46	275	0.8	0.004	21.2	0.043	11.2	0.025	1.1	2.9	0.25	16	0.1	4.3	0.039	0.05	1.6	41	0.2	61
1110741	0.46	299	1	0.005	22	0.046	13.7	0.025	1.8	3.1	0.25	17	0.1	5	0.038	0.05	1.4	40	0.2	62
1110742	0.4	269	0.8	0.004	20.3	0.036	12.6	0.025	1.4	2.3	0.25	13	0.1	5.4	0.035	0.05	1.1	35	0.2	58
1110743	0.33	268	0.8	0.005	24	0.037	10.3	0.025	1.5	2.3	0.25	13	0.1	5.8	0.019	0.05	1.3	27	0.1	60
1110745	0.37	278	0.7	0.005	19.8	0.044	10.3	0.025	0.9	2.6	0.25	10	0.1	5.3	0.017	0.05	2.2	30	0.1	61
1110746	0.35	225	0.7	0.005	19	0.045	10.6	0.025	1	2.6	0.7	12	0.1	4.1	0.018	0.05	1.9	32	0.1	57
1110747	0.26	176	0.6	0.005	19.6	0.035	12.6	0.025	1.8	1.5	0.6	8	0.1	4.5	0.012	0.05	1.3	25	0.05	49
1110749	0.3	445	0.9	0.005	27.3	0.052	17.6	0.025	2.6	2.2	1	8	0.1	8.4	0.019	0.05	1.7	23	0.2	85
1110750	0.3	396	1	0.005	32.3	0.041	21.3	0.025	4.3	1.6	0.6	9	0.1	10.9	0.009	0.05	1.7	21	0.05	88

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1110751	408447	7083975	8N	0.05	1.29	10.5	4.6	3	116	0.2	0.12	0.3	7.5	24	21.4	2.48	4	0.05	0.04	15
1110752	408407	7084007	8N	0.2	1.18	15	8.3	3	193	0.2	0.12	0.2	9.5	22	23.5	2.6	3	0.04	0.04	18
1110753	408364	7084037	8N	0.05	1.37	10.5	4.5	2	92	0.2	0.1	0.1	6.1	32	15.9	2.3	4	0.05	0.03	14
1110754	408331	7084078	8N	0.1	1.43	12.2	6.4	3	175	0.2	0.12	0.2	8.4	27	31.6	2.56	4	0.08	0.05	19
1110755	408286	7084102	8N	0.05	1.42	9.4	6	2	118	0.2	0.1	0.2	9	28	25	2.63	4	0.04	0.03	19
1110756	408243	7084132	8N	0.05	1.33	9.3	7.5	2	85	0.2	0.09	0.1	6.2	34	19.4	2.3	4	0.05	0.03	17
1110757	408205	7084167	8N	0.05	1.19	17.1	5.4	2	103	0.2	0.11	0.3	10.2	26	23.4	2.24	3	0.03	0.04	19
1110758	408169	7084205	8N	0.05	1.43	12.9	3.1	3	299	0.2	0.14	0.2	12.8	39	31.9	2.78	4	0.03	0.04	25
1110759	408132	7084245	8N	0.1	1.4	10	5.4	2	166	0.2	0.13	0.2	9.9	29	26	2.53	4	0.03	0.04	24
1110760	408102	7084286	8N	0.05	1.4	9.6	9	2	115	0.2	0.13	0.2	8.7	30	21.5	2.33	4	0.04	0.04	16
1110761	408067	7084326	8N	0.05	1.39	11.2	2	0.5	205	0.2	0.1	0.05	8.3	26	22.5	2.79	4	0.02	0.04	21
1110762	408028	7084354	8N	0.05	1.28	10.2	4.6	2	84	0.2	0.08	0.2	7.2	28	17	2.33	4	0.04	0.04	16
1110763	407988	7084386	8N	0.05	1.22	7.7	2.6	0.5	180	0.2	0.1	0.3	12.5	30	31.3	2.31	4	0.04	0.03	23
1110764	407948	7084420	8N	0.05	1.31	7.7	5	1	153	0.2	0.12	0.05	8.1	30	21.1	2.17	4	0.03	0.03	18
1110765	407899	7084438	8N	0.1	1.08	10.8	1.2	0.5	217	0.1	0.18	0.3	11	22	31.4	2.21	3	0.02	0.05	18
1110766	407854	7084463	8N	0.1	1.27	11	9.5	0.5	169	0.1	0.17	0.4	8.1	25	23.6	2.25	3	0.04	0.04	16
1110767	407813	7084496	8N	0.05	1.25	11.3	1.7	1	126	0.2	0.11	0.2	11	26	22.1	2.31	4	0.04	0.04	18
1110768	407767	7084521	8N	0.05	1.22	8.9	2.5	0.5	97	0.2	0.1	0.1	6.5	23	17.6	2.13	4	0.03	0.04	16
1110769	407721	7084546	8N	0.05	1.32	37.7	19.2	2	154	0.2	0.1	0.1	9.2	33	21.5	2.46	4	0.03	0.04	18
1110770	407675	7084570	8N	0.05	1.23	9.3	3.5	0.5	151	0.2	0.13	0.1	8	25	19.8	2.25	4	0.04	0.04	19
1110771	407631	7084598	8N	0.1	1.35	10.9	1.7	0.5	282	0.2	0.17	0.2	9.5	29	30.1	2.56	4	0.04	0.06	24
1110772	407586	7084622	8N	0.05	1.53	12.1	4.9	0.5	211	0.3	0.11	0.2	8.3	32	23.3	2.78	5	0.05	0.06	25
1110773	407540	7084634	8N	0.1	1.46	13.6	7.2	1	137	0.3	0.12	0.3	16.3	61	39.4	3.26	4	0.04	0.06	25
1110774	407497	7084660	8N	0.3	1.86	20.1	3.2	0.5	149	0.4	0.08	0.1	10.3	41	38	3.65	5	0.05	0.06	25
1110775	407455	7084692	8N	0.05	1.28	15.1	1.5	0.5	86	0.3	0.08	0.2	10.7	27	21.5	3.42	4	0.02	0.05	23
1110776	407433	7084736	8N	0.2	1.36	18.4	2.8	2	114	0.7	0.14	0.5	19.6	43	60.4	5.71	4	0.03	0.05	42
1110777	407389	7084769	8N	0.2	1.13	11.2	6.7	1	128	0.2	0.2	0.1	7.9	25	23.1	2.4	3	0.04	0.04	20
1110778	407340	7084795	8N	0.05	1.03	10.5	3	2	98	0.2	0.14	0.1	7.7	25	18.2	2.16	3	0.06	0.04	16
1110779	407299	7084827	8N	0.3	1.1	36.5	8	1	132	0.2	0.16	0.9	9.2	27	20.9	2.33	3	0.03	0.03	19
1110780	407256	7084858	8N	0.2	1.01	21.9	6.9	5	166	0.2	0.15	0.5	6.6	23	19.1	2.07	3	0.03	0.03	17
1110782	407213	7084890	8N	0.2	1.01	17	13.4	0.5	161	0.1	0.15	0.3	6.3	23	16.6	1.86	3	0.03	0.03	15
1110784	407169	7084932	8N	0.05	1.12	12.7	2.3	0.5	102	0.1	0.16	0.3	5.5	22	13.8	2.06	3	0.03	0.04	15
1110785	407135	7084969	8N	0.05	1.13	16.8	3.3	1	140	0.2	0.14	0.2	7.7	24	20	2.08	3	0.04	0.04	15
1110786	405366	7081273	8N	0.05	0.79	13.4	4.6	2	137	0.3	0.07	0.05	9.6	15	24.7	2.51	3	0.04	0.05	47
1110787	405384	7081320	8N	0.1	0.95	14.5	2.7	0.5	90	0.2	0.05	0.05	6	16	19.7	2.34	3	0.05	0.04	41
1110788	405404	7081367	8N	0.05	1.11	12.2	4.1	2	255	0.2	0.14	0.2	9.5	20	29.1	2.69	4	0.04	0.05	25
1110789	405437	7081405	8N	0.05	1.03	10.5	15.3	2	115	0.3	0.06	0.05	8.9	19	24.6	2.87	4	0.05	0.04	35
1110790	405444	7081456	8N	0.05	1.09	15.6	3.6	1	116	0.3	0.07	0.05	8.7	18	26.7	2.98	3	0.05	0.04	38
1110791	405458	7081504	8N	0.05	1.23	6.4	1.6	1	79	0.3	0.04	0.05	8.8	19	31.1	3.57	4	0.03	0.04	49
1110792	405475	7081552	8N	0.05	1.12	9.9	1.3	1	61	0.3	0.06	0.05	7.1	19	19	2.74	4	0.04	0.04	25
1110793	405500	7081596	8N	0.05	1.02	8.5	2	2	92	0.3	0.08	0.05	11.4	14	30.3	2.84	3	0.03	0.04	39
1110794	405526	7081640	8N	0.1	1.3	9.3	3.1	1	60	0.5	0.02	0.1	23.8	19	62.3	4.91	4	0.03	0.04	65
1110796	405560	7081678	8N	0.05	1.31	12.4	4.1	0.5	103	0.3	0.09	0.1	6.9	24	19.5	2.6	4	0.05	0.04	18
1110797	405584	7081722	8N	0.1	0.68	13.5	3	0.5	77	0.5	0.02	0.1	21.5	13	57.4	4.05	2	0.02	0.03	50
1110798	405617	7081760	8N	0.1	0.67	10.5	2.9	0.5	43	0.5	0.02	0.05	20	12	53.3	4.51	2	0.01	0.03	54
1110799	405656	7081790	8N	0.05	1.21	22.2	4.8	0.5	61	0.3	0.05	0.2	12.8	23	32.1	3.14	3	0.03	0.03	30

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1110751	0.34	210	1	0.004	19.8	0.066	12.1	0.025	1.3	1.3	0.25	13	0.5	0.7	0.016	0.2	1	39	0.1	53
1110752	0.36	349	0.9	0.004	19.7	0.066	23.4	0.025	3.5	2.7	0.25	12	0.1	2.6	0.023	0.1	1.3	36	0.2	67
1110753	0.36	149	1.2	0.004	18.9	0.055	13.8	0.025	1.1	1.3	0.25	9	0.2	0.7	0.015	0.1	0.8	42	0.2	45
1110754	0.43	203	0.7	0.006	24.5	0.058	14.6	0.025	1.3	2.4	0.6	12	0.1	2.2	0.025	0.05	1.3	41	0.2	60
1110755	0.44	262	1	0.004	22.5	0.061	13.7	0.025	0.8	2.2	0.25	10	0.1	2.4	0.017	0.05	1.1	41	0.2	58
1110756	0.37	115	0.9	0.003	21.2	0.056	13.6	0.025	1.1	1.1	0.25	9	0.2	0.7	0.013	0.1	1	38	0.1	42
1110757	0.39	315	0.7	0.004	24.9	0.057	19.4	0.025	2.8	2.1	0.25	10	0.1	3.1	0.024	0.05	1	35	0.2	62
1110758	0.51	363	0.9	0.005	32.8	0.058	17.7	0.025	4.2	2.9	0.25	14	0.2	4.1	0.025	0.05	1.3	39	0.2	68
1110759	0.45	278	0.8	0.004	25.3	0.058	11.5	0.025	1.9	2.4	0.25	12	0.1	3.2	0.03	0.05	1.1	38	0.1	67
1110760	0.4	194	0.7	0.005	19.2	0.067	12.2	0.025	1	1.6	0.25	11	0.1	1.1	0.024	0.05	0.8	41	0.2	53
1110761	0.37	207	0.9	0.005	15.6	0.057	14.1	0.025	0.9	2.1	0.25	11	0.1	2.2	0.022	0.1	1.1	41	0.2	53
1110762	0.34	220	1	0.004	17.6	0.053	12.4	0.05	0.8	1.3	0.25	9	0.3	0.8	0.023	0.05	0.8	44	0.2	50
1110763	0.43	332	0.9	0.005	30.4	0.041	16.4	0.025	1.1	2.1	0.25	10	0.1	4.1	0.033	0.05	1	37	0.1	57
1110764	0.4	205	0.6	0.01	22.1	0.046	10.9	0.05	0.6	1.9	0.25	10	0.1	2.2	0.031	0.05	1	39	0.2	54
1110765	0.37	353	0.9	0.005	29.2	0.065	10.6	0.025	1.2	3	0.6	14	0.1	4.5	0.041	0.05	1.2	38	0.3	64
1110766	0.39	219	0.7	0.006	19.8	0.072	11.2	0.025	0.9	2.7	1.1	14	0.1	2.8	0.035	0.05	1.2	39	0.2	64
1110767	0.37	497	0.8	0.005	20.9	0.05	11.6	0.025	1.3	2	0.25	10	0.1	1.8	0.03	0.1	1	40	0.2	52
1110768	0.31	157	1	0.004	17.4	0.047	14.1	0.025	1.1	1.5	0.25	9	0.1	1	0.021	0.05	0.8	39	0.1	46
1110769	0.4	289	0.8	0.004	21.4	0.046	15.3	0.025	2.6	2.3	0.25	10	0.1	2.5	0.023	0.1	0.9	42	0.2	53
1110770	0.37	268	0.8	0.004	18	0.056	12.5	0.025	1.1	1.6	0.25	12	0.1	1	0.02	0.05	1	38	0.2	52
1110771	0.44	319	0.8	0.005	26.8	0.062	14	0.025	1.3	3	0.25	15	0.1	3	0.03	0.1	1.2	41	0.2	64
1110772	0.38	257	1.1	0.005	22.8	0.054	18.9	0.025	1.1	2.5	0.25	12	0.1	2.1	0.025	0.1	1.4	46	0.1	59
1110773	0.65	501	1.4	0.005	55.5	0.058	22.1	0.025	1.9	3.5	0.7	11	0.1	6.5	0.03	0.05	1.5	44	0.2	77
1110774	0.51	211	1.3	0.005	37	0.068	36.2	0.025	6.2	2.7	0.8	11	0.1	2.6	0.017	0.1	2.2	45	0.2	76
1110775	0.4	352	1.4	0.004	22	0.047	17.8	0.06	7.5	1.7	0.25	9	0.1	3.3	0.025	0.05	0.9	43	0.2	67
1110776	0.52	565	2.1	0.007	52	0.069	35	0.09	9.5	2.9	0.9	21	0.3	11.9	0.009	0.05	2.4	29	0.1	103
1110777	0.35	235	0.8	0.005	23.6	0.07	12.6	0.06	3.9	2.2	0.25	14	0.1	4.2	0.029	0.1	1	37	0.4	60
1110778	0.36	208	0.7	0.005	21.8	0.047	12.4	0.07	3.2	1.9	0.5	12	0.1	2.8	0.029	0.05	0.8	37	0.2	58
1110779	0.36	310	1	0.005	22.1	0.064	65.5	0.025	25.4	1.9	0.25	12	0.1	3.8	0.031	0.05	0.9	39	0.4	80
1110780	0.32	201	0.8	0.004	20.2	0.058	33.8	0.025	11.3	1.6	0.25	12	0.1	2.3	0.024	0.05	0.8	35	0.3	61
1110782	0.32	152	0.7	0.005	15.3	0.058	32.9	0.07	9.7	1.7	0.25	12	0.1	1.3	0.025	0.05	0.8	33	0.3	59
1110784	0.31	206	0.8	0.005	14.3	0.059	16.9	0.025	3.4	1.6	0.6	12	0.1	2	0.028	0.05	0.7	35	0.3	55
1110785	0.36	252	0.8	0.004	17.7	0.055	12.9	0.025	2.3	1.8	0.25	12	0.1	3.2	0.028	0.05	0.8	36	0.3	54
1110786	0.23	239	0.7	0.004	20.5	0.04	17.2	0.025	3.8	1.4	0.25	13	0.1	5.3	0.013	0.1	1.2	23	0.1	57
1110787	0.24	141	1.1	0.004	14.5	0.037	15.5	0.025	2.4	1.1	0.25	11	0.1	2.7	0.013	0.1	1.2	26	0.1	46
1110788	0.4	339	0.7	0.005	22.4	0.044	14.2	0.025	2	2.9	0.25	17	0.1	6	0.033	0.1	1.2	35	0.2	68
1110789	0.26	204	0.8	0.004	20.4	0.048	18.2	0.025	2.2	1.1	0.25	9	0.1	1.7	0.014	0.2	1.2	33	0.2	60
1110790	0.31	174	0.8	0.004	20.5	0.039	18.2	0.025	2	1.6	0.25	11	0.1	4.2	0.014	0.3	1.4	31	0.2	60
1110791	0.39	233	1	0.004	18.4	0.07	17.9	0.025	1.3	1.1	0.5	8	0.1	4.7	0.01	0.1	1.6	26	0.2	68
1110792	0.29	184	0.9	0.004	16.7	0.041	17.9	0.025	1.5	1.4	0.5	8	0.1	4.6	0.018	0.1	0.8	34	0.1	50
1110793	0.32	263	0.9	0.004	25.6	0.039	19.1	0.025	2.3	1.7	0.9	9	0.1	9.8	0.019	0.2	1.4	27	0.2	68
1110794	0.53	426	0.8	0.004	52.9	0.045	35.2	0.025	1.6	1.3	0.7	9	0.1	18.6	0.004	0.05	2.7	14	0.05	128
1110796	0.36	179	1	0.005	15.7	0.054	17.1	0.025	1.9	1.4	0.8	10	0.1	1.5	0.022	0.1	1.2	39	0.1	49
1110797	0.18	271	1.4	0.004	40	0.045	27.4	0.025	1	1.1	1.2	6	0.1	6.9	0.006	0.05	2.8	15	0.05	102
1110798	0.14	291	1.4	0.003	40.7	0.039	26.3	0.025	1.6	1.3	0.25	7	0.1	11.5	0.005	0.1	3.2	15	0.05	103
1110799	0.39	236	0.9	0.003	31.3	0.039	42.4	0.025	14.2	1.6	0.7	8	0.1	7.8	0.015	0.05	1.1	27	0.05	94

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1110800	405700	7081815	8N	0.05	1.61	28.8	2	3	79	0.2	0.11	0.2	14.6	43	32.4	3.07	4	0.03	0.03	20
1110801	407402	7079204	8N	0.05	1.01	11.4	7.6	0.5	104	0.2	0.12	0.2	5.6	19	17.5	1.96	4	0.04	0.04	22
1110802	407356	7079183	8N	0.05	0.8	21.8	6.9	1	153	0.2	0.22	0.4	8	19	23.9	2.1	2	0.02	0.05	23
1110803	407308	7079171	8N	0.2	0.65	50.7	6.8	0.5	48	0.3	0.05	0.05	5.8	11	17.3	1.94	4	0.03	0.03	43
1110804	407164	7079136	8N	0.3	0.81	74	2.4	0.5	118	0.6	0.29	0.3	8.3	20	20.7	2.41	3	0.02	0.05	31
1110805	407114	7079130	8N	0.1	1.05	22.8	4.2	1	158	0.3	0.17	0.5	9.1	23	28.3	2.27	3	0.04	0.05	25
1110806	407065	7079119	8N	0.05	0.92	12.6	4.6	0.5	111	0.2	0.18	0.2	7.7	20	22.8	2.07	3	0.02	0.04	20
1110807	407016	7079113	8N	0.1	1.06	12.2	6.3	1	150	0.3	0.18	0.3	8	20	24.5	2.22	3	0.03	0.04	24
1110808	406966	7079118	8N	0.3	1.2	15	3.4	2	290	0.4	0.31	0.2	8.2	21	24.9	2.18	4	0.06	0.04	23
1110809	406915	7079111	8N	0.4	1.34	40.3	9.3	1	130	0.5	0.24	0.3	23.9	43	51.1	3.73	4	0.02	0.06	46
1110810	406866	7079112	8N	0.5	1.47	73.6	19.3	2	148	0.6	0.22	0.3	20.5	36	99.8	3.4	4	0.02	0.09	47
1110811	406815	7079117	8N	0.4	1.89	88.6	33.9	2	232	0.8	0.41	0.3	20.9	62	59	4.04	6	0.04	0.1	48
1110812	406765	7079127	8N	0.2	1	16.1	10.2	1	149	0.3	0.22	0.3	10.8	27	33.3	2.44	3	0.04	0.04	28
1110813	406715	7079129	8N	0.7	1.14	102	27.2	0.5	165	0.3	0.53	0.6	16.9	49	69.1	4.6	4	0.04	0.06	53
1110814	406664	7079128	8N	0.2	1.84	12.7	4.1	1	274	0.2	0.73	0.3	11.5	44	35.9	2.89	6	0.04	0.11	36
1110815	406615	7079135	8N	0.2	1.46	17	7.5	0.5	213	0.2	0.48	0.4	12	33	31.9	2.45	5	0.03	0.07	24
1110816	406569	7079116	8N	0.3	1.96	35.8	7.5	0.5	308	0.3	0.59	0.3	14.7	42	40.9	3.17	6	0.03	0.1	34
1110817	406518	7079107	8N	0.6	2.31	22.7	5.4	0.5	462	0.2	0.84	0.7	24.1	103	58.6	4.07	7	0.03	0.26	33
1110818	406468	7079102	8N	0.4	2.56	143.5	34.1	1	664	0.2	0.93	1.2	28.8	128	68.6	4.46	9	0.03	0.2	34
1110819	406418	7079099	8N	0.5	2.07	61.9	29.2	0.5	216	0.3	0.43	0.4	20.4	77	74.3	3.76	6	0.03	0.13	32
1110820	406368	7079102	8N	0.3	2.1	46	9.3	0.5	172	0.4	0.3	0.4	20.5	75	65.1	4.18	7	0.01	0.18	28
1110821	406318	7079102	8N	0.05	1.54	12.9	16.5	0.5	143	0.3	0.19	0.2	11.9	28	28.2	2.73	4	0.03	0.08	33
1110822	406268	7079097	8N	0.1	1.29	16.8	4.1	1	115	0.2	0.13	0.2	12.4	29	23.7	2.75	4	0.02	0.07	23
1110823	406218	7079088	8N	0.2	0.94	14.1	6.5	0.5	44	0.3	0.06	0.2	7.1	18	15.9	2.3	5	0.06	0.02	16
1110824	406169	7079091	8N	0.05	1.23	13	1.9	1	94	0.2	0.14	0.3	10.9	22	33.3	2.35	3	0.03	0.03	20
1110825	406119	7079080	8N	0.3	1.6	115.2	55.6	1	136	0.4	0.34	0.3	19.3	62	58.1	3.65	5	0.02	0.13	46
1110826	406072	7079063	8N	0.5	0.8	38.3	14.4	1	154	0.3	0.44	0.3	12.7	22	41.7	3.18	3	0.06	0.04	39
1110827	406022	7079056	8N	0.2	1.66	55.6	22.5	1	188	0.3	0.3	0.3	15.7	48	50.4	3.17	5	0.02	0.17	26
1110828	405973	7079048	8N	0.4	1.27	139.4	72	1	177	0.3	0.33	0.4	10.8	40	42.9	2.77	4	0.04	0.06	21
1110829	405924	7079039	8N	0.5	1.18	40.6	10.6	0.5	198	0.3	0.39	0.4	10.1	30	40.1	2.56	4	0.04	0.07	19
1110831	405806	7079207	8N	0.6	1.27	7.9	2.5	0.5	231	0.3	0.3	1.4	12.9	25	40.5	2.42	3	0.04	0.05	30
1110832	405848	7079234	8N	0.3	1.65	11.3	2.3	0.5	202	0.3	0.45	0.2	16.2	42	45.6	3.14	6	0.02	0.04	23
1110841	413576	7082503	8N	0.05	1.44	9.4	6.2	1	79	0.3	0.07	0.2	7.9	22	26.9	2.88	5	0.04	0.04	20
1110842	413627	7082495	8N	0.05	1.24	7.1	1.7	0.5	56	0.4	0.04	0.05	9.1	17	36.5	3.43	4	0.02	0.05	36
1110843	413679	7082500	8N	0.1	1.25	4	1.2	0.5	37	0.4	0.02	0.05	38.3	12	74.6	5.86	2	0.01	0.06	39
1110844	413729	7082515	8N	0.1	1.32	10.9	2.6	0.5	34	0.7	0.02	0.05	8.5	17	54.4	4.92	4	0.01	0.05	60
1110845	413341	7082590	8N	0.05	0.96	11	4.2	0.5	56	0.2	0.06	0.05	6.9	17	15.4	2.37	3	0.04	0.04	17
1110851	408540	7079852	8N	0.4	1.07	39.9	2.2	3	67	0.9	0.27	0.4	22.2	20	66.9	6.49	4	0.04	0.05	27
1110852	408508	7079807	8N	0.4	1.21	61.2	0.25	0.5	88	0.6	0.09	0.2	19.3	21	44.7	4.41	5	0.02	0.06	43
1110853	408436	7079744	8N	0.3	1.09	24.9	1.2	0.5	55	0.5	0.13	0.2	19.5	17	46.8	5.44	5	0.02	0.05	47
1110854	408418	7079641	8N	0.8	1.58	66.9	2.5	0.5	37	1	0.05	0.2	14.3	24	87.1	7.12	5	0.01	0.05	51
1110855	408395	7079583	8N	0.5	1.15	45.4	0.25	1	84	0.5	0.12	0.2	16.8	18	48.9	4.77	4	0.03	0.05	49
1110856	408319	7079456	8N	0.2	0.87	68.5	3.8	1	82	0.4	0.12	0.2	16.8	16	30.3	3.34	3	0.03	0.03	33
1110857	408246	7079402	8N	0.3	0.82	75	3	0.5	43	0.4	0.06	0.3	17.7	16	29.2	3.69	2	0.005	0.04	39
1110858	410998	7081393	8N	0.05	1.26	8.7	2.2	0.5	93	0.2	0.11	0.2	11.4	19	23.9	2.58	3	0.02	0.04	21
1110859	410958	7081360	8N	0.05	1.63	10.3	20.1	0.5	118	0.5	0.05	0.1	14.1	19	53.2	5.07	5	0.02	0.05	45

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1110800	0.7	344	0.8	0.004	39.4	0.057	15.2	0.025	12.8	2.8	0.25	11	0.1	3.8	0.019	0.1	1	41	0.1	74
1110801	0.31	199	0.7	0.006	13.6	0.061	12	0.025	0.7	1.6	0.25	13	0.1	1.9	0.026	0.05	1.1	32	0.2	51
1110802	0.29	320	0.6	0.007	22	0.088	14.2	0.025	1	2.3	0.25	21	0.1	7.9	0.05	0.05	1.1	30	0.2	69
1110803	0.07	185	1	0.005	15.1	0.039	16.6	0.025	0.8	0.9	0.25	7	0.1	2.7	0.012	0.1	1	30	0.1	48
1110804	0.27	369	1.1	0.005	19.3	0.061	32	0.025	0.6	1.3	0.25	23	0.1	2.7	0.021	0.1	1.2	27	0.2	68
1110805	0.37	388	0.8	0.006	22.5	0.059	17.6	0.025	0.8	2.3	0.25	18	0.1	3.9	0.034	0.05	0.9	34	0.2	75
1110806	0.33	252	0.7	0.005	20	0.065	14.2	0.025	0.6	1.7	0.25	17	0.1	4.7	0.034	0.05	0.8	31	0.2	62
1110807	0.33	293	0.8	0.005	19.2	0.064	13.9	0.025	0.5	2.1	0.25	17	0.1	3.5	0.025	0.05	1	33	0.2	60
1110808	0.32	402	1	0.006	19.4	0.07	18.3	0.025	0.4	1.4	0.6	25	0.1	0.6	0.016	0.1	1	37	0.3	61
1110809	0.77	1264	0.8	0.003	61.6	0.071	24	0.025	0.4	3.7	0.25	27	0.1	12.8	0.014	0.05	1.1	33	0.1	92
1110810	0.72	1155	1.3	0.005	44.3	0.065	23.7	0.025	0.4	2.9	0.25	24	0.1	10.4	0.037	0.1	1.3	36	0.4	88
1110811	0.88	1372	1	0.006	60.7	0.058	30.7	0.025	0.4	4.6	0.25	41	0.1	6.7	0.042	0.2	1.3	53	0.3	99
1110812	0.43	456	0.7	0.004	29.2	0.059	17.9	0.025	0.4	2.6	0.25	19	0.1	5.4	0.025	0.1	1.1	32	0.3	73
1110813	0.58	848	2.3	0.005	59.1	0.148	23.5	0.025	1.2	5.8	0.6	40	0.1	6	0.015	0.2	1.7	57	0.2	120
1110814	1.23	467	0.8	0.018	30.5	0.119	16.2	0.025	0.5	4	0.6	45	0.1	9.1	0.071	0.2	1.2	52	0.2	78
1110815	0.83	256	0.7	0.01	28.2	0.101	16.1	0.025	0.7	3.2	0.25	33	0.1	4.5	0.041	0.2	0.9	46	0.2	82
1110816	1.17	487	0.9	0.019	38.3	0.117	22.5	0.025	0.6	4.4	0.5	42	0.1	8.3	0.059	0.2	1.2	55	0.1	90
1110817	2.02	626	0.9	0.016	95.3	0.144	17.2	0.025	0.6	8.6	0.25	47	0.1	8.3	0.104	0.2	0.7	89	0.2	105
1110818	2.44	1017	1.1	0.01	108.9	0.167	20.4	0.025	1.5	10.3	0.6	56	0.1	8.4	0.115	0.3	0.8	99	0.1	135
1110819	1.33	413	1.6	0.006	55	0.125	18.9	0.025	1.3	4.9	0.7	44	0.1	9.9	0.069	0.3	1.6	67	0.2	109
1110820	1.19	594	2	0.009	63	0.104	19.1	0.025	1	4	0.7	37	0.1	9.9	0.065	0.3	1.4	66	0.3	125
1110821	0.47	289	0.8	0.007	27.7	0.06	13	0.025	0.5	2.4	0.25	20	0.1	6.3	0.047	0.1	1.1	41	0.2	61
1110822	0.42	500	0.9	0.006	27.2	0.061	16.8	0.025	0.5	1.6	0.6	14	0.1	3.9	0.034	0.1	0.9	41	0.3	69
1110823	0.22	371	1	0.003	11.3	0.047	15.1	0.025	0.4	1.1	0.25	7	0.1	3.3	0.028	0.05	0.6	41	0.3	36
1110824	0.35	430	0.7	0.005	22.2	0.071	11.8	0.025	0.5	1.6	0.25	12	0.1	3.3	0.026	0.05	0.8	36	0.3	66
1110825	0.99	443	2.1	0.009	67.7	0.102	19.8	0.025	0.9	2.9	0.7	54	0.1	9.4	0.037	0.2	1.6	51	0.2	85
1110826	0.25	591	2.7	0.004	29.4	0.167	16.7	0.025	3.4	3.3	0.25	25	0.1	6.6	0.01	0.4	1.4	33	0.2	84
1110827	0.84	296	1.6	0.005	45.2	0.105	14.9	0.025	1.7	2.8	0.7	31	0.1	7.5	0.068	0.2	1.5	54	0.2	88
1110828	0.64	567	2.8	0.007	33.8	0.137	14.2	0.025	1.6	1.8	0.7	34	0.1	1.3	0.021	0.3	1.6	48	0.3	86
1110829	0.61	400	3.1	0.006	28.6	0.128	15	0.025	4.7	2.3	0.9	37	0.1	3.2	0.026	0.2	1.9	43	0.2	77
1110831	0.5	514	0.9	0.006	27	0.072	45.7	0.025	0.4	2.5	0.25	23	0.1	7.3	0.02	0.2	1.4	30	0.2	128
1110832	0.94	467	1.5	0.006	31.5	0.083	15.8	0.025	0.3	3.1	0.25	29	0.1	6	0.033	0.1	1	54	0.1	82
1110841	0.35	258	1.3	0.005	16.6	0.048	20.5	0.025	0.7	1.2	0.25	10	0.1	1.2	0.017	0.1	1.1	37	0.1	63
1110842	0.44	217	1	0.005	15.8	0.039	29	0.025	0.7	1.3	0.25	11	0.1	12.4	0.011	0.05	1.5	22	0.05	71
1110843	0.22	432	2.3	0.009	85.6	0.045	44.7	0.025	0.9	2.5	0.25	8	0.1	26.4	0.001	0.05	4.9	9	0.05	143
1110844	0.6	182	0.9	0.007	19.1	0.048	33.6	0.025	1.7	1.3	0.25	9	0.1	26.3	0.004	0.05	2.7	12	0.05	99
1110845	0.28	273	0.8	0.004	16	0.036	15.6	0.025	0.7	1.3	0.25	7	0.1	3.8	0.02	0.05	0.8	30	0.2	48
1110851	0.41	746	2.2	0.006	31.9	0.065	38.2	0.025	1.1	0.9	0.25	25	0.1	18.7	0.004	0.05	1.4	14	0.05	91
1110852	0.48	851	1.4	0.006	32.8	0.05	33	0.025	1	1.1	0.25	13	0.1	12.7	0.007	0.05	1.4	19	0.05	92
1110853	0.51	396	1.4	0.004	36.4	0.052	23.2	0.025	1.5	2.5	0.25	16	0.1	15.3	0.004	0.05	1.6	41	0.05	90
1110854	0.6	287	2.2	0.004	29.9	0.06	43.7	0.025	1.3	1.3	0.9	13	0.1	30.3	0.002	0.05	2	16	0.05	90
1110855	0.41	573	1.3	0.005	33.4	0.045	26.2	0.025	0.8	1.1	0.25	16	0.1	19.8	0.003	0.05	1.5	17	0.05	86
1110856	0.33	818	1	0.004	28.5	0.056	27.5	0.025	5.9	1.3	0.25	16	0.1	7.2	0.006	0.2	3.3	18	0.1	86
1110857	0.38	342	0.9	0.003	26.5	0.047	27.2	0.025	9.3	1.3	0.6	11	0.1	13	0.009	0.1	1.7	16	0.05	96
1110858	0.34	242	0.8	0.005	24.2	0.045	12.3	0.025	0.9	1.9	0.25	10	0.1	5.5	0.022	0.05	1	33	0.1	53
1110859	0.64	362	2.2	0.006	24.4	0.056	16.1	0.025	0.9	2.4	0.5	14	0.1	19.8	0.008	0.05	2.3	26	0.05	84

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1110860	410910	7081343	8N	0.05	1.48	9.7	3.6	0.5	109	0.2	0.09	0.1	5.5	22	14.1	2.37	5	0.04	0.03	15
1110861	410860	7081333	8N	0.05	1.29	12	3.4	0.5	76	0.4	0.07	0.2	7.3	20	19.9	2.9	4	0.03	0.05	33
1110862	410810	7081320	8N	0.1	1.1	14.6	3.4	0.5	140	0.5	0.07	0.1	15.7	14	48.8	3.71	2	0.04	0.04	41
1110863	410763	7081301	8N	0.05	1.26	9.9	2.5	0.5	72	0.3	0.07	0.2	8.6	18	24.2	2.95	3	0.03	0.03	29
1110864	410714	7081283	8N	0.1	0.62	4.5	1.8	0.5	113	0.5	0.04	0.05	27.4	9	63.6	5.36	2	0.03	0.06	57
1110865	410666	7081263	8N	0.05	1.18	8.2	8.6	0.5	75	0.3	0.07	0.1	11.9	18	29.7	3.33	3	0.03	0.04	35
1110866	410616	7081248	8N	0.05	1.49	13.3	2.2	0.5	152	0.2	0.1	0.1	12.5	24	31.3	2.94	4	0.05	0.05	23
1110867	410568	7081225	8N	0.05	0.77	9	5.1	0.5	46	0.3	0.05	0.1	10.4	14	25.4	3	3	0.03	0.03	31
1110868	410520	7081203	8N	0.05	1.27	9.9	1.7	0.5	119	0.3	0.09	0.1	12.3	19	28.4	3.05	4	0.03	0.05	35
1110870	410473	7081183	8N	0.05	1.23	9.2	3.3	0.5	77	0.2	0.09	0.05	7.6	19	17.2	2.45	3	0.04	0.04	20
1110871	410427	7081161	8N	0.05	0.96	9.1	2	0.5	75	0.3	0.06	0.1	12.2	14	33.2	3.12	3	0.02	0.04	31
1110872	410382	7081137	8N	0.05	1.26	9.5	1.9	0.5	90	0.2	0.08	0.1	11.6	19	26.6	2.87	3	0.03	0.05	26
1110873	410341	7081108	8N	0.05	1.38	7.2	1.9	0.5	69	0.3	0.07	0.1	14.6	19	27.2	3.39	4	0.02	0.04	37
1110874	410296	7081086	8N	0.05	1.23	9.5	1.5	0.5	85	0.2	0.08	0.2	7.3	18	13.2	2.28	4	0.03	0.04	17
1110875	410253	7081058	8N	0.05	1.41	10.8	2.6	0.5	104	0.2	0.11	0.05	7.4	22	18.7	2.52	4	0.04	0.04	18
1110876	410207	7081034	8N	0.05	1.26	18.6	5.6	2	105	0.2	0.11	0.4	17.5	26	39.9	3.67	3	0.04	0.04	25
1110877	410165	7081008	8N	0.05	1.32	9.9	2.1	0.5	93	0.3	0.07	0.2	8.6	22	22.5	2.81	4	0.03	0.04	23
1110878	410124	7080980	8N	0.05	0.73	15.2	1.5	2	60	0.4	0.03	0.2	18.7	12	39.1	4.23	2	0.03	0.04	47
1110879	410081	7080954	8N	0.05	1.49	11	10.6	2	106	0.2	0.07	0.1	10.7	22	22.9	3.13	4	0.03	0.04	25
1110880	410038	7080927	8N	0.05	1.17	9.9	3.1	2	73	0.2	0.08	0.05	8	21	23.9	3.01	4	0.03	0.04	26
1110881	409991	7080903	8N	0.05	1.13	10.9	6.1	2	107	0.2	0.08	0.2	9.2	19	29.4	2.99	3	0.04	0.04	31
1110882	409949	7080875	8N	0.05	1.33	10.3	3.8	1	89	0.2	0.07	0.1	8.1	19	18	2.58	4	0.03	0.04	21
1110883	409907	7080847	8N	0.05	0.94	11.6	1.7	1	74	0.3	0.06	0.2	8.2	18	22	2.8	3	0.04	0.04	24
1110884	409864	7080819	8N	0.05	0.83	9.2	2.9	1	79	0.2	0.06	0.05	8.3	14	19.9	2.38	3	0.03	0.03	28
1110885	409815	7080798	8N	0.05	1.08	8.5	2.2	1	74	0.2	0.07	0.05	6	17	21.9	2.5	3	0.03	0.04	29
1110886	409769	7080775	8N	0.05	1.25	8.3	3.5	0.5	125	0.2	0.08	0.1	8.9	19	29.9	2.76	3	0.03	0.04	33
1110887	409719	7080760	8N	0.05	1.06	7.1	1.9	0.5	106	0.3	0.06	0.05	8	16	27	2.75	3	0.03	0.04	33
1110889	409656	7080770	8N	0.05	1.48	12	2.2	0.5	154	0.3	0.08	0.1	14.3	22	38.4	2.99	4	0.07	0.05	27
1110891	409604	7080768	8N	0.05	1.14	9.8	2.9	0.5	112	0.2	0.09	0.2	7.3	19	23	2.38	3	0.04	0.04	22
1110892	409069	7079242	8N	0.05	1.27	12.1	4.1	0.5	73	0.2	0.07	0.05	5.3	20	25.6	3.22	4	0.005	0.03	22
1110893	409018	7079230	8N	0.05	1.44	16	1.8	2	196	0.2	0.12	0.1	10.4	24	33.8	2.72	4	0.03	0.06	25
1110894	408975	7079200	8N	0.05	1.32	12.2	2.2	0.5	121	0.2	0.09	0.05	12.1	25	28	2.96	4	0.03	0.06	28
1110895	408925	7079191	8N	0.05	1.2	10	0.6	0.5	84	0.2	0.09	0.05	8.1	25	22	2.86	4	0.02	0.03	24
1110896	408876	7079194	8N	0.05	1.04	10.5	2.5	0.5	126	0.1	0.11	0.1	6.5	20	21.4	2.17	3	0.03	0.03	20
1110897	408820	7079197	8N	0.05	1.21	10.9	2.5	0.5	95	0.2	0.08	0.05	5.7	24	16	2.37	4	0.02	0.04	20
1110898	408771	7079194	8N	0.05	1.41	12.4	2.6	0.5	121	0.2	0.07	0.2	8.3	25	21.5	2.98	4	0.02	0.04	21
1110899	408723	7079178	8N	0.05	1.2	11.7	2.5	0.5	153	0.2	0.08	0.2	9.5	22	25.1	2.29	4	0.03	0.05	18
1110900	408676	7079185	8N	0.05	1.26	12.5	2.6	1	93	0.2	0.08	0.05	7.7	21	19.5	2.68	4	0.03	0.04	20
1110951	405403	7084916	8N	0.05	0.72	7	1.8	0.5	147	0.2	0.07	0.2	5.7	15	18.1	1.76	2	0.02	0.05	30
1110952	405447	7084944	8N	0.05	0.87	20	1.3	0.5	80	0.4	0.05	0.3	15.6	13	27.7	2.67	3	0.01	0.04	23
1110953	405485	7084978	8N	0.05	1.15	9.2	1.6	0.5	71	0.3	0.07	0.1	9.5	19	22.6	3.04	4	0.02	0.04	21
1110954	405526	7085010	8N	0.05	1.49	13	2.5	0.5	206	0.2	0.13	0.2	11.4	26	29.1	2.69	4	0.07	0.05	21
1110955	405570	7085038	8N	0.05	1.08	9.7	3.9	0.5	94	0.2	0.11	0.2	7.2	19	12.8	2.16	4	0.02	0.04	15
1110956	405593	7085083	8N	0.05	1.55	12.6	2	0.5	113	0.2	0.07	0.2	11.8	24	24.8	3.03	4	0.02	0.04	20
1110957	405613	7085130	8N	0.05	0.85	24.1	3.6	0.5	41	0.4	0.04	0.6	15.6	14	59.7	2.12	3	0.01	0.04	34
1110958	405647	7085167	8N	0.05	1.51	8.8	1.8	0.5	103	0.2	0.08	0.1	10.1	24	15.4	2.58	4	0.03	0.04	17

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1110860	0.34	171	0.9	0.004	13	0.049	12.7	0.025	0.6	1.8	0.9	10	0.1	1.8	0.021	0.1	0.8	41	0.2	41
1110861	0.36	218	1.2	0.006	15.2	0.04	19.9	0.025	0.7	1.8	0.8	10	0.1	8.9	0.019	0.05	1.2	30	0.1	53
1110862	0.24	233	1.6	0.005	35.5	0.054	36.7	0.025	0.6	2.4	0.7	13	0.1	10.5	0.007	0.05	2.6	21	0.05	72
1110863	0.35	187	0.9	0.004	19.6	0.043	16.7	0.025	0.9	1.7	0.9	8	0.1	6.3	0.012	0.05	1.3	29	0.1	55
1110864	0.12	426	1.1	0.006	65.8	0.047	22.2	0.025	2.1	2.6	0.25	9	0.1	23.8	0.002	0.05	3.7	11	0.05	135
1110865	0.31	219	1.2	0.004	24.9	0.039	19.8	0.025	0.7	1.9	0.8	10	0.1	10.4	0.012	0.05	1.3	25	0.1	70
1110866	0.46	397	1.3	0.006	26.1	0.047	14.9	0.025	0.9	2.9	0.8	11	0.1	7.6	0.03	0.1	1.3	37	0.2	61
1110867	0.19	176	1.1	0.004	26.1	0.037	17.4	0.025	2	1.5	0.25	7	0.1	6.3	0.012	0.05	1.5	27	0.1	59
1110868	0.34	281	0.9	0.005	25.5	0.047	17	0.025	1.4	2.4	0.7	9	0.1	8.5	0.015	0.1	1.6	33	0.2	65
1110870	0.32	189	0.9	0.004	16.2	0.048	13.8	0.025	0.9	2	0.25	9	0.1	3.4	0.016	0.05	0.9	33	0.2	50
1110871	0.26	273	0.8	0.004	28.5	0.052	18.3	0.025	1.2	1.5	0.6	8	0.1	6.2	0.009	0.1	2.1	22	0.05	75
1110872	0.34	307	0.9	0.004	23	0.05	15.9	0.025	1	2.2	0.6	8	0.1	7.9	0.016	0.05	1.4	28	0.1	62
1110873	0.46	616	0.8	0.004	28.6	0.059	23.6	0.025	0.5	1.6	0.25	8	0.1	11.5	0.013	0.05	1.5	24	0.1	78
1110874	0.27	245	0.9	0.006	15.1	0.032	11.5	0.025	0.6	1.7	0.5	8	0.1	5	0.023	0.05	0.7	37	0.2	45
1110875	0.37	217	1	0.005	16.4	0.051	15.7	0.025	0.6	2	0.7	10	0.1	4.3	0.02	0.1	1	37	0.2	46
1110876	0.46	548	1	0.004	38.1	0.06	18.6	0.025	1.6	3.3	0.25	10	0.1	7.2	0.014	0.05	1	34	0.1	63
1110877	0.35	254	0.9	0.004	20.2	0.03	16.8	0.025	0.9	2.1	0.25	8	0.1	7.4	0.026	0.1	1	38	0.1	51
1110878	0.15	323	1.4	0.007	36.5	0.03	30.1	0.025	4.3	1.7	0.25	7	0.1	16.6	0.006	0.2	1.5	19	0.05	86
1110879	0.32	278	1.1	0.004	24.5	0.04	17.4	0.025	1.2	2.6	0.25	8	0.1	7.9	0.019	0.1	1.2	38	0.2	58
1110880	0.33	193	1	0.005	21.5	0.04	15.3	0.025	1.5	1.7	0.25	8	0.1	5.3	0.016	0.1	1	35	0.1	56
1110881	0.34	253	1.2	0.006	23	0.044	16.5	0.025	1.3	1.9	0.25	9	0.1	7.3	0.018	0.05	1.4	29	0.1	63
1110882	0.33	230	1	0.004	16.8	0.034	13.3	0.025	0.7	1.7	0.25	7	0.1	6	0.022	0.1	0.9	34	0.2	47
1110883	0.24	200	1.1	0.004	20.1	0.04	16.6	0.025	4.1	1.7	0.5	7	0.1	4.6	0.011	0.1	1.1	29	0.1	56
1110884	0.2	171	0.8	0.005	19	0.035	13.5	0.025	2.1	1.4	0.25	8	0.1	4	0.011	0.1	1	24	0.05	49
1110885	0.33	147	0.8	0.004	16.1	0.037	13.6	0.025	1.2	1.5	0.6	8	0.1	5.6	0.015	0.05	1.1	27	0.1	49
1110886	0.42	212	0.7	0.005	22.7	0.036	13.4	0.025	1	2.4	0.25	10	0.1	8.2	0.021	0.05	1.4	29	0.1	60
1110887	0.34	168	0.8	0.004	21	0.033	15.1	0.025	1.1	1.7	0.25	8	0.1	5.4	0.013	0.1	1.3	25	0.1	58
1110889	0.42	441	1	0.005	28.2	0.059	15.6	0.025	0.9	4.1	1.1	9	0.1	6.4	0.024	0.1	2	36	0.1	72
1110891	0.35	223	0.9	0.004	17.3	0.051	11.6	0.025	0.8	2.3	0.9	9	0.1	3.2	0.019	0.05	1.2	32	0.1	56
1110892	0.35	138	1.2	0.004	14.9	0.044	14.9	0.025	0.5	1.1	0.25	7	0.1	2.6	0.012	0.05	0.9	28	0.05	47
1110893	0.44	299	1	0.005	23.6	0.044	12.9	0.025	0.8	3.4	0.5	13	0.1	5.8	0.032	0.05	1.4	41	0.2	64
1110894	0.38	315	1	0.004	23.5	0.051	14	0.025	0.7	2.3	0.6	11	0.1	6.2	0.027	0.1	1.3	36	0.1	67
1110895	0.35	191	0.9	0.004	20.5	0.047	13.8	0.025	0.6	1.5	0.25	8	0.1	3	0.024	0.05	1.1	31	0.2	57
1110896	0.35	202	0.8	0.005	17.4	0.044	10.1	0.025	0.5	2	0.25	10	0.1	4.4	0.033	0.05	0.8	31	0.1	53
1110897	0.34	142	1	0.004	14.2	0.043	12.7	0.025	0.5	1.5	0.25	8	0.1	1.7	0.021	0.05	0.8	34	0.1	45
1110898	0.34	182	1.1	0.004	18.4	0.034	14.2	0.025	0.6	2.7	0.25	7	0.1	6.5	0.028	0.05	1.1	38	0.1	54
1110899	0.39	306	0.8	0.005	21.2	0.037	11.1	0.025	0.7	2.5	0.25	9	0.1	4.7	0.029	0.05	1.1	34	0.1	56
1110900	0.3	216	0.7	0.004	16.3	0.049	12.4	0.025	0.5	1.5	0.7	7	0.1	3.2	0.026	0.05	1	33	0.2	50
1110951	0.22	195	0.9	0.004	14.7	0.026	12.3	0.025	1.8	1.8	0.25	10	0.1	7.9	0.019	0.05	0.9	22	0.05	44
1110952	0.3	402	0.7	0.002	30.8	0.032	20.8	0.06	2	1.8	0.25	9	0.1	9.7	0.015	0.05	1.7	15	0.2	87
1110953	0.32	286	1.1	0.005	20	0.05	19.6	0.08	0.9	1.2	0.7	9	0.1	2.1	0.016	0.05	0.9	30	0.05	61
1110954	0.46	380	0.9	0.007	23.2	0.06	15.1	0.025	0.9	4.3	0.8	15	0.1	5.6	0.033	0.05	1.7	40	0.2	59
1110955	0.32	222	0.7	0.005	16.1	0.054	12.8	0.025	0.9	1.4	0.25	13	0.1	1.7	0.027	0.05	0.8	36	0.1	51
1110956	0.46	292	0.9	0.005	23.6	0.037	17.6	0.05	1	2.2	0.25	10	0.1	8.6	0.02	0.05	1.3	35	0.1	64
1110957	0.34	452	4.3	0.002	24.9	0.045	31.4	0.025	3.1	1.3	0.7	7	0.1	10.9	0.009	0.5	1.7	24	0.05	77
1110958	0.39	277	0.7	0.004	18.8	0.037	14.4	0.025	0.6	2	0.5	9	0.1	4.7	0.026	0.2	0.7	35	0.05	47

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1110959	405683	7085205	8N	0.4	1.41	11.8	1.3	0.5	148	0.4	0.11	1.8	13.5	23	30.9	2.66	4	0.04	0.05	32
1110960	405714	7085248	8N	0.05	1.28	12.2	2.5	0.5	98	0.2	0.14	0.2	10.9	21	20.5	2.29	3	0.02	0.04	16
1110961	405747	7085286	8N	0.05	1.32	9.2	2.6	0.5	137	0.2	0.11	0.2	8.3	21	26.7	2.28	4	0.04	0.04	22
1110963	405786	7085322	8N	0.1	1.19	13.4	1.7	0.5	71	0.3	0.06	0.3	8.1	18	26.5	2.47	4	0.02	0.03	21
1110964	405808	7085369	8N	0.05	1.34	10.2	2.2	0.5	180	0.2	0.1	0.2	8.3	21	23.7	2.41	4	0.03	0.03	21
1110965	405842	7085405	8N	0.05	1.22	10.5	2.7	0.5	135	0.2	0.07	0.2	8.6	20	14.7	2.17	4	0.03	0.03	16
1110966	405855	7085455	8N	0.1	1.26	11.2	5.1	0.5	199	0.2	0.14	0.2	9.4	21	24.9	2.3	4	0.04	0.03	18
1110967	405874	7085502	8N	0.05	1.47	12.1	3.9	0.5	175	0.3	0.1	0.2	9.3	23	21.5	2.47	4	0.04	0.04	19
1110968	405873	7085554	8N	0.05	1.3	9.9	3	0.5	115	0.2	0.07	0.1	6.3	19	14.7	2.15	4	0.03	0.03	13
1110969	405868	7085605	8N	0.05	1.18	11.4	3.7	0.5	100	0.2	0.1	0.1	7.6	19	19.9	2.15	4	0.02	0.03	20
1110970	405876	7085655	8N	0.05	1.1	10.3	1.6	0.5	113	0.2	0.11	0.05	5.6	19	14.9	1.82	3	0.03	0.03	13
1110971	405902	7085700	8N	0.05	1.09	11.6	3	0.5	117	0.3	0.09	0.2	7.5	22	20.2	2.29	3	0.03	0.03	18
1110972	405923	7085746	8N	0.05	1.05	11	3.9	0.5	130	0.2	0.14	0.2	8.6	19	20.9	2.34	3	0.03	0.03	19
1110973	405941	7085795	8N	0.2	0.73	66.1	8.9	0.5	104	0.3	0.09	0.2	9.2	14	24.6	2.95	2	0.02	0.06	27
1110975	405954	7085845	8N	0.2	0.37	20.3	1.2	0.5	51	0.4	0.37	0.05	12.2	5	34.2	3.62	1	0.05	0.08	39
1110976	405962	7085896	8N	0.2	0.38	51.6	9.7	0.5	75	0.4	0.06	0.2	12.3	6	31.7	3.35	0.5	0.02	0.07	19
1110977	405957	7085947	8N	0.05	0.36	9.4	0.25	0.5	48	0.5	0.2	0.05	15.8	8	33.7	3.27	1	0.03	0.1	62
1110978	405957	7085997	8N	0.2	0.36	21	4.1	0.5	38	0.4	0.05	0.7	13.7	7	41.7	2.31	1	0.08	0.05	47
1110979	405974	7086044	8N	0.05	1.15	13.1	2.1	1	82	0.4	0.06	0.2	9.3	19	20.5	2.55	3	0.02	0.04	23
1110980	405993	7086091	8N	0.2	0.76	27.7	1.2	1	48	0.4	0.03	0.5	11.9	10	19.6	3.28	3	0.03	0.04	35
1110981	406025	7086130	8N	0.2	0.88	17.5	0.8	0.5	36	0.4	0.04	0.4	16.9	11	22.6	3.47	3	0.02	0.05	50
1110982	406046	7086177	8N	0.1	0.9	9.6	4.4	0.5	240	0.2	0.27	0.3	8.5	19	25.3	2.14	3	0.04	0.04	18
1110983	406074	7086219	8N	0.1	0.9	12.1	3.2	1	240	0.2	0.31	0.4	7.8	22	26.5	2.21	3	0.04	0.05	16
1110984	416071	7080159	8N	0.1	1.02	29.1	3.6	0.5	50	0.3	0.06	0.1	5.8	19	14.3	2.68	5	0.03	0.03	13
1110985	416039	7080201	8N	0.2	1.34	23.8	4.4	0.5	102	0.3	0.12	0.2	15.3	21	40.2	2.99	4	0.03	0.04	31
1110986	416016	7080247	8N	0.05	1.11	11.4	2.1	1	80	0.2	0.16	0.1	9.1	19	23.6	2.17	3	0.04	0.04	17
1138501	413344	7072481	8N	1.2	1.17	247.8	70.8	1	82	0.4	0.24	0.7	15.5	11	33.2	3	2	0.02	0.08	49
1138502	413325	7072527	8N	0.8	1.19	168.1	27.9	1	144	0.5	0.46	0.6	14.7	15	33.7	3.23	3	0.06	0.09	45
1138503	413305	7072572	8N	0.8	1.27	185.5	47	0.5	202	0.4	0.37	0.3	9.3	19	20.8	2.46	4	0.06	0.06	28
1138504	413284	7072618	8N	0.8	1.08	97.6	13.7	0.5	126	0.3	0.19	0.4	10	14	26.1	2.59	3	0.06	0.1	35
1138505	413265	7072664	8N	2	1.31	160.8	18.8	1	96	0.4	0.15	0.4	11.1	18	28.8	2.81	4	0.03	0.06	34
1138506	413245	7072711	8N	1.9	1.53	205.1	37.4	0.5	92	0.4	0.14	0.3	11.4	17	32.3	2.95	4	0.02	0.05	46
1138507	413225	7072756	8N	3	1.22	79.5	15.8	1	157	0.3	0.16	0.2	8.3	20	22.4	2.67	4	0.08	0.06	27
1138508	413204	7072802	8N	3.5	1.24	82.7	15.2	0.5	111	0.3	0.12	0.5	9.9	16	24	2.36	3	0.04	0.06	32
1138509	413185	7072848	8N	6	0.89	110.6	28.1	2	157	0.2	0.22	0.6	7.9	14	19.3	1.98	2	0.03	0.06	23
1138510	413165	7072894	8N	4.3	1.11	102.7	27.4	3	164	0.2	0.17	1.2	8.4	20	18.3	2.37	4	0.04	0.07	22
1138511	413147	7072940	8N	6.8	1.43	179	46.3	2	196	0.3	0.15	1.3	8.9	23	21.5	2.82	4	0.08	0.08	25
1138512	413128	7072987	8N	1.6	1.62	171.9	16.9	1	323	0.5	0.22	0.4	11.5	23	32.9	3.13	5	0.07	0.08	26
1138513	413110	7073031	8N	11.5	1.17	471.8	158.3	2	101	0.4	0.11	4.4	9.5	17	87.1	3	3	0.04	0.09	24
1138514	413091	7073079	8N	0.4	0.85	57.4	28.8	0.5	101	0.3	0.16	0.2	7.6	17	19.6	2.24	3	0.08	0.08	25
1138515	413072	7073123	8N	0.4	1.06	49.7	10.1	0.5	116	0.3	0.15	0.3	7.7	20	23	2.45	3	0.07	0.07	27
1138516	413051	7073170	8N	0.4	1.21	27	14.5	0.5	157	0.2	0.17	0.2	8.3	22	23.4	2.25	4	0.06	0.06	26
1138517	413033	7073216	8N	0.5	1.06	216.3	38	0.5	115	0.5	0.34	0.4	12.7	16	29.9	2.9	3	0.06	0.08	43
1138518	412995	7073304	8N	0.3	0.73	173	16.9	1	87	0.7	0.15	0.4	14.8	9	41	5.5	2	0.04	0.07	47
1138519	412974	7073353	8N	0.6	0.93	136.7	7.2	1	178	0.2	0.16	0.3	9.9	15	22.9	2.29	2	0.03	0.06	31
1138520	412759	7073861	8N	0.2	1.37	87.6	16.2	1	129	0.3	0.2	0.2	8.4	22	14	2.75	4	0.03	0.06	20

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1110959	0.56	611	0.6	0.004	20.9	0.053	39.1	0.025	1.4	2.1	0.6	12	0.1	5.1	0.019	0.2	0.8	31	0.1	115
1110960	0.41	286	0.8	0.005	20.7	0.071	13.8	0.025	1	1.9	0.6	14	0.1	3.6	0.027	0.05	0.8	32	0.2	57
1110961	0.45	341	0.6	0.004	19.9	0.054	15.4	0.025	1	2.4	0.25	11	0.1	3	0.026	0.05	1.6	31	0.1	61
1110963	0.46	248	0.7	0.003	19	0.04	25.9	0.06	3.9	1.3	0.25	11	0.1	2.8	0.019	0.05	0.9	25	0.05	76
1110964	0.47	301	0.8	0.004	20.4	0.04	14.6	0.025	1.4	1.9	0.25	13	0.1	3.6	0.029	0.05	1	34	0.1	57
1110965	0.4	368	0.9	0.004	14.6	0.037	12.4	0.025	1.1	1.7	0.25	9	0.1	3.5	0.025	0.05	0.7	34	0.2	51
1110966	0.49	348	0.8	0.005	20.7	0.052	13.2	0.025	1.2	2.5	0.25	14	0.1	3.7	0.03	0.05	1.1	33	0.2	61
1110967	0.42	294	0.9	0.004	19.8	0.051	14.2	0.025	1.3	2.5	0.25	11	0.1	5	0.032	0.05	1	36	0.2	59
1110968	0.3	215	0.8	0.004	15.3	0.04	14.2	0.025	1.2	0.9	0.25	8	0.1	0.6	0.017	0.05	0.7	34	0.1	51
1110969	0.4	238	0.7	0.004	18.2	0.045	15.2	0.07	1.4	1.6	0.5	10	0.1	3	0.025	0.05	0.7	29	0.1	55
1110970	0.36	196	0.6	0.004	14.3	0.045	10.2	0.025	1.1	1.1	0.25	11	0.1	0.8	0.018	0.05	0.6	28	0.2	46
1110971	0.29	296	0.9	0.004	13.5	0.06	15	0.025	1.6	1.6	0.25	10	0.1	1.3	0.015	0.05	0.8	31	0.2	50
1110972	0.39	297	0.7	0.005	20.7	0.05	12.1	0.025	1.7	1.8	0.25	12	0.1	4.7	0.026	0.05	0.7	30	0.2	58
1110973	0.15	227	0.9	0.005	25.8	0.058	28.8	0.07	9.5	1.6	0.25	41	0.1	4.2	0.012	0.05	0.7	21	0.1	65
1110975	0.07	536	0.6	0.003	35.3	0.085	26.8	0.025	4.7	2.5	0.25	30	0.1	15.2	5E-04	0.05	1.2	5	0.05	83
1110976	0.08	285	1.1	0.03	34.4	0.043	41	0.18	12.8	1.3	0.8	51	0.1	8.2	0.003	0.1	0.9	7	0.05	105
1110977	0.07	628	0.5	0.003	31.2	0.113	31.7	0.025	4	2.6	0.25	40	0.1	17.5	0.001	0.05	1.2	9	0.1	91
1110978	0.06	540	0.5	0.005	27.4	0.057	52.2	0.025	13.4	3.1	0.25	31	0.1	16	0.003	0.1	2.3	8	0.2	119
1110979	0.28	307	0.7	0.004	19.6	0.041	28.3	0.1	3.2	1.8	0.6	10	0.1	4.5	0.016	0.05	0.9	31	0.2	64
1110980	0.1	485	1.1	0.004	18.9	0.052	47.6	0.09	7.2	0.9	0.25	16	0.1	5.6	0.009	0.05	1	24	0.05	92
1110981	0.17	861	0.8	0.005	21.1	0.065	73.4	0.025	9.6	1.1	0.25	16	0.1	7.9	0.008	0.05	1.6	17	0.1	119
1110982	0.35	280	0.7	0.007	21.6	0.075	14.1	0.05	1.4	2.3	0.5	20	0.1	5.6	0.026	0.05	0.9	29	0.2	67
1110983	0.37	164	1	0.009	21.5	0.081	12.3	0.07	1.4	2.9	0.7	23	0.1	4.5	0.038	0.1	0.7	38	0.3	65
1110984	0.27	302	1.2	0.004	13.3	0.046	17.5	0.025	1	1.1	0.5	7	0.1	1.8	0.02	0.1	0.7	41	0.2	46
1110985	0.51	466	0.9	0.004	27.2	0.073	25	0.025	1.3	1.9	0.9	12	0.1	8.7	0.02	0.05	2.3	29	0.2	83
1110986	0.42	277	0.7	0.005	20	0.067	10.1	0.025	0.8	1.7	0.25	14	0.1	5.7	0.027	0.05	0.8	28	0.2	56
1138501	0.46	1029	0.4	0.003	34	0.052	57.4	0.025	4.3	1.7	0.25	13	0.1	18	0.005	0.3	1.4	10	0.1	114
1138502	0.36	723	0.5	0.004	36.3	0.068	56.6	0.025	1.7	1.6	0.6	25	0.1	8.8	0.01	0.2	1.9	18	0.1	102
1138503	0.33	626	0.7	0.006	20.7	0.072	55.1	0.025	1.2	1.5	0.25	20	0.1	2.1	0.011	0.2	1.2	29	0.2	91
1138504	0.38	506	0.4	0.004	29.4	0.054	34.2	0.025	1	1.5	0.25	13	0.1	9.3	0.011	0.1	1	18	0.2	81
1138505	0.48	411	0.5	0.005	25.3	0.053	50.2	0.025	1.7	1.3	0.25	13	0.1	9	0.008	0.1	1	19	0.2	96
1138506	0.58	456	0.4	0.006	28.8	0.048	42.9	0.025	2.7	1.5	0.25	14	0.1	14.8	0.005	0.1	1.4	14	0.05	116
1138507	0.36	460	0.8	0.005	22.4	0.065	55.3	0.025	1.7	1.5	0.25	13	0.1	2.9	0.014	0.2	1.1	29	0.2	100
1138508	0.4	770	0.5	0.003	21	0.053	65.3	0.025	2	1.8	0.25	11	0.1	9.2	0.01	0.1	1.2	20	0.1	137
1138509	0.3	497	0.5	0.005	18.3	0.062	126.4	0.025	2	1.4	0.25	15	0.1	5.4	0.015	0.1	0.9	21	0.2	123
1138510	0.33	672	0.8	0.004	18.8	0.064	105.8	0.025	1.4	1.7	0.25	14	0.1	2.6	0.021	0.2	1	34	0.3	165
1138511	0.37	587	0.9	0.005	22.1	0.068	133.7	0.025	2.2	2.2	0.25	14	0.1	4.3	0.014	0.3	1.4	34	0.3	201
1138512	0.4	633	0.8	0.009	25.6	0.082	74.2	0.025	0.9	1.9	0.25	18	0.1	4.3	0.009	0.3	1.2	32	0.2	132
1138513	0.33	1139	0.8	0.004	21.9	0.054	4136.9	0.025	7.5	1.8	0.25	12	0.1	5	0.011	0.3	1.7	25	0.4	795
1138514	0.27	273	0.7	0.007	19.5	0.056	39.2	0.025	1	1.3	0.25	12	0.1	4.6	0.026	0.1	0.9	34	0.8	65
1138515	0.34	279	0.8	0.005	21.8	0.057	35.6	0.025	0.8	1.1	0.25	13	0.1	3	0.017	0.1	0.9	29	0.5	67
1138516	0.37	335	0.8	0.005	20.4	0.064	19.2	0.025	1.1	1.8	0.25	12	0.1	2.6	0.028	0.1	1.2	36	0.4	65
1138517	0.39	559	0.6	0.005	33.7	0.059	35.6	0.025	1.2	1.6	0.25	18	0.1	13.2	0.013	0.05	1.7	18	0.4	89
1138518	0.15	411	1.1	0.005	45.6	0.062	59.3	0.025	1.6	1.5	0.25	18	0.1	15.9	0.005	0.1	2.5	9	0.1	115
1138519	0.31	463	0.7	0.004	29.6	0.049	35.6	0.025	0.9	2.2	0.25	15	0.1	9.9	0.022	0.1	1.2	21	0.2	75
1138520	0.3	307	0.8	0.007	19.3	0.036	33.6	0.025	0.9	1.8	0.7	12	0.1	5	0.021	0.1	0.9	43	0.2	55

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1138521	412778	7073815	8N	0.2	1.11	116.1	19.9	1	155	0.4	0.23	0.2	9.8	18	20.7	2.27	3	0.03	0.05	25
1138522	412799	7073769	8N	0.1	1.24	47.8	8.2	0.5	135	0.3	0.21	0.2	7.1	20	14.8	2.06	3	0.04	0.07	23
1138523	412817	7073723	8N	0.2	1.27	45	7.6	2	153	0.2	0.35	0.3	7.5	21	13.8	2.19	3	0.03	0.05	20
1138524	412837	7073677	8N	0.2	1.14	23	2.9	1	112	0.2	0.23	0.2	8.6	16	15.1	2.2	3	0.04	0.05	23
1138525	412855	7073631	8N	0.6	1.08	105.6	7.5	3	94	0.2	0.49	1	7.3	17	16.2	1.97	3	0.04	0.04	18
1138526	412876	7073585	8N	0.05	1.16	28.8	9	1	114	0.2	0.16	0.3	9.7	22	19.1	2.43	3	0.03	0.05	20
1138527	412896	7073540	8N	0.2	1.1	62.4	13.3	0.5	100	0.2	0.13	0.2	8	20	17.8	2.35	3	0.03	0.05	19
1138528	412917	7073493	8N	0.2	1.18	26.6	5.4	0.5	125	0.2	0.19	0.05	8.7	19	25.3	2.42	3	0.05	0.06	46
1138529	412932	7073446	8N	0.05	0.78	30.6	6.6	1	94	0.2	0.08	0.05	3.3	13	8.4	1.32	4	0.03	0.05	16
1138530	412953	7073401	8N	0.2	1.09	40.8	4.3	0.5	130	0.2	0.11	0.1	6.5	16	18.1	2.04	3	0.03	0.06	22
1138531	413088	7072316	8N	1.2	1.21	45.3	5.6	0.5	103	0.3	0.19	0.5	10	15	26.1	2.78	3	0.04	0.08	41
1138532	413068	7072363	8N	0.6	1.3	79.8	12.3	1	144	0.3	0.16	0.2	10.9	18	23.9	2.69	4	0.03	0.07	35
1138535	413683	7071700	8N	6.3	1.29	114.6	6.1	0.5	92	0.3	0.06	0.7	11.4	18	25.2	2.69	3	0.05	0.07	33
1138551	412945	7073939	8N	0.05	1.2	50.6	14.8	0.5	119	0.2	0.12	0.1	8.5	20	15.3	2.31	3	0.02	0.04	18
1138552	412963	7073893	8N	0.05	1.11	55.8	4.2	0.5	107	0.2	0.14	0.1	7.9	19	13.5	2.1	3	0.02	0.04	19
1138553	412982	7073848	8N	0.05	1.09	49.9	7.7	0.5	97	0.2	0.09	0.1	7.8	20	24.4	2.21	3	0.04	0.05	21
1138554	413001	7073801	8N	0.4	1.06	139.8	13.8	1	100	0.2	0.37	0.3	8.2	23	21	2.23	3	0.06	0.06	25
1138555	413022	7073754	8N	0.05	1.38	16	3.4	2	136	0.2	0.13	0.05	8.6	22	17.7	2.31	4	0.02	0.05	19
1138556	413062	7073663	8N	0.05	1.14	17.1	2.2	1	101	0.2	0.13	0.1	6.8	20	14.5	2.23	3	0.04	0.04	18
1138557	413043	7073707	8N	0.05	1.4	16.4	1.2	0.5	138	0.3	0.26	0.1	6.4	17	17.4	2.37	4	0.02	0.06	29
1138558	413080	7073616	8N	0.05	1.06	16.2	15.7	0.5	122	0.2	0.19	0.1	6.6	17	15.2	2.06	3	0.03	0.04	20
1138559	413100	7073570	8N	0.2	1	36.5	10.2	0.5	112	0.2	0.2	0.3	9.8	15	21.1	2.32	3	0.03	0.05	27
1138560	413120	7073523	8N	0.2	1	46.7	6.7	0.5	118	0.2	0.17	0.2	8.4	17	19.9	2.17	3	0.04	0.06	22
1138561	413140	7073478	8N	6.1	0.92	60.7	30.2	0.5	132	0.3	0.2	0.8	9.4	15	23.2	2.28	2	0.04	0.06	29
1138562	413158	7073432	8N	0.1	1.05	23.7	2.9	1	137	0.2	0.2	0.1	7.5	17	14.4	2.05	3	0.03	0.04	21
1138563	413179	7073384	8N	0.2	1.04	16.6	3	0.5	130	0.2	0.16	0.1	8.8	16	23.6	2.27	3	0.03	0.05	27
1138564	413198	7073339	8N	0.2	1.16	20.6	3.3	1	149	0.2	0.24	0.05	7.8	18	18.5	2.28	3	0.03	0.06	24
1138565	413218	7073295	8N	0.3	1.12	54.8	11.2	0.5	150	0.2	0.32	0.2	8.2	19	23.1	2.14	3	0.03	0.05	26
1138566	413237	7073247	8N	0.5	1.29	431.7	56.8	0.5	105	0.6	0.12	0.2	15.2	17	28.6	2.53	3	0.05	0.08	22
1138567	413275	7073158	8N	0.6	1.16	121.3	13.9	1	130	0.9	0.28	4.1	13	19	40.1	2.5	3	0.03	0.08	28
1138568	413295	7073110	8N	1.1	0.94	55.1	49.8	1	106	0.2	0.19	0.8	7.6	22	22.9	2.24	3	0.05	0.05	20
1138569	413295	7073110	8N	1.1	0.91	54.2	16.2	0.5	102	0.2	0.18	0.7	7.3	19	22.4	2.13	3	0.05	0.05	19
1138570	413315	7073066	8N	1.4	1	132.5	27	0.5	146	0.3	0.23	1.4	10.4	17	30.2	2.41	3	0.03	0.07	31
1138571	413530	7072558	8N	0.6	1.43	234.8	44.6	1	99	0.9	0.1	0.4	13.8	22	36.3	2.8	4	0.03	0.05	24
1138572	413510	7072602	8N	0.2	1.01	46.9	21.8	2	64	0.3	0.11	0.4	7.1	24	19.2	2.42	3	0.06	0.05	17
1138573	413491	7072648	8N	0.2	1.34	98.7	10.2	2	141	0.4	0.1	0.5	9.8	22	28.9	2.68	4	0.03	0.05	24
1138574	413470	7072695	8N	0.2	1.46	190.3	18.3	2	107	0.3	0.16	0.2	8.1	25	21.3	2.45	4	0.04	0.05	26
1138575	413452	7072742	8N	0.1	1.51	73.4	3	2	124	0.3	0.18	0.2	7.3	28	15	2.67	5	0.02	0.06	16
1138576	413433	7072786	8N	0.3	1.03	125.8	52.5	1	120	0.5	0.13	0.7	12.2	22	28.1	2.85	3	0.05	0.07	32
1138577	413415	7072832	8N	0.7	1.03	352.3	38.3	2	231	0.8	0.14	1.5	12.1	17	43.2	3.04	3	0.05	0.08	28
1138578	413392	7072879	8N	0.3	1.25	282.4	32.3	2	142	0.6	0.12	1.3	14.8	18	38.6	3.36	3	0.02	0.07	34
1138579	413359	7072919	8N	1.4	1.3	66.1	12.2	0.5	147	0.3	0.12	0.3	9.3	21	23.1	2.58	4	0.05	0.06	26
1138580	413354	7072971	8N	0.5	0.85	71.8	21.4	1	122	0.2	0.23	0.4	8.3	20	24.1	2.29	3	0.04	0.06	21
1138581	413334	7073016	8N	1.2	1.09	154	15.6	2	151	0.3	0.18	1	12.2	20	28	2.59	3	0.03	0.07	29
1138582	413562	7070944	8N	3	1.03	43.4	12.2	0.5	132	0.2	0.1	0.4	11.6	16	25.7	2.36	3	0.04	0.04	29
1138583	413542	7070990	8N	0.1	1.13	16.7	23.5	0.5	104	0.3	0.06	0.2	8.1	20	24.6	2.36	3	0.03	0.03	17

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1138521	0.31	425	0.5	0.007	23.2	0.036	31.2	0.025	1.7	1.7	0.25	14	0.1	6.6	0.014	0.1	0.9	25	0.1	56
1138522	0.33	289	0.6	0.006	15.7	0.04	17.7	0.025	0.7	1.6	0.25	11	0.1	3.5	0.013	0.2	0.8	28	0.2	44
1138523	0.35	435	0.7	0.011	17.2	0.065	15.7	0.025	0.5	1.6	0.25	20	0.1	1.8	0.015	0.1	1.6	31	0.3	66
1138524	0.34	288	0.6	0.004	19.2	0.041	28.4	0.025	0.5	1.4	0.25	15	0.1	6.2	0.01	0.2	1.4	23	0.2	67
1138525	0.3	436	0.5	0.008	17.5	0.054	64.3	0.025	0.8	1.3	0.25	26	0.1	2.1	0.012	0.1	2.5	25	0.3	167
1138526	0.36	498	0.8	0.005	25.7	0.054	24.2	0.025	0.7	2	0.25	12	0.1	3.9	0.029	0.05	1	33	0.3	81
1138527	0.32	373	0.7	0.004	19.5	0.05	26.4	0.025	0.7	1.5	0.6	11	0.1	3.1	0.019	0.1	0.8	32	0.3	75
1138528	0.35	324	0.7	0.005	26.1	0.036	20.3	0.025	0.6	1.8	0.25	17	0.1	4.4	0.017	0.1	2	26	0.2	63
1138529	0.16	168	0.9	0.004	9.1	0.031	11.3	0.025	0.4	0.8	0.25	9	0.1	0.6	0.018	0.1	0.5	31	0.2	35
1138530	0.3	291	0.6	0.004	17.2	0.045	25.9	0.025	0.6	1.6	0.25	10	0.1	3.7	0.014	0.1	0.9	24	0.2	57
1138531	0.38	617	0.6	0.004	24.5	0.056	42.2	0.025	3.3	1.4	0.25	15	0.1	8.8	0.008	0.2	1.5	18	0.2	99
1138532	0.41	677	0.7	0.005	27.6	0.056	34.7	0.025	2.9	1.6	0.25	14	0.1	6.8	0.013	0.2	1.2	24	0.2	85
1138535	0.29	1493	0.7	0.004	21.7	0.055	75.4	0.025	4.6	1.7	0.9	8	0.1	3.4	0.016	0.2	1.4	29	0.1	246
1138551	0.34	374	0.8	0.004	18.6	0.044	18.1	0.025	0.7	1.9	0.25	11	0.1	3	0.019	0.1	0.8	33	0.2	53
1138552	0.28	263	0.6	0.004	15.2	0.039	16.2	0.025	0.6	1.1	0.25	11	0.1	1.1	0.016	0.2	0.8	31	0.2	44
1138553	0.32	395	0.7	0.004	20.6	0.038	17.1	0.025	0.8	2.2	0.25	8	0.1	4.4	0.015	0.2	0.8	30	0.3	59
1138554	0.36	373	0.7	0.007	24.8	0.078	15.2	0.025	0.8	2.2	0.25	25	0.1	3.4	0.022	0.1	2.6	33	0.6	82
1138555	0.39	315	0.7	0.005	18.2	0.052	15.9	0.025	0.6	2	0.25	11	0.1	2.4	0.021	0.1	1.1	36	0.2	57
1138556	0.32	295	0.6	0.004	17.1	0.036	36.6	0.025	0.6	1.5	0.5	9	0.1	1.8	0.021	0.1	0.8	33	0.3	54
1138557	0.38	322	0.6	0.004	20.2	0.059	17.1	0.025	0.4	1.4	0.25	12	0.1	6.1	0.004	0.2	0.9	19	0.2	56
1138558	0.29	283	0.7	0.004	17.9	0.047	24.9	0.025	0.6	1.5	0.25	13	0.1	2.6	0.016	0.1	0.8	27	0.2	54
1138559	0.32	439	0.5	0.004	24.2	0.056	30	0.025	0.9	1.7	0.25	13	0.1	7.6	0.01	0.05	1.1	20	0.2	77
1138560	0.32	622	0.6	0.006	24.4	0.04	23.5	0.025	0.8	1.8	0.25	12	0.1	5.1	0.016	0.1	0.9	25	0.2	61
1138561	0.29	432	0.5	0.005	24.2	0.047	336.4	0.025	1.3	2.1	0.25	13	0.1	7.2	0.014	0.1	1	22	0.2	134
1138562	0.29	303	0.6	0.005	19.5	0.046	17.6	0.025	0.5	1.6	0.25	12	0.1	4.5	0.013	0.1	0.8	26	0.2	51
1138563	0.35	295	0.6	0.004	23.8	0.047	18.8	0.025	0.6	1.7	0.5	11	0.1	6.4	0.012	0.05	0.9	24	0.2	52
1138564	0.34	312	0.7	0.004	19.6	0.049	17.1	0.025	0.6	1.6	0.25	14	0.1	4.8	0.011	0.1	0.9	26	0.2	52
1138565	0.35	402	0.6	0.004	23.7	0.054	30.4	0.025	0.7	1.7	0.25	17	0.1	6.1	0.009	0.1	1	24	0.2	65
1138566	0.36	686	0.9	0.004	24.9	0.083	85.3	0.025	1.5	0.8	0.6	19	0.1	2.1	0.006	0.1	1.6	22	0.2	90
1138567	0.42	806	0.6	0.006	23.9	0.065	56.2	0.025	1	1.6	0.25	20	0.1	5.4	0.013	0.4	1.4	25	1	258
1138568	0.32	388	0.7	0.004	22.1	0.067	74.4	0.025	1	1.7	0.25	14	0.1	6	0.031	0.1	0.9	35	0.7	113
1138569	0.32	350	0.7	0.004	20.8	0.066	74.2	0.025	0.9	1.7	0.25	13	0.1	5.7	0.027	0.05	0.9	33	0.7	111
1138570	0.4	499	0.7	0.005	25.5	0.067	77.7	0.025	1.5	2.1	0.25	16	0.1	12	0.022	0.1	1.3	25	0.2	148
1138571	0.48	760	0.9	0.004	27.9	0.068	47.7	0.025	1.6	1.4	0.25	9	0.1	4.6	0.014	0.2	1.2	30	0.3	96
1138572	0.33	300	1.1	0.005	18.2	0.057	20.7	0.025	1	1.3	0.6	10	0.1	1.8	0.031	0.1	0.9	37	0.8	69
1138573	0.41	474	0.9	0.005	24.3	0.06	21.1	0.025	1.2	2.7	0.25	11	0.1	5.3	0.033	0.1	1.6	33	0.3	92
1138574	0.42	333	0.9	0.005	24.2	0.057	19.2	0.025	1	2	0.5	13	0.1	2.7	0.024	0.1	3.3	32	0.4	88
1138575	0.47	289	1	0.005	18	0.058	16.9	0.025	0.7	1.4	0.25	13	0.1	1	0.023	0.1	0.9	45	0.3	90
1138576	0.35	488	0.9	0.004	27.2	0.072	45.9	0.025	1.8	1.8	0.25	12	0.1	7.5	0.031	0.1	1.6	37	1.4	93
1138577	0.32	480	0.9	0.005	29.8	0.059	197	0.025	2.6	2.4	0.5	14	0.1	12.5	0.026	0.1	2.3	22	0.2	134
1138578	0.42	605	1	0.003	37	0.06	71	0.025	2	1.8	0.5	12	0.1	11.3	0.02	0.1	2	24	0.2	131
1138579	0.4	508	0.8	0.004	20.3	0.064	38	0.025	1	1.7	0.25	11	0.1	5.1	0.012	0.2	1.2	27	0.2	95
1138580	0.34	360	0.8	0.006	23.4	0.076	23.1	0.025	1.1	1.7	0.25	19	0.1	7.2	0.035	0.05	1.1	34	0.7	76
1138581	0.39	734	0.9	0.005	28.8	0.055	103.6	0.025	1.6	1.9	0.25	14	0.1	8.6	0.017	0.2	1.5	25	0.3	159
1138582	0.35	621	0.5	0.003	26.3	0.035	52.5	0.025	2.4	1.5	0.25	9	0.1	8.3	0.008	0.1	1.1	21	0.2	86
1138583	0.32	335	0.9	0.003	18.7	0.048	16	0.025	1.2	1.1	0.25	6	0.1	2	0.01	0.2	1.4	32	0.4	59

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1138584	413523	7071035	8N	0.05	1.28	17.2	3.3	1	123	0.2	0.08	0.1	10.5	23	28	2.47	4	0.03	0.04	23
1138585	413504	7071081	8N	0.1	1.21	13	1.9	0.5	99	0.2	0.09	0.2	9	22	21.2	2.34	4	0.03	0.04	19
1138586	413485	7071128	8N	0.1	1.3	11.6	2.5	0.5	81	0.4	0.1	0.2	12.2	22	36.1	2.68	5	0.05	0.05	47
1138587	413464	7071174	8N	0.3	1.35	15.4	11	0.5	84	0.3	0.08	0.2	9.3	22	30.7	2.48	4	0.03	0.04	25
1138588	413445	7071220	8N	0.05	0.97	14.3	15.8	0.5	115	0.3	0.11	0.2	13.2	18	27.3	2.14	3	0.03	0.04	20
1138589	413426	7071267	8N	0.05	1.19	12.2	3.3	0.5	122	0.2	0.12	0.2	15.9	20	33.6	2.3	3	0.03	0.05	29
1138590	413406	7071312	8N	0.2	1.15	11.3	1.9	0.5	107	0.2	0.08	0.2	12.2	19	19.8	2.28	3	0.03	0.04	20
1138591	413386	7071359	8N	0.5	1.41	19	7.7	0.5	101	0.3	0.1	0.2	13.5	24	34.7	2.98	5	0.03	0.04	31
1138592	413367	7071405	8N	0.9	1.28	16.4	3.2	1	94	0.2	0.15	0.2	10.2	22	29.9	2.55	4	0.04	0.04	26
1138593	413347	7071450	8N	1.2	1.19	14.2	11.8	1	153	0.2	0.15	0.2	6.2	22	28	2.17	4	0.04	0.05	22
1138594	413328	7071495	8N	0.5	1.24	10.8	2.3	2	209	0.2	0.12	0.2	5.4	22	20.7	1.95	4	0.04	0.05	23
1138595	413308	7071542	8N	0.3	1.36	15.5	1.9	1	172	0.2	0.08	0.2	8.4	22	27.5	2.39	4	0.02	0.04	32
1138596	413288	7071589	8N	0.6	1.5	20	2	1	241	0.2	0.08	0.1	9.3	24	32.8	2.83	5	0.02	0.05	38
1138597	413268	7071635	8N	0.2	1.52	13.9	2.2	0.5	180	0.2	0.05	0.1	9.7	25	31.4	2.77	5	0.03	0.04	36
1138598	413249	7071681	8N	0.2	1.54	14.4	3.4	0.5	226	0.2	0.07	0.2	10.1	23	29.1	2.63	4	0.03	0.05	38
1138599	413230	7071726	8N	0.4	1.42	20.2	3.4	0.5	161	0.2	0.06	0.2	7.4	22	24.3	2.36	4	0.03	0.04	30
1138600	413210	7071770	8N	0.7	1.35	18.4	3.2	0.5	162	0.2	0.07	0.3	8.7	22	25.4	2.4	4	0.03	0.05	27
1138601	413713	7072636	8N	0.2	1.83	23.5	5.7	0.5	103	0.4	0.23	0.05	14	23	40.5	3.29	5	0.01	0.06	47
1138602	413693	7072683	8N	0.2	1.56	44.8	10.8	0.5	169	0.4	0.15	0.3	9.5	22	29.7	2.42	4	0.02	0.06	31
1138603	413674	7072726	8N	0.7	1.91	235.2	25.9	0.5	129	0.6	0.16	1.1	82.4	26	46.4	3.56	5	0.03	0.07	42
1138604	413654	7072774	8N	0.2	1.68	70.6	6.8	0.5	146	0.3	0.13	0.4	9.2	22	37.4	2.71	4	0.03	0.05	31
1138605	413636	7072820	8N	0.05	1.08	16.3	3.1	1	49	0.2	0.07	0.2	3.5	20	12.8	1.58	5	0.04	0.04	10
1138606	413615	7072866	8N	0.5	1.39	109.8	9.9	0.5	92	0.6	0.09	0.5	8.1	23	33.9	2.64	4	0.05	0.05	21
1138607	413596	7072912	8N	0.2	1.02	58.9	32.9	1	91	0.4	0.1	0.3	6.4	21	17.5	2.25	3	0.05	0.04	16
1138608	413577	7072957	8N	1.1	1.43	429.6	30.3	0.5	77	2.7	0.14	2.3	22.6	15	37.1	3.3	3	0.02	0.06	44
1138609	413556	7073004	8N	0.5	1.11	168.2	77.8	1	122	0.8	0.18	0.6	12.3	19	34.4	2.74	3	0.02	0.06	31
1138610	413537	7073050	8N	0.5	1.24	104.8	13.8	0.5	162	0.6	0.38	0.4	7.5	21	23.8	2.25	4	0.04	0.04	22
1138611	413518	7073096	8N	0.2	1.43	73.5	19	0.5	88	0.4	0.18	0.5	14.9	23	41	3.06	4	0.03	0.06	34
1138612	413478	7073190	8N	0.4	1.14	84.6	4.1	0.5	66	0.7	0.28	2.2	9	17	22.9	2.32	3	0.02	0.06	28
1138613	413459	7073233	8N	0.3	1.28	46.5	6.3	2	106	0.3	0.41	0.8	9	19	29.9	2.42	3	0.03	0.05	29
1138614	413440	7073282	8N	0.1	1.43	21.1	3.5	0.5	93	0.4	0.15	0.5	16.9	16	35.1	3.49	3	0.02	0.05	36
1138615	413420	7073326	8N	0.4	1.47	46.6	11.4	0.5	137	0.4	0.34	2.2	6.6	20	17	2.14	4	0.03	0.05	23
1138616	413402	7073372	8N	0.3	1.26	30.1	6.5	0.5	98	0.3	0.34	0.05	7	17	24.4	2.03	3	0.03	0.05	29
1138617	413381	7073417	8N	2	0.77	78.5	9.9	2	91	0.2	0.16	0.3	4.8	14	12.6	2.01	3	0.04	0.05	21
1138618	413362	7073464	8N	0.05	1.2	31.3	3.2	1	123	0.2	0.17	0.2	9.6	19	23.3	2.37	4	0.03	0.05	24
1138619	413342	7073510	8N	0.1	1.62	33.2	8.4	0.5	57	0.3	0.09	0.2	10.1	23	22	2.98	4	0.04	0.05	25
1138620	413322	7073556	8N	0.05	2.35	26.9	1.7	0.5	57	0.3	0.07	0.2	24.1	30	38.2	3.66	5	0.02	0.05	39
1138621	413304	7073603	8N	0.2	1.38	23.6	4.6	1	125	0.2	0.15	0.1	7.4	23	29	2.26	4	0.05	0.05	22
1138622	413284	7073648	8N	0.4	1.53	37.6	6.6	1	77	0.2	0.11	0.1	8.8	22	28.6	2.51	4	0.05	0.06	25
1138623	413264	7073694	8N	0.5	1.39	19.9	4.2	0.5	79	0.2	0.12	0.2	12.4	23	34.9	2.44	4	0.04	0.05	29
1138624	413244	7073740	8N	0.4	1.57	22.6	21.8	0.5	97	0.2	0.16	0.2	12.3	22	26.5	2.64	4	0.04	0.05	29
1138625	413226	7073787	8N	0.5	1.17	34.7	5.8	0.5	157	0.2	0.13	0.2	7.6	21	19.3	2.28	3	0.05	0.05	25
1138626	413205	7073833	8N	1.1	1.29	53.5	6.9	0.5	56	0.4	0.07	0.7	16.5	21	31.8	2.81	4	0.04	0.06	33
1138627	413186	7073878	8N	0.2	1.03	15.4	2.1	0.5	105	0.3	0.45	0.3	11	13	25.8	2.43	2	0.04	0.06	29
1138628	413167	7073925	8N	0.2	1.01	11.6	2.7	0.5	83	0.4	0.31	0.2	10.2	13	33.9	2.84	3	0.02	0.09	41
1138629	413146	7073971	8N	0.5	0.97	118.4	11.8	0.5	113	0.4	0.22	0.2	10.1	12	30	2.6	2	0.02	0.09	42

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1138584	0.38	406	0.8	0.004	22.2	0.051	16.2	0.025	1.4	1.5	0.25	9	0.1	2.1	0.017	0.1	1.8	36	0.2	64
1138585	0.37	366	0.8	0.004	18.3	0.069	17.1	0.025	0.8	1.5	0.25	9	0.1	1.5	0.022	0.05	1.3	37	0.3	69
1138586	0.45	467	0.8	0.006	25.6	0.084	19.9	0.06	1.2	0.5	0.25	12	0.1	1.2	0.007	0.05	2	24	0.2	70
1138587	0.4	281	0.9	0.005	20.5	0.078	18.6	0.025	1	0.9	0.25	8	0.1	1.1	0.011	0.05	1.4	37	0.2	68
1138588	0.32	320	0.8	0.004	24.5	0.049	15.1	0.025	1.3	1.4	0.25	10	0.1	4.7	0.019	0.05	1.1	29	0.3	55
1138589	0.44	328	0.7	0.004	29.2	0.046	14.2	0.025	0.9	1.7	0.25	12	0.1	8.3	0.026	0.05	1.2	29	0.2	62
1138590	0.38	409	0.8	0.004	21.8	0.036	14.1	0.025	0.8	1.2	0.25	9	0.1	4.6	0.019	0.05	0.8	30	0.2	61
1138591	0.45	567	1	0.004	24.6	0.068	20.8	0.025	1.2	1.5	0.25	11	0.1	4.4	0.021	0.1	1.6	38	0.3	74
1138592	0.44	354	1	0.005	23.3	0.063	20.1	0.025	1.4	1.7	0.25	13	0.1	5.1	0.029	0.1	1.7	35	0.3	74
1138593	0.37	144	0.8	0.005	19.7	0.065	18.5	0.025	1.2	1.9	0.25	12	0.1	4.3	0.027	0.1	1.4	37	0.4	62
1138594	0.39	221	0.7	0.006	17.4	0.056	12.4	0.025	0.9	2	0.25	11	0.1	2.4	0.028	0.1	1.3	33	0.3	55
1138595	0.41	321	0.7	0.005	23.7	0.044	20.8	0.025	1.4	2	0.25	8	0.1	5.4	0.019	0.1	1.5	28	0.1	64
1138596	0.43	494	0.7	0.005	27.3	0.044	16.3	0.025	1.7	2	0.25	8	0.1	6.1	0.016	0.1	1.8	28	0.05	78
1138597	0.44	348	0.6	0.004	28	0.047	15.3	0.025	1	1.8	0.25	6	0.1	4.8	0.018	0.1	1.6	27	0.1	72
1138598	0.47	321	0.6	0.005	25.9	0.043	15.3	0.025	1.2	2.1	0.25	8	0.1	7.7	0.017	0.1	1.5	27	0.1	66
1138599	0.38	440	0.6	0.003	21.1	0.038	16.2	0.025	1.5	2	0.25	6	0.1	5.1	0.02	0.1	1.2	28	0.1	65
1138600	0.41	369	0.7	0.004	24.5	0.037	23.1	0.025	1.5	2.4	0.25	7	0.1	6.3	0.023	0.2	1.2	30	0.2	74
1138601	0.64	492	0.2	0.007	32.9	0.051	23.2	0.025	0.8	2.1	0.25	11	0.1	18.2	0.005	0.05	0.6	17	0.05	81
1138602	0.49	254	0.6	0.006	26.4	0.052	40	0.025	0.9	2.6	0.25	11	0.1	9.4	0.016	0.1	0.9	30	0.2	111
1138603	0.78	596	0.4	0.006	53.3	0.053	87.2	0.025	0.9	2.3	0.25	13	0.1	17.6	0.005	0.1	1.5	17	0.05	168
1138604	0.73	407	0.6	0.005	26.2	0.053	31.5	0.025	0.6	2.2	0.25	10	0.1	7.7	0.007	0.2	0.8	29	0.3	79
1138605	0.22	165	1.2	0.013	8.8	0.058	13.7	0.025	0.6	0.8	0.25	8	0.1	0.2	0.028	0.1	0.5	42	0.2	33
1138606	0.41	287	1.1	0.005	21.4	0.062	80.5	0.025	0.9	1.6	0.25	9	0.1	3.1	0.016	0.2	1.3	38	0.4	103
1138607	0.37	262	1	0.006	15.9	0.049	25	0.025	0.8	1.5	0.25	9	0.1	2.3	0.022	0.1	0.8	40	0.6	68
1138608	0.67	1059	0.7	0.004	43.1	0.048	133.4	0.025	1.8	1.6	0.25	11	0.1	14.7	0.004	0.2	1.8	15	0.1	195
1138609	0.46	981	0.7	0.005	28.8	0.062	61.9	0.025	1.2	2.2	0.25	12	0.1	12.1	0.017	0.2	2.5	25	0.6	109
1138610	0.41	310	0.9	0.008	19.9	0.077	22.8	0.06	0.6	1.1	0.25	21	0.1	1.7	0.009	0.2	1.8	33	0.6	85
1138611	0.57	388	0.7	0.004	33.3	0.058	19.6	0.025	0.6	1.8	0.25	13	0.1	15.5	0.014	0.1	1.8	26	0.4	122
1138612	0.41	265	0.5	0.006	20.5	0.05	14.6	0.025	0.4	1.8	0.25	18	0.1	8.1	0.012	0.1	1.7	20	0.2	287
1138613	0.45	326	0.6	0.008	27.5	0.062	17.4	0.05	0.5	2.5	0.25	20	0.1	5.9	0.014	0.1	2.1	25	0.2	141
1138614	0.45	507	0.6	0.004	37.2	0.065	22	0.025	0.4	1.3	0.25	10	0.1	15.7	0.004	0.1	1.5	14	0.1	126
1138615	0.42	307	0.6	0.006	20.3	0.065	28.8	0.025	0.6	1.6	0.6	17	0.1	2.8	0.014	0.2	1.6	27	0.2	286
1138616	0.45	215	0.3	0.005	22.6	0.048	13.5	0.025	0.7	1.5	0.25	14	0.1	9.6	0.007	0.05	1.5	18	0.1	56
1138617	0.3	188	0.6	0.005	12.1	0.036	34.3	0.025	0.8	1.2	0.25	10	0.1	5.4	0.025	0.05	0.6	29	0.2	63
1138618	0.43	297	0.6	0.006	22.7	0.052	15.2	0.025	0.6	1.5	0.25	11	0.1	6.8	0.013	0.05	0.7	28	0.2	50
1138619	0.57	229	0.7	0.005	23.9	0.046	9.5	0.025	0.7	1.4	0.25	8	0.1	8.4	0.013	0.05	0.6	30	0.1	51
1138620	0.8	801	0.5	0.004	39.6	0.03	16.4	0.025	0.9	1.9	0.25	5	0.1	15.4	0.003	0.05	0.6	20	0.05	90
1138621	0.43	248	0.7	0.007	20.3	0.066	13.2	0.025	0.7	2.4	0.25	12	0.1	5.5	0.026	0.05	1	35	0.2	58
1138622	0.46	232	0.7	0.006	21.4	0.056	16	0.025	0.8	1.8	0.25	10	0.1	5.3	0.019	0.1	0.9	32	0.2	61
1138623	0.49	298	0.7	0.007	25.3	0.054	26.2	0.025	0.8	1.9	0.25	10	0.1	6.7	0.015	0.1	1	31	0.2	75
1138624	0.52	590	0.5	0.004	26.3	0.047	26.1	0.025	0.7	1.6	0.25	9	0.1	9.7	0.005	0.2	0.8	23	0.05	78
1138625	0.41	560	0.6	0.005	18.1	0.049	33.5	0.025	0.9	2	0.25	9	0.1	4.6	0.013	0.2	0.9	29	0.2	74
1138626	0.51	412	0.7	0.005	30	0.04	306	0.025	1.7	1.4	0.25	8	0.1	8.3	0.013	0.1	0.9	25	0.1	170
1138627	0.35	594	0.6	0.006	30.8	0.064	34.1	0.025	0.6	1.6	0.25	23	0.1	9.9	0.007	0.05	1	15	0.1	67
1138628	0.39	339	0.5	0.006	30.6	0.052	30.6	0.025	0.5	1.5	0.25	17	0.1	13.6	0.005	0.05	2.2	13	0.1	76
1138629	0.33	334	0.4	0.005	27	0.054	34.3	0.025	0.9	1.6	0.25	13	0.1	15.4	0.006	0.2	1.8	14	0.1	69

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1138631	413127	7074017	8N	0.3	1.09	27.7	3.2	1	121	0.3	0.19	0.1	7	14	20.6	2.02	3	0.02	0.07	32
1138632	413219	7074057	8N	0.05	1.07	16.4	4.7	0.5	46	0.2	0.07	0.1	5.9	17	12.5	2.18	3	0.05	0.03	13
1138633	413237	7074012	8N	0.3	1.09	39	15.2	0.5	113	0.2	0.18	0.2	7.9	17	26.6	2.26	3	0.03	0.05	31
1138635	414173	7072831	8N	0.2	1.36	87.3	7.8	1	148	1.7	0.1	4.4	9.1	23	54.9	2.66	4	0.02	0.12	22
1138636	414154	7072877	8N	0.2	1.14	68	9.5	0.5	129	0.9	0.12	4	8.7	21	43.2	2.33	4	0.04	0.09	23
1138637	414135	7072924	8N	0.2	1.26	75	9	1	128	0.9	0.13	2.9	8.1	23	48.8	2.38	4	0.04	0.07	20
1138638	414115	7072970	8N	0.4	1.34	83.3	11	0.5	168	1.2	0.16	4.9	9.8	24	87.9	2.39	4	0.05	0.07	17
1138639	414096	7073016	8N	0.6	1.47	132.3	28.1	1	175	1.9	0.15	4.4	9	24	106.9	2.39	5	0.07	0.1	17
1138640	414076	7073061	8N	0.6	1.52	147.7	11.6	1	217	2.3	0.23	9.5	13.6	26	116.7	2.68	5	0.07	0.13	21
1138641	414056	7073108	8N	0.9	1.89	416.5	19	1	249	4.2	0.2	12.6	16.3	28	160.1	2.93	6	0.04	0.16	23
1138642	414036	7073154	8N	0.5	1.51	265.5	3.6	2	145	1.6	0.21	10.4	9.2	23	84.3	2.47	5	0.03	0.07	15
1138643	414017	7073199	8N	0.4	1.55	348.1	15.1	1	143	1	0.28	5.7	7.7	25	100.7	2.39	5	0.03	0.06	18
1138644	413997	7073245	8N	0.6	1.58	186.8	5.6	1	184	0.8	0.29	3.8	11.1	27	70.2	2.63	5	0.03	0.13	22
1138645	413977	7073293	8N	0.5	1.48	219.2	10.9	1	185	0.9	0.19	2.3	13.4	24	63.3	2.85	4	0.03	0.11	19
1138646	413958	7073338	8N	0.2	1.02	177.6	5.2	2	69	1	0.05	0.5	4.4	18	20.3	2.19	5	0.06	0.06	12
1138647	413938	7073384	8N	0.5	1.51	132.3	8	2	189	0.8	0.2	2.6	11.1	26	53.6	2.8	5	0.04	0.11	15
1138648	413918	7073429	8N	0.3	1.24	120	5.9	0.5	177	1	0.18	2.3	10.1	22	37.2	2.42	4	0.04	0.06	15
1138649	413899	7073475	8N	0.2	1.26	85.7	9.1	0.5	177	0.7	0.14	2	8.5	22	29.3	2.46	4	0.03	0.07	16
1138651	414533	7074288	8N	0.8	1.6	108.2	15.5	1	193	0.8	0.28	2.3	11	28	29.5	2.95	5	0.06	0.09	27
1138652	414551	7074242	8N	0.5	1.42	41.2	5.7	0.5	130	0.4	0.14	0.6	5.8	26	18.5	2.35	5	0.04	0.06	16
1138653	414571	7074196	8N	0.7	1.15	101.5	78.9	0.5	138	0.3	0.15	0.5	8.3	22	22.5	2.32	3	0.03	0.07	19
1138654	414590	7074150	8N	0.8	1.44	102.2	7.6	1	128	0.6	0.18	1	11.4	26	29	2.84	4	0.06	0.14	18
1138655	414611	7074104	8N	2.3	1.83	409.7	25.5	2	122	0.9	0.29	4.3	10.7	29	42.4	3.14	6	0.02	0.15	26
1138656	414629	7074058	8N	1	1.22	142.1	13.1	1	159	1.7	0.14	6.3	10.3	24	51.3	2.69	4	0.05	0.05	21
1138657	414650	7074012	8N	0.1	1.71	60.3	7	2	179	0.3	0.18	0.5	11.2	27	24.4	2.59	5	0.03	0.13	18
1138658	414669	7073966	8N	0.3	1.13	86.2	15.5	2	96	0.3	0.16	0.5	6.4	22	23.9	2.22	4	0.03	0.06	17
1138659	414690	7073920	8N	0.05	1.25	235.5	18.9	0.5	133	0.3	0.14	0.1	9	22	19.6	2.25	4	0.03	0.1	13
1138660	414710	7073874	8N	0.1	1.34	149.6	22.6	1	153	0.6	0.17	0.6	10.5	25	31.8	2.61	4	0.06	0.07	18
1138661	414728	7073827	8N	0.1	1.23	144.8	45.8	1	177	0.3	0.19	0.6	11.9	22	24.1	2.38	3	0.05	0.06	20
1138662	414747	7073783	8N	0.2	1.42	695.9	228	1	218	1.1	0.31	0.4	15	24	25.7	2.7	4	0.05	0.15	18
1138664	414787	7073692	8N	0.2	1.37	134.5	131.8	0.5	189	0.7	0.21	0.4	10.5	23	22.6	2.42	4	0.03	0.08	17
1138665	414806	7073645	8N	0.1	1.31	104	17.2	1	134	0.4	0.16	0.2	9.8	23	22.4	2.55	4	0.05	0.06	16
1138666	414826	7073599	8N	0.4	1.97	158.9	21	1	250	0.8	0.26	0.4	14.4	30	39	3.5	6	0.05	0.13	25
1138667	414845	7073552	8N	0.3	1.49	67.4	22.9	16	175	0.6	0.2	0.5	10.4	24	27.8	2.53	5	0.03	0.11	18
1138668	414864	7073506	8N	0.1	1.98	158.2	30.6	0.5	144	0.7	0.19	0.3	12.9	28	45.9	3.16	6	0.02	0.24	27
1138669	414885	7073460	8N	0.2	1.57	514.9	30.9	0.5	130	0.5	0.15	0.3	16.3	21	38.3	2.72	5	0.03	0.11	19
1138670	414903	7073414	8N	0.1	1.56	60.1	15	0.5	127	0.3	0.08	0.3	8.2	23	26.8	2.56	4	0.04	0.08	14
1138671	414923	7073368	8N	0.4	1.42	73.7	12.1	1	153	0.5	0.16	1.8	10.7	24	48.5	2.79	4	0.03	0.16	20
1138672	414943	7073322	8N	0.4	1.45	81.4	28.7	2	160	0.5	0.15	1.9	10.7	26	51.4	2.71	5	0.04	0.11	20
1138673	414963	7073276	8N	0.4	1.35	142.9	15	0.5	133	0.6	0.28	2.4	12.9	23	64.4	2.8	4	0.04	0.12	23
1138674	414982	7073230	8N	0.5	1.73	186.6	41.5	1	179	0.6	0.24	2.7	19.7	26	76.5	3.54	5	0.05	0.2	29
1138675	415001	7073184	8N	1.2	2.05	381.6	18.6	2	156	1.4	0.34	16.7	17.1	29	193.1	3.7	6	0.04	0.19	30
1138681	414795	7074181	8N	0.05	1.71	50.1	6.6	0.5	195	0.3	0.18	0.5	11.1	26	22.8	2.68	5	0.06	0.1	18
1138682	414815	7074135	8N	0.5	1.55	436.2	27.5	2	188	1.3	0.16	2.6	12.8	25	38.9	2.76	4	0.05	0.1	20
1138683	414835	7074089	8N	0.2	1.41	92.3	9.3	1	198	0.3	0.23	1.2	11.7	23	35.9	2.47	5	0.04	0.13	19
1138684	414853	7074043	8N	0.3	1.17	206.5	25.3	0.5	146	0.4	0.2	0.7	9.9	22	22.2	2.58	4	0.05	0.09	19

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1138631	0.37	270	0.4	0.005	20.1	0.042	20	0.025	0.7	1.6	0.25	11	0.1	8.9	0.008	0.1	1	19	0.2	54
1138632	0.28	199	0.8	0.005	12.7	0.033	14.9	0.025	0.6	1.4	0.25	7	0.1	4	0.024	0.05	0.6	32	0.2	41
1138633	0.42	231	0.5	0.005	26.8	0.049	19.2	0.025	0.6	2.1	0.25	11	0.1	11.9	0.008	0.05	1.4	21	0.2	68
1138635	0.4	443	0.8	0.006	22.8	0.049	9.9	0.025	0.6	1.7	0.8	14	0.1	6.1	0.037	0.5	1	36	2.8	602
1138636	0.35	378	0.7	0.006	19.2	0.049	9.4	0.025	0.7	1.6	0.25	14	0.1	4.8	0.034	0.4	1.1	36	1.4	369
1138637	0.36	378	0.9	0.006	19.2	0.052	10	0.025	0.7	1.7	0.25	13	0.1	3.9	0.034	0.4	1.1	38	1.6	409
1138638	0.36	490	1.1	0.007	22.2	0.06	10.3	0.025	0.8	1.8	0.25	17	0.1	4	0.03	0.3	1	40	1.8	664
1138639	0.36	340	0.9	0.009	20.8	0.073	9.8	0.025	0.8	1.5	0.25	19	0.1	3.6	0.028	0.5	1.1	35	2.3	736
1138640	0.39	483	0.9	0.009	25.9	0.082	13.5	0.025	0.6	1.9	0.25	35	0.1	6.9	0.036	0.5	1.5	40	3	1149
1138641	0.41	628	1	0.012	30.7	0.075	14.7	0.025	0.7	2.3	0.25	31	0.1	8.3	0.035	0.8	1.8	38	4.2	1290
1138642	0.4	511	0.9	0.008	19.2	0.069	11.5	0.07	0.5	1.2	0.25	22	0.1	1	0.016	0.4	1.2	35	0.7	820
1138643	0.4	337	0.8	0.008	20.6	0.058	14	0.06	0.5	1.4	0.25	26	0.1	1.4	0.017	0.3	1.5	37	0.3	586
1138644	0.41	340	1	0.017	27.6	0.064	13.3	0.05	0.5	2.3	0.25	39	0.1	5.7	0.033	0.5	1.5	37	0.4	467
1138645	0.41	400	0.8	0.02	32.6	0.047	13.2	0.09	0.6	2.1	0.25	35	0.1	6.9	0.03	0.4	1.5	33	0.5	321
1138646	0.19	162	1.1	0.007	10.8	0.044	11.4	0.025	0.5	1	0.8	11	0.1	4	0.03	0.3	0.7	33	0.5	114
1138647	0.49	489	0.8	0.008	26.3	0.044	18.6	0.025	0.6	2.1	0.6	24	0.1	4.3	0.026	0.4	1.1	33	0.4	344
1138648	0.38	460	0.8	0.006	21.9	0.052	15.1	0.025	0.6	1.6	0.25	26	0.1	2.7	0.018	0.3	1.1	32	0.5	237
1138649	0.46	372	0.8	0.005	22.9	0.05	14.2	0.025	0.5	1.4	0.25	20	0.1	2.9	0.016	0.3	0.8	31	0.3	210
1138651	0.46	708	0.7	0.016	29.7	0.056	40.5	0.025	0.7	2.3	0.25	22	0.1	4.8	0.03	0.3	1.5	39	0.4	305
1138652	0.34	354	1.1	0.006	17.1	0.077	38.7	0.05	0.6	1.2	0.25	12	0.1	1	0.019	0.4	0.9	40	0.3	117
1138653	0.37	441	0.7	0.005	22.7	0.054	35.4	0.025	0.9	1.9	0.25	13	0.1	3	0.021	0.2	1.1	34	0.4	113
1138654	0.46	1278	1	0.007	26.6	0.069	46.9	0.025	1.3	2.3	0.25	17	0.1	5	0.036	0.3	1.4	37	0.5	295
1138655	0.61	1455	0.7	0.009	29.6	0.063	110.9	0.025	2	3.4	0.25	26	0.1	6.4	0.038	0.5	1.6	35	0.6	689
1138656	0.38	898	1.1	0.006	24.9	0.049	65.8	0.025	1.8	2.5	0.25	12	0.1	3.3	0.029	0.3	1.3	42	0.8	802
1138657	0.53	589	1	0.007	27.5	0.053	19.7	0.025	0.8	2.6	0.25	16	0.1	6.1	0.049	0.3	1	39	0.4	106
1138658	0.4	1067	0.9	0.006	20.8	0.059	35.5	0.025	1	2.8	0.7	15	0.1	4.5	0.041	0.1	0.9	36	0.3	144
1138659	0.42	298	0.9	0.007	20.7	0.042	11	0.025	0.8	1.9	0.25	14	0.1	4.3	0.049	0.2	0.7	37	0.8	59
1138660	0.44	368	1	0.006	22.4	0.075	12	0.025	0.9	2.6	0.25	18	0.1	7.4	0.049	0.2	1.7	40	0.8	94
1138661	0.34	449	1.1	0.006	27.8	0.084	11.8	0.025	1	2.2	0.25	18	0.1	3.8	0.041	0.1	1.5	41	0.6	90
1138662	0.42	543	0.8	0.009	25.4	0.095	14.5	0.06	1.2	1.7	0.25	43	0.1	4.9	0.04	0.3	1.5	34	0.7	88
1138664	0.45	389	0.6	0.016	24.8	0.05	10.6	0.025	0.8	2.2	0.25	31	0.1	6.1	0.041	0.2	1	33	0.7	63
1138665	0.4	370	0.8	0.007	22.4	0.045	10.5	0.025	0.8	1.8	0.25	16	0.1	3.6	0.03	0.2	1.1	36	0.4	61
1138666	0.59	881	0.9	0.014	30.6	0.064	21.6	0.025	0.9	2.8	0.25	29	0.1	5.9	0.034	0.4	2.1	42	0.4	124
1138667	0.42	518	0.7	0.009	24.1	0.057	19.7	0.025	0.7	2	0.25	21	0.1	5	0.032	0.3	1.2	34	0.5	92
1138668	0.6	534	0.7	0.007	31	0.064	15.2	0.025	0.6	2.5	0.25	23	0.1	12.1	0.039	0.7	1.6	35	0.7	85
1138669	0.41	514	0.8	0.007	30	0.05	15.4	0.025	0.9	1.9	0.8	26	0.1	6.7	0.029	0.3	1.2	31	0.5	87
1138670	0.38	308	0.9	0.005	21.7	0.045	12.5	0.05	0.7	2	0.6	11	0.1	4.3	0.03	0.4	0.9	36	0.7	67
1138671	0.43	541	0.8	0.009	23.4	0.061	78.9	0.06	0.8	2.4	0.7	22	0.1	8.5	0.041	0.3	1.4	32	0.7	322
1138672	0.43	566	0.8	0.008	25.6	0.054	16.8	0.025	0.7	2.5	0.8	17	0.1	8.8	0.043	0.2	1.5	37	0.9	252
1138673	0.42	1143	0.9	0.011	27.8	0.066	23.4	0.025	0.7	2.4	0.7	28	0.1	8.6	0.04	0.2	1.6	36	1.1	321
1138674	0.48	1548	0.8	0.015	37.2	0.076	44.8	0.12	0.9	2.6	0.8	44	0.1	11.1	0.048	0.4	2	35	1.1	448
1138675	0.62	943	0.7	0.028	35.3	0.059	32.1	0.025	0.7	3.3	1	40	0.1	12.8	0.074	0.3	2.2	35	0.7	2237
1138681	0.55	411	0.8	0.008	27	0.07	14.6	0.06	0.7	1.5	0.25	21	0.1	2	0.036	0.3	1.1	39	0.5	103
1138682	0.52	671	0.7	0.008	28.7	0.05	32.7	0.025	1	2.5	0.25	18	0.1	5.6	0.033	0.3	1.4	35	0.5	466
1138683	0.44	427	0.7	0.006	27.9	0.077	13.2	0.025	0.7	2.3	1.3	25	0.1	8.3	0.041	0.3	1.6	35	0.5	207
1138684	0.44	928	0.9	0.006	26.9	0.048	40.4	0.025	1.5	1.9	0.25	18	0.1	6.1	0.028	0.3	1.5	32	0.7	224

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1138685	414874	7073996	8N	0.3	1.91	296.2	17.6	1	223	0.6	0.29	0.8	15.7	31	34.2	3.55	6	0.06	0.12	19
1138686	414893	7073953	8N	0.2	1.67	249.7	36.7	0.5	189	0.4	0.21	0.3	12.5	27	31.8	2.93	5	0.04	0.11	21
1138687	414912	7073908	8N	0.2	1.88	191.5	35.4	1	197	0.5	0.19	0.9	12.7	30	30.6	3	5	0.04	0.09	19
1138688	414931	7073861	8N	0.1	1.57	179	24.3	1	201	0.2	0.2	0.4	10.7	24	24.5	2.57	5	0.04	0.1	15
1138691	414599	7074642	8N	0.7	2.09	213.8	21.5	2	101	1.3	0.31	5.4	25.2	49	84.2	4.24	6	0.02	0.17	44
1138692	414619	7074596	8N	4	2.06	880.7	26.1	0.5	143	8.3	0.17	9.8	32.1	33	209.1	5.12	6	0.06	0.13	61
1138693	414638	7074550	8N	1.6	1.95	411.4	71.2	2	117	3.5	0.16	4.9	27.1	30	125.4	4.54	6	0.06	0.1	69
1138694	414659	7074503	8N	1.7	1.92	246.9	23.3	1	108	0.9	0.45	1.5	21.1	70	42	3.8	6	0.02	0.25	28
1138695	414677	7074457	8N	10.5	1.86	226.3	29.8	2	92	1.4	0.49	12.6	18.9	34	117.6	4.22	6	0.06	0.2	35
1138696	414698	7074412	8N	0.9	1.53	113.7	8.9	1	80	0.8	0.08	1.4	15.2	25	48.3	3.27	5	0.06	0.06	22
1138697	414717	7074365	8N	1.2	2.14	58	4.2	0.5	211	0.6	0.33	4.3	15.1	32	74.2	2.94	7	0.02	0.23	40
1138698	414736	7074320	8N	1.3	1.82	90.2	9.5	0.5	165	0.5	0.15	1	10.4	30	38.2	3.12	6	0.03	0.08	24
1138699	414756	7074273	8N	0.5	1.55	70.8	11.8	0.5	126	0.4	0.14	0.4	8.6	26	25.7	2.59	5	0.04	0.08	15
1138700	414776	7074228	8N	0.3	1.9	104.9	15.6	1	202	0.4	0.34	0.8	14.8	28	32.7	3.1	6	0.04	0.22	19
1138702	413373	7071134	8N	0.1	1.17	12.7	3.9	0.5	95	0.2	0.08	0.05	7.3	22	20.2	2.19	4	0.03	0.03	14
1138703	413353	7071180	8N	0.1	1.01	12.2	1	1	114	0.2	0.1	0.2	5.6	20	15.8	1.98	4	0.03	0.04	14
1138704	413334	7071227	8N	0.3	1.43	23.5	3	2	94	0.3	0.08	0.3	8.8	47	31.2	2.75	5	0.03	0.06	26
1138705	413315	7071273	8N	0.4	0.99	15.7	5.4	0.5	87	0.2	0.09	0.2	8.5	19	29.9	2.22	3	0.03	0.03	22
1138706	413296	7071319	8N	0.5	1.36	15.1	3.2	1	221	0.3	0.16	0.2	9.7	25	34.9	2.82	4	0.04	0.06	30
1138707	413275	7071364	8N	0.2	0.96	13.7	2.5	0.5	78	0.1	0.07	0.2	8.9	19	17.7	2.12	3	0.02	0.03	16
1138708	413255	7071411	8N	0.4	1.15	13.7	2.2	1	94	0.2	0.1	0.1	7.9	20	22.3	2.15	3	0.04	0.04	20
1138709	413746	7071021	8N	0.05	1.34	12.1	2.5	0.5	94	0.3	0.1	0.2	14.5	21	31.5	2.49	4	0.03	0.04	31
1138710	413726	7071067	8N	0.2	1.27	12	0.8	0.5	76	0.2	0.09	0.1	8.3	20	22.2	2.52	4	0.03	0.04	23
1138711	413707	7071112	8N	0.2	1.37	21.5	3.3	0.5	99	0.2	0.12	0.2	12.3	20	30.5	2.6	3	0.04	0.04	29
1138712	413688	7071160	8N	0.05	1.33	17.9	2	0.5	107	0.3	0.15	0.2	19.4	22	39.8	2.88	4	0.02	0.04	40
1138713	413668	7071205	8N	0.05	1.39	16	22.4	1	99	0.2	0.08	0.2	15.1	24	33.8	2.72	3	0.06	0.04	23
1138714	413648	7071251	8N	0.1	1.37	19.4	1.8	0.5	105	0.3	0.09	0.2	13.6	23	32.5	2.99	4	0.03	0.06	41
1138715	413629	7071297	8N	0.05	1.27	12.9	2.1	0.5	92	0.2	0.11	0.2	10.5	22	22.8	2.7	4	0.03	0.04	29
1138716	413609	7071344	8N	0.05	1.1	12	5.8	0.5	65	0.2	0.07	0.1	8.6	20	16.1	2.37	3	0.02	0.04	17
1138717	413590	7071390	8N	0.1	1.26	12.5	6.3	0.5	83	0.2	0.08	0.1	7.7	20	21.2	2.45	4	0.03	0.05	28
1138718	413570	7071436	8N	0.05	1.07	11.4	4.3	0.5	76	0.2	0.16	0.2	9.5	22	21.6	2.62	4	0.01	0.05	24
1138719	413551	7071482	8N	0.1	1.25	12.8	19.8	1	122	0.2	0.12	0.2	8.1	21	22.4	2.45	4	0.03	0.05	26
1138720	413531	7071528	8N	0.2	1.11	10.7	6.1	0.5	93	0.1	0.15	0.1	7.6	19	22.8	2.02	3	0.04	0.04	22
1138721	413512	7071574	8N	0.2	1.65	19.2	3	0.5	231	0.3	0.11	0.3	9.3	25	28.6	2.85	5	0.04	0.06	23
1138722	413492	7071620	8N	0.2	1.22	13.4	9	1	255	0.2	0.15	0.4	9.2	20	30	2.26	3	0.02	0.07	20
1138723	413472	7071667	8N	0.1	1.34	10.7	10.8	2	108	0.2	0.11	0.3	6.7	21	21.5	2.1	4	0.03	0.06	23
1138724	413454	7071712	8N	0.1	1.38	10.6	3.6	0.5	153	0.2	0.09	0.1	6.6	21	20.3	2.18	4	0.03	0.04	24
1138725	413434	7071756	8N	0.1	1.53	12.4	4.6	2	236	0.2	0.12	0.2	8.1	23	23.9	2.43	4	0.04	0.05	28
1138726	413415	7071802	8N	0.1	1.35	12.7	6.1	0.5	107	0.2	0.08	0.1	7.6	21	19.1	2.24	4	0.03	0.04	23
1138727	413394	7071849	8N	0.1	1.25	13.5	4.3	1	135	0.2	0.1	0.2	7.6	19	26	2.2	3	0.03	0.05	23
1138728	413376	7071895	8N	0.1	1.41	10.3	5.2	0.5	107	0.2	0.08	0.2	6.2	21	19.5	2.18	4	0.03	0.05	23
1138729	413356	7071941	8N	0.2	1.51	11.9	5	0.5	102	0.1	0.07	0.2	6.7	22	20.5	2.32	4	0.03	0.04	23
1138730	413336	7071987	8N	0.2	1.51	11.2	2.9	0.5	190	0.2	0.09	0.3	6.7	23	19.4	2.3	4	0.06	0.04	23
1138732	413317	7072033	8N	0.4	1.38	14.3	2.3	0.5	89	0.2	0.07	0.2	5.3	21	12.5	2.22	5	0.03	0.04	23
1138733	413298	7072079	8N	1.2	1.6	86.5	14.5	0.5	130	0.3	0.08	0.2	9.6	22	28.7	2.98	4	0.04	0.06	33
1138734	413277	7072127	8N	1.2	1.11	68.1	17.9	0.5	144	0.3	0.18	0.2	10.6	17	25.4	2.83	3	0.08	0.06	35

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1138685	0.58	1657	1.1	0.009	34.5	0.087	43.5	0.025	1	2.9	0.9	22	0.1	3.5	0.03	0.3	2.1	45	0.4	245
1138686	0.53	712	0.8	0.008	30.9	0.062	14	0.025	1	2.3	0.6	23	0.1	5.7	0.03	0.3	1.6	36	0.7	94
1138687	0.61	519	0.8	0.016	30.9	0.07	14.8	0.06	0.7	3.1	0.7	22	0.1	6.4	0.045	0.2	1.7	40	0.5	131
1138688	0.42	461	0.8	0.01	24.7	0.068	11.3	0.025	0.7	2.2	0.8	21	0.1	4	0.032	0.2	1.3	36	0.7	76
1138691	0.93	962	0.7	0.013	61.1	0.099	47.2	0.05	0.9	3.1	0.6	51	0.1	13.3	0.045	0.4	3.2	37	0.3	525
1138692	0.69	1023	0.9	0.02	44.8	0.103	100.7	0.14	1.1	2.7	1.2	50	0.1	15.1	0.022	0.5	5.2	28	0.5	869
1138693	0.69	935	0.9	0.013	45.6	0.117	47.7	0.1	0.9	2.4	1.4	35	0.1	14.2	0.023	0.3	5	30	0.4	460
1138694	1.02	1332	0.6	0.017	72.4	0.089	85.1	0.025	1.8	3.8	0.8	40	0.1	10.7	0.083	0.7	1.6	46	0.4	287
1138695	0.65	5365	0.8	0.038	42.7	0.084	195.7	0.05	2.5	4	1	47	0.1	11.8	0.04	0.6	2.2	36	0.3	1190
1138696	0.39	1187	1.4	0.004	24.8	0.073	57	0.025	1.3	1.4	0.8	9	0.1	3	0.015	0.3	1.3	40	0.3	276
1138697	0.77	1229	0.5	0.003	35.3	0.057	95.1	0.025	0.9	3.6	0.9	24	0.1	15.5	0.013	1	1.5	34	0.2	653
1138698	0.52	960	0.8	0.006	31.7	0.069	42.4	0.025	1	2.2	0.25	15	0.1	4.4	0.018	0.6	1.2	37	0.2	167
1138699	0.46	358	0.8	0.005	26.5	0.042	21.7	0.025	0.8	1.9	0.25	12	0.1	2.8	0.022	0.4	0.7	37	0.3	110
1138700	0.58	489	0.8	0.012	39	0.077	20	0.025	0.7	2.7	0.6	33	0.1	5.7	0.048	0.6	1.4	40	0.4	163
1138702	0.34	263	1	0.004	17.8	0.055	12.6	0.025	0.9	1.3	0.25	8	0.1	1.7	0.016	0.05	1.2	31	0.2	48
1138703	0.31	210	0.8	0.005	14.6	0.052	12.6	0.025	0.7	1	0.5	9	0.1	0.7	0.021	0.1	0.8	38	0.3	56
1138704	0.39	354	1.8	0.005	32.5	0.099	22.1	0.12	2.4	1	1	11	0.1	0.7	0.018	0.2	1.5	39	0.3	68
1138705	0.35	316	0.8	0.003	20.4	0.06	20.2	0.025	1.4	1.6	0.25	9	0.1	4.4	0.02	0.05	1.6	26	0.3	62
1138706	0.46	370	1.3	0.005	24.2	0.079	19.4	0.025	1.3	2.5	0.6	14	0.1	6	0.035	0.05	2.1	39	0.3	77
1138707	0.32	517	0.9	0.003	18.8	0.054	10.1	0.025	1.3	1	0.25	7	0.1	2	0.012	0.05	0.9	24	0.2	44
1138708	0.33	341	0.7	0.004	20.8	0.047	8.8	0.025	0.9	1.6	0.25	8	0.1	4.3	0.023	0.1	0.9	28	0.3	51
1138709	0.48	422	0.7	0.003	30.8	0.044	17.3	0.025	1.1	1.5	0.25	9	0.1	7	0.02	0.05	1.1	27	0.2	67
1138710	0.35	318	1	0.004	19.7	0.038	17.1	0.025	1	1.4	0.8	7	0.1	5.9	0.019	0.1	0.7	33	0.3	54
1138711	0.43	609	0.6	0.004	26.5	0.054	22.3	0.025	1.4	1.5	0.8	9	0.1	6.3	0.013	0.05	1.2	26	0.2	61
1138712	0.51	784	0.6	0.003	39.1	0.058	23.2	0.025	1.6	1.3	0.6	10	0.1	10.5	0.012	0.1	1.4	25	0.3	74
1138713	0.36	462	0.8	0.004	30.8	0.041	15.9	0.025	1.1	1.9	0.9	8	0.1	7.5	0.027	0.05	1.4	37	0.5	60
1138714	0.41	648	1	0.005	28.3	0.052	21.1	0.025	0.9	1.5	0.8	9	0.1	7.7	0.019	0.05	1.6	34	0.3	72
1138715	0.36	385	1	0.004	21.1	0.049	19.5	0.025	0.7	1.2	0.8	11	0.1	3	0.018	0.05	1.4	38	0.2	52
1138716	0.3	357	0.9	0.004	18.9	0.03	13	0.06	0.8	1.5	0.6	7	0.1	3.5	0.026	0.05	0.7	34	0.2	49
1138717	0.41	265	0.9	0.004	21.4	0.042	13.8	0.025	0.7	1.5	0.25	9	0.1	4.4	0.022	0.05	1	30	0.2	56
1138718	0.38	398	1.1	0.004	22.1	0.072	14.1	0.025	0.8	1.6	0.5	13	0.1	4.6	0.031	0.05	0.9	38	0.4	64
1138719	0.36	374	0.8	0.005	20.3	0.065	18.7	0.025	0.8	1.2	0.25	11	0.1	1.6	0.018	0.05	1.1	31	0.3	56
1138720	0.36	277	0.6	0.005	19.4	0.058	10.8	0.025	0.7	1.9	0.25	12	0.1	5	0.034	0.05	1	30	0.3	55
1138721	0.41	331	1.1	0.005	22.6	0.071	17.7	0.025	0.9	2.2	0.25	11	0.1	2.5	0.02	0.2	1.6	38	0.2	69
1138722	0.34	402	0.7	0.005	25.7	0.067	11.6	0.025	0.9	3.7	0.25	14	0.1	6.6	0.045	0.05	1.3	34	0.2	71
1138723	0.36	212	0.8	0.005	19	0.054	11.5	0.025	0.7	2.3	0.6	11	0.1	3.3	0.038	0.1	1.2	35	0.1	63
1138724	0.38	190	0.7	0.006	19.3	0.046	12.4	0.025	0.7	2.1	0.25	9	0.1	3.5	0.026	0.05	1.2	31	0.2	63
1138725	0.42	305	0.7	0.006	23.2	0.058	12.8	0.025	0.8	2.6	0.25	12	0.1	3.8	0.035	0.1	1.3	37	0.2	72
1138726	0.35	327	0.8	0.005	18	0.057	14.1	0.025	0.8	1.4	0.25	8	0.1	1.7	0.023	0.1	1	34	0.2	63
1138727	0.32	355	0.7	0.005	20.5	0.059	12.3	0.025	0.9	2.8	0.25	9	0.1	6.5	0.041	0.05	1.3	32	0.2	67
1138728	0.32	261	0.7	0.004	18.5	0.047	10.7	0.025	0.8	2	0.25	8	0.1	3.4	0.036	0.05	1.1	35	0.1	64
1138729	0.33	268	0.9	0.003	19.9	0.042	13.8	0.025	1	2	0.25	8	0.1	3.4	0.037	0.1	1.1	38	0.1	69
1138730	0.34	290	0.8	0.004	20	0.044	12.5	0.025	0.9	2	0.25	11	0.1	2.6	0.032	0.1	1.1	37	0.2	65
1138732	0.35	294	0.6	0.004	14.7	0.057	14.8	0.025	1	0.8	0.25	7	0.1	1	0.015	0.1	0.8	33	0.2	57
1138733	0.41	728	0.7	0.004	23.2	0.063	26.2	0.025	1.8	1.7	0.25	9	0.1	4.3	0.009	0.3	1.5	28	0.1	88
1138734	0.33	641	0.7	0.004	25.4	0.053	25.3	0.025	1.4	1.7	0.25	12	0.1	6.8	0.013	0.1	1.3	24	0.2	82

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1138735	413259	7072172	8N	4.4	1.05	155.2	29.3	1	134	0.4	0.21	0.3	14.5	16	22.7	2.78	3	0.04	0.07	35
1138736	413238	7072217	8N	0.8	1.03	30.9	4.1	2	121	0.3	0.17	0.3	11.8	14	24.4	2.77	3	0.02	0.07	43
1138737	413219	7072264	8N	0.9	1.01	52.1	18.5	1	120	0.3	0.21	0.1	11.1	14	23.6	2.6	3	0.04	0.09	39
1138738	413200	7072309	8N	2.3	1.46	116.5	18.2	0.5	97	0.3	0.15	0.4	9.1	17	34.4	2.78	4	0.02	0.07	50
1138739	413180	7072356	8N	4.5	1.49	114.8	34.7	0.5	74	0.2	0.07	0.7	11.6	17	15.3	2.52	5	0.05	0.04	22
1138742	413699	7071654	8N	38.6	0.73	800.4	61	5	75	0.6	0.1	2.8	6.8	12	52.4	2.62	3	0.02	0.07	27
1138743	414026	7082419	8N	0.05	0.88	10.1	4.9	0.5	75	0.3	0.06	0.2	12.6	17	37.3	3.01	2	0.04	0.04	33
1138744	414004	7082463	8N	0.05	1.11	10	2.6	0.5	93	0.2	0.08	0.1	10.4	17	24.5	2.44	3	0.02	0.04	20
1138751	413162	7072403	8N	1.3	0.83	118.8	15.3	1	106	0.2	0.16	0.4	13.8	14	24.4	2.6	2	0.02	0.06	27
1138752	413139	7072449	8N	1.2	0.99	64.2	8.8	0.5	98	0.3	0.1	0.3	8.7	15	20.7	2.3	3	0.04	0.06	25
1138753	413122	7072494	8N	0.9	1.25	69	13.1	0.5	141	0.3	0.09	0.4	8.2	20	18.1	2.66	4	0.07	0.06	19
1138754	413101	7072541	8N	1	1.34	103.1	11.2	0.5	240	0.4	0.18	0.2	5.6	19	25.1	2.69	4	0.06	0.07	26
1138755	413082	7072586	8N	0.9	1.14	67.5	16.7	0.5	200	0.3	0.16	0.2	7.3	18	17.1	2.24	3	0.04	0.05	25
1138756	413062	7072633	8N	4.4	1.69	108.3	21.5	0.5	271	0.4	0.16	0.3	9.7	24	20.2	3.06	5	0.09	0.07	17
1138757	413043	7072678	8N	0.9	1.08	33.7	9.5	0.5	120	0.2	0.09	0.2	4.8	19	14.2	1.89	4	0.05	0.04	17
1138758	413024	7072723	8N	0.4	1.3	49.3	17.6	0.5	104	0.2	0.1	0.1	5.5	20	16.7	2.25	4	0.06	0.05	18
1138759	413001	7072770	8N	1.4	1.02	75.1	13.2	2	160	0.3	0.17	0.2	5.5	17	17.3	2.25	3	0.06	0.06	22
1138760	412984	7072816	8N	2.1	1.29	282.2	155.2	0.5	83	0.5	0.14	0.5	24.1	20	43.2	3.52	3	0.03	0.06	52
1138761	412963	7072860	8N	1.1	1.09	141.6	37.6	0.5	121	0.4	0.12	0.3	13	17	27	2.72	3	0.02	0.05	34
1138762	412943	7072911	8N	2.1	1.48	118.6	96.3	0.5	143	0.4	0.13	0.2	15.8	22	33.2	3.34	4	0.02	0.06	44
1138763	412926	7072954	8N	0.5	1.13	35.1	21	0.5	102	0.2	0.12	0.2	12.9	18	18	2.58	3	0.04	0.06	23
1138764	412905	7072999	8N	0.3	0.79	54.8	26.3	0.5	100	0.2	0.17	0.2	8.3	16	20.7	2.28	2	0.05	0.05	23
1138765	412885	7073045	8N	0.7	1.06	61	10.2	0.5	86	0.3	0.06	0.2	4.6	15	14.5	1.79	4	0.06	0.05	15
1138766	412867	7073092	8N	0.4	0.72	72.3	17.8	1	64	0.2	0.1	0.2	5.7	13	10.4	2.01	3	0.05	0.05	19
1138767	412848	7073139	8N	2.6	1.02	40	21.8	0.5	173	0.2	0.13	0.2	7.6	17	20.3	2.21	3	0.05	0.05	22
1138768	412829	7073185	8N	0.2	1	63.3	20.3	0.5	74	0.2	0.13	0.3	8.6	16	16.2	2.53	3	0.03	0.06	20
1138769	412807	7073230	8N	0.2	1.19	21	16.3	0.5	93	0.2	0.1	0.2	6.2	20	13.7	2.46	4	0.03	0.04	14
1138770	412789	7073272	8N	0.8	1.16	38.6	22.8	2	147	0.4	0.22	0.1	23.4	16	39.4	2.69	3	0.06	0.1	46
1138771	412771	7073322	8N	1.3	1.51	49.5	2.9	0.5	51	0.5	0.25	0.4	30.5	15	61.6	4.16	4	0.005	0.08	56
1138772	412748	7073367	8N	0.3	0.48	6.9	1.5	0.5	43	0.1	0.06	0.1	2.4	8	7.4	0.84	3	0.06	0.04	16
1138773	412730	7073413	8N	0.3	0.92	22.8	12.2	2	192	0.2	0.28	0.3	8.1	16	17.4	2.08	3	0.03	0.06	21
1138774	412707	7073460	8N	0.3	0.98	26.5	10.1	0.5	148	0.3	0.15	0.3	13.6	19	24.1	2.71	3	0.06	0.06	27
1138785	417518	7084163	8N	0.05	1.65	28.2	2.9	0.5	129	0.4	0.05	0.1	31.4	17	55.8	3.82	4	0.01	0.06	60
1138786	417566	7084157	8N	0.05	1.53	9.4	1.2	0.5	94	0.2	0.05	0.2	14.3	20	27.2	2.83	4	0.03	0.03	28
1138787	417609	7084130	8N	0.05	1.6	9.9	1.9	1	122	0.2	0.06	0.1	14.2	23	31.6	2.95	4	0.02	0.06	28
1138788	417645	7084095	8N	0.05	1.42	9.1	3.7	0.5	155	0.2	0.08	0.1	14.2	21	27.7	2.65	3	0.01	0.07	28
1138789	417684	7084069	8N	0.05	1.27	11.7	0.25	1	96	0.2	0.04	0.2	15.8	19	29.3	2.77	3	0.01	0.05	31
1138790	417715	7084029	8N	0.2	1.01	7.3	2.2	0.5	81	0.2	0.04	0.05	6.1	13	18.6	2.02	4	0.02	0.04	34
1138791	417747	7083992	8N	0.05	1.17	8.1	1.9	1	76	0.3	0.05	0.05	8.6	18	25.1	2.54	3	0.02	0.05	31
1138792	417779	7083952	8N	0.2	1.21	7.8	1.5	0.5	92	0.3	0.06	0.05	7.9	18	22.7	2.46	4	0.02	0.04	32
1138801	413007	7073535	8N	0.1	1.28	35.2	5.3	0.5	90	0.3	0.07	0.1	6.8	19	15.4	2.26	4	0.02	0.04	23
1138802	413026	7073487	8N	0.05	1.03	56.8	4	1	82	0.2	0.07	0.1	5.8	17	11.6	2.05	3	0.03	0.04	18
1138803	413044	7073441	8N	0.05	1.03	15.3	26.3	2	96	0.2	0.09	0.1	4.7	18	10.6	1.86	3	0.03	0.04	17
1138805	413065	7073396	8N	0.05	1.14	13.6	2.4	2	124	0.2	0.16	0.1	6.8	17	11.5	2	4	0.02	0.05	16
1138806	413085	7073350	8N	0.05	1.07	26.6	7.1	2	78	0.2	0.07	0.2	7.4	18	13.3	2.31	4	0.02	0.05	20
1138807	413104	7073304	8N	0.1	1.16	27.3	2.7	0.5	91	0.2	0.1	0.1	6.8	19	15.1	2.18	3	0.03	0.06	18

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1138735	0.34	1054	0.7	0.004	30.5	0.057	47.9	0.025	3.1	1.9	0.5	16	0.1	9	0.016	0.2	1.4	24	0.3	74
1138736	0.34	633	0.4	0.005	29.1	0.053	31.8	0.025	0.9	1.6	0.25	15	0.1	11.8	0.01	0.1	1.4	16	0.1	88
1138737	0.32	656	0.5	0.004	26.6	0.055	30.3	0.025	1.1	1.6	0.25	16	0.1	10.1	0.014	0.2	1.3	18	0.2	80
1138738	0.52	397	0.3	0.003	27.2	0.041	34.7	0.025	2.7	1.7	0.25	12	0.1	14.6	0.005	0.2	1.2	15	0.05	112
1138739	0.26	724	0.7	0.004	18.4	0.031	81.8	0.025	3.6	1.5	0.25	9	0.1	7.7	0.018	0.2	0.7	34	0.1	147
1138742	0.22	2588	0.5	0.003	17.6	0.058	1609.3	0.06	42.2	1.8	0.25	20	0.1	8.8	0.011	0.2	2.5	19	0.2	453
1138743	0.28	345	0.9	0.005	30.9	0.042	19.5	0.025	1.6	1.9	0.25	11	0.1	8.1	0.011	0.05	1.7	25	0.2	67
1138744	0.32	324	0.9	0.005	24.6	0.041	15.6	0.025	0.7	1.4	0.25	9	0.1	4.9	0.018	0.05	1.1	28	0.1	60
1138751	0.29	920	0.6	0.004	31.6	0.063	36.9	0.025	3.2	1.3	0.25	15	0.1	10.7	0.017	0.1	1.2	19	0.2	89
1138752	0.33	441	0.8	0.003	20.8	0.048	31.1	0.025	2.2	1.2	0.6	10	0.1	5.8	0.028	0.1	1	23	0.2	73
1138753	0.34	535	0.9	0.004	18.3	0.065	27.7	0.025	2.4	1.3	0.5	10	0.1	2.8	0.01	0.1	1	33	0.2	73
1138754	0.35	239	0.7	0.008	20.6	0.075	27.7	0.06	1.9	1.2	0.7	16	0.1	2.3	0.009	0.2	1.2	28	0.2	72
1138755	0.32	361	0.6	0.004	17.1	0.06	32.6	0.025	2.3	1.2	0.25	14	0.1	2.2	0.01	0.2	1.1	26	0.3	62
1138756	0.36	580	1.1	0.006	19.3	0.104	57.8	0.08	2.5	1.6	0.6	18	0.1	1.4	0.01	0.3	1.5	38	0.2	96
1138757	0.29	214	0.9	0.005	14.1	0.052	22.8	0.025	1	0.8	0.25	9	0.1	0.8	0.011	0.2	0.8	28	0.2	47
1138758	0.36	157	0.8	0.004	16	0.062	23.9	0.025	1.2	1.4	0.7	10	0.1	2.1	0.016	0.1	0.9	32	0.2	59
1138759	0.31	233	0.8	0.008	16.8	0.064	29.5	0.025	1.8	1.1	0.25	13	0.1	1.9	0.014	0.1	1	26	0.2	65
1138760	0.5	984	1	0.004	42.5	0.071	47.6	0.025	2.3	1.4	0.25	21	0.1	13.7	0.01	0.1	2.5	17	0.2	105
1138761	0.4	548	0.8	0.003	27.2	0.058	33.2	0.025	2.2	1.3	0.25	12	0.1	9.1	0.01	0.1	1.4	19	0.2	78
1138762	0.5	868	0.8	0.007	30.5	0.066	38.7	0.025	3.2	1.6	0.25	14	0.1	8.8	0.011	0.1	2	23	0.2	91
1138763	0.31	702	0.8	0.004	19.5	0.068	21.6	0.025	1.2	1.3	0.25	11	0.1	4.9	0.02	0.1	1	32	0.5	66
1138764	0.31	303	0.6	0.004	22.6	0.064	15.8	0.025	1.6	1.5	0.25	15	0.1	7.2	0.025	0.05	1.1	28	0.4	61
1138765	0.21	202	0.9	0.006	11.2	0.067	19.5	0.06	0.9	0.7	0.25	9	0.1	0.6	0.01	0.1	0.7	27	0.2	40
1138766	0.15	269	0.7	0.003	13.2	0.048	19.9	0.025	1.2	0.9	0.25	8	0.1	5.4	0.023	0.1	0.6	32	0.7	50
1138767	0.31	539	0.6	0.004	18.7	0.056	25	0.025	1.4	1.4	0.25	11	0.1	3.6	0.013	0.1	1	28	0.4	68
1138768	0.3	398	0.9	0.004	20.7	0.06	38.6	0.025	1.4	1.3	0.25	13	0.1	6.4	0.022	0.1	0.8	32	0.4	66
1138769	0.29	265	1	0.004	14	0.054	15.4	0.07	0.9	1	0.25	12	0.1	0.9	0.018	0.1	0.7	38	0.4	50
1138770	0.4	999	0.6	0.006	33.8	0.072	42.3	0.025	1.1	1.5	0.6	20	0.1	9.1	0.015	0.2	2.2	24	0.3	76
1138771	0.68	1211	0.4	0.002	59.7	0.051	46.6	0.06	3.1	1.5	0.25	12	0.1	28.9	0.001	0.3	1.2	9	0.05	136
1138772	0.1	92	0.5	0.004	6.6	0.033	11.8	0.07	0.4	0.6	0.25	6	0.1	1.9	0.009	0.05	0.5	17	0.2	29
1138773	0.31	413	0.6	0.005	20.6	0.058	22.2	0.025	0.7	1.6	0.5	19	0.1	4.9	0.015	0.05	1	24	0.3	75
1138774	0.31	660	0.8	0.004	26.3	0.065	29.2	0.025	0.8	1.4	0.6	14	0.1	6.1	0.015	0.1	1.4	26	0.4	78
1138785	0.53	443	0.8	0.006	46.2	0.046	29.1	0.025	6.3	1.8	0.25	23	0.1	22.2	0.004	0.05	4	14	0.05	91
1138786	0.47	336	0.9	0.01	27.2	0.035	16.7	0.025	0.7	1.6	0.25	10	0.1	6.5	0.013	0.05	1.3	27	0.1	65
1138787	0.46	377	1.2	0.006	26.6	0.038	18.5	0.025	0.6	2.9	0.25	9	0.1	8.5	0.021	0.05	2.3	30	0.1	68
1138788	0.47	359	0.9	0.011	31.8	0.036	16.8	0.025	0.7	3	0.25	11	0.1	9.6	0.021	0.05	1.6	31	0.2	70
1138789	0.42	390	0.9	0.006	31.9	0.028	19.3	0.025	2.3	2.2	0.7	11	0.1	12	0.012	0.05	1.5	24	0.05	70
1138790	0.2	125	1.2	0.006	15.8	0.021	13.5	0.025	0.6	1.5	0.25	9	0.1	8.8	0.01	0.05	1.1	30	0.05	44
1138791	0.37	178	1.2	0.007	23.4	0.024	16.6	0.025	0.6	1.5	0.8	11	0.1	10.3	0.011	0.05	1.2	27	0.05	57
1138792	0.38	198	1	0.005	19.1	0.038	18.9	0.025	0.9	1.4	0.25	10	0.1	6.8	0.008	0.05	1.4	25	0.1	54
1138801	0.35	294	0.7	0.004	16.5	0.042	22	0.025	0.7	1.4	0.25	7	0.1	2.3	0.011	0.1	0.8	27	0.2	55
1138802	0.27	241	0.7	0.003	13.7	0.042	15.3	0.025	0.5	1	0.25	7	0.1	0.9	0.013	0.1	0.7	29	0.2	45
1138803	0.25	151	0.7	0.003	13.1	0.041	30.4	0.025	0.5	1.1	0.25	9	0.1	1.1	0.015	0.1	0.7	30	0.2	45
1138805	0.29	336	0.6	0.004	14.8	0.047	13.1	0.07	0.4	1.2	0.8	11	0.1	1.6	0.011	0.1	0.6	29	0.2	47
1138806	0.28	506	0.8	0.004	14.3	0.041	17.5	0.025	0.6	1.2	0.25	7	0.1	1.9	0.017	0.1	0.7	30	0.2	52
1138807	0.32	332	0.9	0.003	16.6	0.036	15.7	0.025	0.5	1.4	0.25	8	0.1	3.5	0.014	0.1	0.8	30	0.2	55

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1138808	413125	7073258	8N	0.05	1.02	16.4	3.5	1	85	0.2	0.07	0.1	4.4	17	10.7	1.81	4	0.02	0.04	18
1138809	413143	7073212	8N	0.2	1.13	169.5	11.8	1	129	0.5	0.24	0.2	18	17	31.2	2.87	3	0.02	0.07	30
1138810	413162	7073166	8N	3.4	1.48	254.3	35.7	0.5	193	0.4	0.42	2.2	11.8	20	37.2	2.72	4	0.04	0.07	54
1138811	413437	7072520	8N	0.2	1.29	29.2	13.2	0.5	78	0.2	0.13	0.1	7.8	23	23.2	2.39	4	0.03	0.04	22
1138812	413417	7072566	8N	0.3	1.57	176.8	9	0.5	132	0.3	0.13	0.05	7	26	20.1	2.39	4	0.05	0.04	22
1138813	413397	7072611	8N	0.4	1.34	140.3	36.4	1	141	0.4	0.17	0.4	10	22	33.8	2.57	4	0.06	0.05	26
1138814	413378	7072658	8N	0.7	1.38	172.3	36.4	0.5	119	0.3	0.19	0.5	14.9	21	40.2	2.9	4	0.04	0.06	40
1138815	413359	7072704	8N	3.9	1.34	475.7	86.6	0.5	74	1.2	0.25	1	20.9	13	44.1	3.29	4	0.02	0.08	46
1138816	413339	7072750	8N	1.6	1.06	325.2	30	0.5	100	0.7	0.22	0.7	13.1	12	29.8	2.96	3	0.05	0.07	34
1138817	413319	7072796	8N	1.2	1.61	150.6	7.2	0.5	144	0.4	0.26	0.5	22.3	21	40.6	3.44	4	0.03	0.06	40
1138818	413299	7072843	8N	1.9	1.15	71.1	11.9	0.5	136	0.3	0.16	0.6	9.6	16	21.1	2.42	3	0.03	0.05	24
1138819	413280	7072888	8N	5.1	1.34	79.7	12.2	0.5	235	0.3	0.2	1.2	12.3	18	23.5	2.68	3	0.06	0.08	26
1138820	413260	7072935	8N	1.1	1.11	104.5	12.3	0.5	84	0.2	0.13	0.6	11.5	16	25.6	2.45	3	0.04	0.06	28
1138821	413241	7072981	8N	2.9	1.12	82.7	15	0.5	135	0.3	0.14	0.8	8.4	19	26	2.49	3	0.05	0.06	21
1138822	413221	7073027	8N	0.9	1.03	100.7	20.1	0.5	86	0.2	0.14	1	9.9	16	18.1	2.27	3	0.03	0.05	17
1138823	413201	7073072	8N	2.1	1.26	154.3	29.3	1	195	0.3	0.19	0.6	8.1	21	19.5	2.37	4	0.03	0.06	19
1138824	413182	7073119	8N	3.9	0.94	373	29.5	1	104	0.4	0.21	3.8	10.1	16	34	2.5	3	0.06	0.06	27
1138833	415069	7073538	8N	0.05	1.4	33.2	3.9	0.5	126	0.4	0.07	0.3	7.3	22	15	2.44	5	0.04	0.05	12
1138834	415087	7073491	8N	0.05	1.45	41.8	10.5	0.5	117	0.4	0.1	0.2	8.6	22	25.6	2.31	4	0.04	0.06	19
1138835	414219	7081014	8N	0.8	1.91	35.7	4.9	2	173	0.7	0.18	0.1	6.8	42	48.9	4.49	7	0.04	0.69	39
1138836	414176	7081039	8N	0.1	1.42	25.6	2.7	1	78	0.3	0.07	0.4	7.2	25	22.3	2.64	5	0.05	0.05	19
1138837	414132	7081063	8N	0.4	1.41	33.6	6.4	1	100	0.4	0.07	0.4	10.8	24	35.7	3.36	5	0.05	0.07	29
1138839	414035	7081045	8N	0.8	1.86	52.8	5	1	73	0.3	0.07	1.2	31.8	28	56.4	4.53	5	0.02	0.11	50
1138840	413985	7081040	8N	0.5	1.56	32.2	5.4	1	113	0.4	0.06	0.3	6.7	29	32.2	3.29	5	0.04	0.22	25
1138841	413935	7081037	8N	0.4	0.96	32.3	3.6	3	57	0.3	0.09	0.2	6.9	18	17.6	2.35	3	0.04	0.06	22
1138842	413841	7081022	8N	0.6	1.36	127.1	9.9	2	160	1.2	0.1	0.4	9	33	36.8	2.67	5	0.04	0.37	31
1138843	413791	7081026	8N	0.05	1.38	15.1	1.9	1	74	0.3	0.07	0.2	8.1	24	20.7	2.65	4	0.04	0.11	16
1138851	413839	7071060	8N	0.2	1.44	14.8	2	0.5	140	0.4	0.08	0.2	9.7	21	36.5	3.5	4	0.02	0.04	42
1138852	413818	7071106	8N	0.3	1.2	19.5	4.4	2	106	0.2	0.09	0.2	11.9	22	25.9	2.58	3	0.04	0.04	26
1138853	413801	7071152	8N	0.4	1.24	19.4	2.5	2	110	0.4	0.11	0.3	11.1	20	32.8	2.86	4	0.04	0.04	43
1138854	413779	7071199	8N	0.5	1.77	71	3.2	0.5	112	0.5	0.11	0.3	17.7	23	56.8	3.48	5	0.04	0.05	48
1138855	413761	7071246	8N	0.2	1.29	19.8	8.4	0.5	117	0.3	0.14	0.2	16.4	21	32.7	2.73	4	0.03	0.05	39
1138856	413739	7071294	8N	0.05	1.33	16.1	4.6	0.5	122	0.4	0.12	0.1	13.9	23	31.2	2.93	4	0.04	0.07	38
1138857	413722	7071337	8N	0.2	1.51	21.1	2.7	2	126	0.4	0.17	0.05	19.2	22	42.3	3.05	4	0.04	0.05	36
1138858	413703	7071383	8N	0.2	1.27	13.8	6	1	72	0.4	0.07	0.1	6.4	22	25.5	2.5	5	0.03	0.05	28
1138859	413681	7071429	8N	0.2	1.38	19.6	8.1	3	133	0.4	0.12	0.2	20	22	39.8	2.86	4	0.03	0.05	40
1138860	413661	7071477	8N	0.2	1.27	14.9	5	2	115	0.2	0.1	0.3	11.7	22	22.9	2.56	4	0.02	0.05	29
1138861	413642	7071522	8N	0.05	1.07	12.1	2.8	2	58	0.2	0.06	0.1	5.8	18	13.4	2.26	4	0.05	0.05	15
1138862	413624	7071567	8N	0.2	1.09	13.4	6.9	1	106	0.2	0.09	0.1	6.1	19	17.9	2.21	4	0.05	0.04	19
1138863	413561	7071706	8N	0.3	1.43	24.2	5.6	1	139	0.2	0.1	0.3	8.2	24	23.1	2.42	4	0.03	0.05	25
1138864	413544	7071753	8N	0.2	1.5	18.2	3.8	1	121	0.2	0.12	0.3	8.4	25	25.3	2.46	5	0.03	0.05	27
1138865	413526	7071800	8N	0.3	1.32	19.2	7.6	0.5	159	0.2	0.13	0.3	8.4	22	25.2	2.32	4	0.04	0.05	28
1138866	413506	7071846	8N	0.2	1.29	17.5	6.8	0.5	134	0.2	0.12	0.2	6.9	22	22.2	2.25	4	0.03	0.05	27
1138867	413485	7071886	8N	0.3	1.36	17.6	2.2	1	121	0.2	0.11	0.2	7.2	24	19.9	2.28	4	0.03	0.06	26
1138868	413466	7071933	8N	0.1	1.21	13.8	2.7	2	93	0.2	0.12	0.3	6.4	22	19.6	2.14	4	0.03	0.05	23
1138869	413446	7071981	8N	0.7	1.45	19.9	4	0.5	128	0.2	0.14	0.5	8.9	23	31.9	2.48	4	0.04	0.06	27

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1138808	0.26	161	0.7	0.004	11.5	0.032	12.1	0.025	0.5	1	0.6	7	0.1	1.1	0.012	0.1	0.6	29	0.2	40
1138809	0.36	595	0.7	0.004	35.1	0.056	26.4	0.025	0.9	1.4	0.25	18	0.1	4.8	0.008	0.1	1.8	23	0.1	66
1138810	0.43	1211	0.5	0.005	24.9	0.081	195.4	0.08	1.2	1.8	0.8	26	0.1	3.9	0.006	0.3	3.1	23	0.1	258
1138811	0.47	281	0.8	0.005	20.1	0.057	16.9	0.025	0.7	1.9	0.25	10	0.1	4.2	0.022	0.1	1	33	0.3	72
1138812	0.48	285	0.7	0.005	20	0.063	17.9	0.025	0.9	1.6	0.25	11	0.1	2.3	0.014	0.2	1.6	34	0.5	71
1138813	0.48	423	0.9	0.004	23.5	0.076	45	0.025	1.3	2.1	0.25	14	0.1	4.8	0.022	0.1	1.8	34	0.7	87
1138814	0.55	465	0.8	0.003	31.1	0.064	25.5	0.025	1.2	1.7	0.25	16	0.1	10.4	0.016	0.05	2.2	28	0.5	99
1138815	0.5	851	0.3	0.003	47.3	0.048	94.2	0.025	2	1.5	0.25	15	0.1	18.8	0.003	0.1	1.4	12	0.05	154
1138816	0.31	474	0.5	0.004	31	0.061	85.2	0.025	1.5	1.3	0.25	17	0.1	13.7	0.008	0.05	1.3	16	0.1	115
1138817	0.67	766	0.4	0.003	37.4	0.054	102.2	0.025	1.2	1.6	0.25	17	0.1	15.9	0.003	0.1	1.1	17	0.05	120
1138818	0.39	481	0.5	0.003	19.2	0.061	59.1	0.025	1.1	1.3	0.6	12	0.1	6	0.008	0.1	0.8	24	0.2	105
1138819	0.4	1387	0.7	0.005	23.6	0.083	58.5	0.05	1.7	1.6	0.7	17	0.1	4.9	0.007	0.2	1.3	23	0.2	145
1138820	0.4	547	0.4	0.003	24.8	0.069	55.1	0.025	1.3	1.4	0.25	13	0.1	8.2	0.013	0.1	1	24	0.4	108
1138821	0.39	495	0.7	0.004	19.6	0.067	151.4	0.025	1.4	1.6	0.25	12	0.1	4.6	0.015	0.1	1	30	0.3	179
1138822	0.32	596	0.8	0.004	20.2	0.072	106.9	0.025	1.2	1.4	0.25	13	0.1	4.6	0.018	0.05	0.8	28	0.4	144
1138823	0.37	487	0.8	0.005	17.5	0.066	101.8	0.025	1.1	1.6	0.8	15	0.1	2.1	0.017	0.2	1.2	36	0.5	147
1138824	0.33	880	0.5	0.004	22.5	0.063	766.8	0.025	2.3	1.4	0.25	15	0.1	6.2	0.012	0.2	1.6	26	0.6	454
1138833	0.32	414	1.1	0.005	14	0.051	13.3	0.06	0.6	0.8	0.25	11	0.1	0.7	0.022	0.2	0.9	42	0.2	57
1138834	0.46	367	0.7	0.005	18.9	0.053	14.6	0.025	0.7	2.1	0.25	13	0.1	5	0.033	0.2	1.4	35	1.2	81
1138835	0.86	262	0.7	0.007	13.9	0.049	65.4	0.31	10.1	5.6	0.8	42	0.1	16.2	0.056	1.3	1.9	49	0.05	88
1138836	0.35	269	1.2	0.01	16.5	0.064	17.2	0.025	1	1.5	1.4	11	0.1	1.2	0.027	0.2	1.3	40	0.2	67
1138837	0.46	322	1.1	0.014	24.7	0.053	18.3	0.05	1.4	1.8	0.25	15	0.1	4.1	0.027	0.2	2	40	0.2	76
1138839	0.88	1062	0.5	0.006	61.5	0.059	64.3	0.025	3.4	2.1	0.25	13	0.1	15.6	0.02	0.4	2	24	0.1	179
1138840	0.57	260	0.8	0.007	16.9	0.05	26	0.09	2.3	2.5	0.6	12	0.1	4.9	0.048	0.5	1.2	41	0.2	69
1138841	0.26	265	0.9	0.006	15.8	0.04	25.3	0.025	3.2	1.7	1.1	10	0.1	4.1	0.032	0.3	0.9	34	0.3	56
1138842	0.48	504	0.8	0.004	16.8	0.054	32.8	0.025	7.4	3.2	1	22	0.1	5.1	0.051	1.8	2.2	42	0.3	65
1138843	0.4	269	0.9	0.006	19.3	0.03	12.3	0.025	0.9	1.8	0.7	10	0.1	4	0.05	0.2	0.7	38	0.2	54
1138851	0.51	396	0.8	0.004	20.1	0.06	20.7	0.025	1.9	1.5	0.25	10	0.1	8.8	0.014	0.05	1.8	26	0.2	72
1138852	0.37	413	0.8	0.004	23.8	0.05	16.6	0.025	1.2	1.5	0.25	10	0.1	3.6	0.02	0.05	1	33	0.4	63
1138853	0.48	453	0.9	0.004	21.9	0.058	21.6	0.025	1.3	1.4	0.25	12	0.1	6.4	0.017	0.1	1.6	27	0.4	73
1138854	0.56	668	0.6	0.004	41	0.07	63.6	0.025	2.7	1.6	0.25	12	0.1	9.3	0.007	0.1	2.5	23	0.2	97
1138855	0.45	708	0.8	0.004	31.1	0.062	26.5	0.025	1.2	1.7	0.25	12	0.1	7.9	0.017	0.05	1.6	29	0.3	69
1138856	0.48	567	1	0.005	24.3	0.079	27.7	0.025	1	1.4	0.25	13	0.1	6	0.015	0.1	1.4	26	0.3	75
1138857	0.53	571	0.8	0.005	34.2	0.071	35.2	0.025	1.4	1.6	0.25	14	0.1	6.9	0.015	0.1	2	28	0.4	76
1138858	0.37	263	1.1	0.009	16.7	0.067	17.6	0.06	0.8	0.9	0.25	10	0.1	1	0.014	0.05	1.3	31	0.2	57
1138859	0.49	749	0.8	0.004	39.3	0.069	25.1	0.025	1.2	1.8	0.25	10	0.1	9.1	0.019	0.05	2.1	29	0.5	89
1138860	0.41	472	1	0.006	23.8	0.06	15	0.025	0.8	1.6	0.25	9	0.1	5.1	0.022	0.05	1.1	31	0.3	65
1138861	0.27	259	0.6	0.004	13.8	0.032	12.7	0.025	0.6	1.2	0.25	7	0.1	2.2	0.026	0.05	0.6	35	0.2	45
1138862	0.33	290	0.9	0.004	15.3	0.046	20.3	0.025	0.7	1.4	0.25	7	0.1	2.7	0.016	0.05	0.8	30	0.3	51
1138863	0.4	409	0.8	0.005	19.9	0.056	13	0.025	0.9	2	0.25	11	0.1	2	0.021	0.2	1.1	39	0.2	74
1138864	0.47	301	0.7	0.007	19.6	0.061	13.4	0.025	0.9	1.9	0.25	12	0.1	2.8	0.026	0.1	1.3	38	0.2	65
1138865	0.42	319	0.8	0.008	20.5	0.06	16.9	0.025	1.2	2	0.25	12	0.1	3	0.024	0.1	1.5	33	0.1	68
1138866	0.42	276	0.8	0.01	19.7	0.053	15.8	0.025	1	2.1	0.25	11	0.1	3.5	0.03	0.1	1.5	37	0.2	68
1138867	0.41	351	0.9	0.005	16.1	0.058	17.2	0.025	1.6	2	0.25	12	0.1	2.7	0.03	0.2	1.2	41	0.2	65
1138868	0.36	259	0.7	0.005	17	0.055	13.6	0.025	1	1.8	0.6	11	0.1	3.4	0.03	0.1	1.1	36	0.4	63
1138869	0.41	369	0.6	0.005	21.6	0.073	34.1	0.025	0.8	3.4	0.25	12	0.1	6.9	0.024	0.1	2.3	35	0.3	94

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1138870	413428	7072025	8N	0.3	1.26	16.6	1.6	2	91	0.2	0.11	0.2	6.3	23	20	2.29	4	0.03	0.06	26
1138871	413406	7072073	8N	0.2	1.3	21.7	2.4	1	181	0.2	0.12	0.3	6.7	23	21.8	2.33	4	0.05	0.05	30
1138873	413583	7071660	8N	0.6	1.2	31.3	3.6	2	205	0.2	0.13	0.9	10.6	21	26.4	2.28	4	0.03	0.06	30
1138874	413602	7071614	8N	0.05	1.11	12	3.9	1	88	0.1	0.11	0.1	4.6	19	12.5	1.82	3	0.03	0.04	15
1138875	413387	7072118	8N	0.3	1.25	16.7	3.9	0.5	92	0.3	0.08	0.3	5.6	21	19.9	2.24	4	0.04	0.05	26
1138876	413369	7072163	8N	0.3	1.41	25.7	3	1	103	0.3	0.15	0.3	14.2	27	28.7	2.92	5	0.02	0.06	27
1138877	413348	7072210	8N	0.2	1.36	27.6	5	0.5	80	0.3	0.08	0.2	8.2	24	17.5	2.31	4	0.03	0.05	24
1138878	413329	7072257	8N	0.4	1.4	36.6	18.9	2	104	0.3	0.08	0.2	12.2	25	17.5	2.42	4	0.02	0.05	26
1138879	413312	7072301	8N	2.5	1.35	139.4	48.3	0.5	102	0.9	0.09	0.5	6.8	28	17.5	2.8	4	0.05	0.06	25
1138880	413292	7072347	8N	1	1.61	68.2	10.9	1	164	0.2	0.1	0.7	11.4	24	16.7	2.58	4	0.03	0.05	23
1138881	413271	7072395	8N	3.4	1.07	204.8	27.6	0.5	98	0.3	0.08	0.5	10.9	10	25.9	2.85	3	0.04	0.06	44
1138882	413253	7072440	8N	2.8	1.07	108.6	30.4	2	129	0.3	0.15	0.3	15.3	11	31.6	3.37	3	0.02	0.07	42
1138883	413663	7071745	8N	0.1	1.3	22.3	3.1	0.5	79	0.2	0.1	0.4	11	22	20.7	2.57	4	0.05	0.05	25
1138884	413644	7071792	8N	0.8	1.21	40.2	6.9	1	96	0.2	0.12	0.6	9.7	20	19.4	2.32	4	0.04	0.06	20
1138901	413655	7070982	8N	0.1	1.62	8.6	0.9	2	95	0.2	0.09	0.2	13	20	30.9	2.56	4	0.02	0.04	30
1138902	413635	7071028	8N	0.1	1.38	11.2	0.25	1	77	0.1	0.07	0.2	8.3	21	23	2.44	4	0.03	0.04	21
1138903	413615	7071073	8N	0.05	1.6	17.3	0.25	1	73	0.5	0.05	0.05	19.4	21	42.3	3.04	4	0.04	0.05	46
1138904	413597	7071120	8N	0.05	1.16	14.4	7.5	0.5	110	0.2	0.09	0.05	9.6	18	17.2	2.31	3	0.04	0.05	17
1138905	413576	7071166	8N	0.05	1.6	12.8	0.7	1	70	0.2	0.06	0.05	11.2	20	26.7	2.61	4	0.05	0.06	33
1138906	413556	7071212	8N	0.05	1.36	12.5	1.4	0.5	69	0.2	0.07	0.1	8	18	26.1	2.53	4	0.02	0.05	33
1138907	413537	7071258	8N	0.05	1.31	11.5	1.6	0.5	107	0.1	0.1	0.2	12.7	20	20.6	2.3	4	0.04	0.05	25
1138908	413518	7071304	8N	0.05	1.43	11.6	1.9	2	80	0.1	0.13	0.05	10.6	21	23	2.68	4	0.05	0.06	30
1138909	413498	7071351	8N	0.05	1.26	12.3	0.25	0.5	106	0.1	0.11	0.05	9.3	20	21.1	2.31	4	0.04	0.05	19
1138910	413478	7071396	8N	0.05	1.24	14.3	6.9	1	96	0.2	0.07	0.2	10.9	19	24.4	2.53	4	0.04	0.04	27
1138911	413459	7071442	8N	0.2	1.44	12.8	11.6	2	175	0.1	0.15	0.05	10.5	23	29	2.54	4	0.02	0.06	31
1138912	413439	7071488	8N	0.1	1.17	10.2	1	1	99	0.1	0.17	0.05	7.1	21	21	2.18	4	0.04	0.05	21
1138913	413420	7071535	8N	0.2	1.33	11.7	2.6	2	192	0.2	0.1	0.2	9.1	20	27.1	2.24	4	0.04	0.05	28
1138914	413401	7071581	8N	0.05	1.08	10.6	8.2	1	92	0.2	0.1	0.3	5.1	17	22.9	2.01	3	0.04	0.04	26
1138915	413382	7071627	8N	0.1	1.34	11.7	6.7	2	147	0.2	0.08	0.4	6.4	19	24.9	2.26	4	0.04	0.05	27
1138916	413361	7071673	8N	0.2	1.47	10.7	1.9	3	129	0.2	0.08	0.05	5.8	19	21.8	2.28	4	0.04	0.05	27
1138917	413342	7071719	8N	0.2	1.57	10.3	0.25	3	129	0.2	0.07	0.4	6.7	22	20.3	2.37	4	0.03	0.05	26
1138918	413323	7071763	8N	0.3	1.45	11	7	0.5	126	0.2	0.08	0.1	5.9	21	21.3	2.2	4	0.03	0.05	25
1138919	413303	7071809	8N	0.2	1.55	11.8	2	2	213	0.2	0.1	0.2	7.6	22	23.6	2.33	4	0.03	0.05	28
1138920	413283	7071856	8N	0.3	1.66	11.5	1.2	0.5	107	0.2	0.12	0.2	7.1	25	16.4	2.32	4	0.04	0.06	21
1138921	413263	7071902	8N	0.4	1.48	15.8	0.9	2	107	0.2	0.06	0.4	6.5	20	19.7	2.35	5	0.03	0.05	30
1138922	413244	7071947	8N	0.3	1.43	27	6.4	0.5	90	0.2	0.07	0.2	5.7	19	18.3	2.31	4	0.03	0.05	28
1138923	413225	7071994	8N	0.4	1.03	44.8	11.9	2	75	0.2	0.12	0.4	9.2	17	17.7	2.3	3	0.03	0.05	22
1138925	413206	7072040	8N	0.9	1.39	104.4	16.8	1	108	0.4	0.08	0.2	8.7	21	20.3	2.66	4	0.04	0.06	24
1138926	413185	7072086	8N	1.1	0.96	29.9	12.2	0.5	100	0.3	0.14	0.05	8.5	14	23.9	2.52	3	0.02	0.05	38
1138927	413166	7072132	8N	0.8	1.16	21.1	26.6	1	91	0.2	0.09	0.2	5.2	16	16	2	3	0.02	0.05	26
1138928	413146	7072178	8N	1	1.2	30.4	19.5	2	146	0.3	0.17	0.3	7.7	18	20.3	2.47	3	0.005	0.06	33
1138929	413126	7072224	8N	1.2	1.31	46.9	2.1	1	85	0.3	0.09	0.2	7	17	19.8	2.33	4	0.04	0.06	30
1138930	413108	7072270	8N	2.8	1.12	50.2	26.2	2	94	0.3	0.12	0.8	9.2	17	22.4	2.53	3	0.02	0.06	27
1138931	413647	7081069	8N	0.6	1.25	51	4.3	1	78	0.3	0.08	0.4	8.9	22	22.2	2.46	3	0.05	0.08	13
1138932	413599	7081082	8N	0.2	1.31	14.7	11.3	0.5	63	0.2	0.07	0.3	6.1	23	19.9	2.51	4	0.05	0.06	15
1138934	413500	7081100	8N	0.6	1.47	59.8	6.8	0.5	86	0.5	0.06	0.4	10.2	28	36.7	3.4	5	0.03	0.2	38

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1138870	0.34	268	0.7	0.004	17.7	0.059	26.1	0.025	0.8	1.3	0.25	10	0.1	1.9	0.021	0.1	1.1	34	0.2	73
1138871	0.38	260	0.7	0.005	19.3	0.061	24	0.025	0.7	1.5	0.25	11	0.1	2.4	0.02	0.1	1.4	33	0.3	68
1138873	0.37	867	0.8	0.007	25.5	0.045	17.7	0.025	1.4	2.5	0.25	12	0.1	7.1	0.036	0.2	1.2	32	0.2	93
1138874	0.26	162	0.6	0.004	12.6	0.052	10.3	0.025	0.7	1.1	0.5	11	0.1	1.1	0.022	0.1	0.6	32	0.2	42
1138875	0.34	197	0.6	0.004	20.1	0.054	19.2	0.025	0.8	1.2	0.25	9	0.1	1.7	0.015	0.2	1	31	0.3	68
1138876	0.48	791	1.1	0.006	33.3	0.072	26.5	0.025	1	2.3	0.25	13	0.1	6.4	0.038	0.1	1.4	38	0.2	97
1138877	0.39	442	0.9	0.004	18.3	0.054	20.4	0.025	0.7	1.1	0.9	8	0.1	1.8	0.019	0.1	1	31	0.2	60
1138878	0.37	1108	0.8	0.004	19.3	0.054	23.1	0.025	1.1	1.3	0.25	9	0.1	2	0.015	0.1	1.1	32	0.2	74
1138879	0.26	385	1	0.004	20.5	0.044	100.3	0.025	3.4	0.9	0.25	9	0.1	1.7	0.01	0.2	0.8	32	0.2	105
1138880	0.37	573	0.9	0.006	25.2	0.038	51.5	0.025	2.6	2	0.25	11	0.1	7.8	0.022	0.2	1	37	0.2	110
1138881	0.28	1003	0.3	0.003	28.1	0.044	30	0.025	3.5	1.8	1.2	7	0.1	8.8	0.006	0.2	1.5	13	0.05	123
1138882	0.37	1852	0.6	0.003	32.7	0.051	45.3	0.025	3.5	2.1	0.25	11	0.1	12.1	0.006	0.3	1.6	14	0.05	110
1138883	0.36	680	0.8	0.005	22.4	0.047	22.3	0.025	0.9	1.3	1.1	10	0.1	3.3	0.023	0.1	0.9	34	0.2	72
1138884	0.33	954	1	0.006	24.8	0.04	43	0.025	1.8	1.7	1	12	0.1	5.3	0.038	0.2	1.3	38	0.2	90
1138901	0.51	724	0.5	0.003	26.5	0.044	20.3	0.025	0.9	1.2	0.25	9	0.1	7.9	0.008	0.1	0.8	24	0.2	61
1138902	0.37	324	0.7	0.003	22.1	0.028	16.8	0.025	1	1.4	0.25	7	0.3	6.3	0.023	0.2	0.7	33	0.2	51
1138903	0.55	629	0.8	0.004	34.3	0.031	40.8	0.025	0.9	1.6	1	7	0.1	9.8	0.015	0.05	1.4	26	0.05	73
1138904	0.32	268	0.7	0.004	22.3	0.024	17	0.025	1.1	1.4	0.25	8	0.1	5.6	0.021	0.1	0.6	32	0.3	47
1138905	0.46	330	0.6	0.004	25.8	0.028	15.3	0.025	0.9	1.6	0.25	7	0.1	6.6	0.014	0.1	1	26	0.1	59
1138906	0.43	207	0.7	0.004	22.6	0.038	15.5	0.025	0.6	1.2	0.25	7	0.1	3	0.015	0.05	1	29	0.2	59
1138907	0.43	379	1	0.005	22.9	0.048	13	0.025	0.8	1.7	0.25	11	0.1	5.1	0.025	0.1	1	32	0.2	54
1138908	0.48	298	0.9	0.005	24.3	0.057	13.5	0.025	0.6	1.5	0.25	11	0.1	5.6	0.026	0.05	0.8	30	0.2	63
1138909	0.38	332	0.9	0.005	19.7	0.057	11.1	0.05	0.8	2.1	0.6	11	0.3	2.8	0.028	0.05	0.9	36	0.3	58
1138910	0.36	434	0.7	0.004	24.9	0.039	14.1	0.025	1.1	1.4	0.25	8	0.1	4.7	0.025	0.1	0.9	31	0.3	57
1138911	0.47	383	0.9	0.006	26.1	0.061	13.4	0.025	0.7	2.7	0.25	16	0.1	7.1	0.039	0.1	1.5	36	0.2	65
1138912	0.41	263	1	0.005	20.1	0.07	9.5	0.025	0.7	1.7	0.25	13	0.1	3.9	0.033	0.05	1.1	35	0.3	60
1138913	0.41	312	0.4	0.005	20.9	0.048	13	0.025	0.8	2.9	0.25	9	0.1	6.8	0.032	0.05	1.4	30	0.2	63
1138914	0.31	189	0.7	0.004	18.7	0.052	8.8	0.025	0.7	1.7	0.25	9	0.1	6.5	0.036	0.05	1.2	27	0.5	58
1138915	0.36	266	0.8	0.006	20.8	0.052	10.8	0.025	0.8	2.6	0.25	10	0.1	4.1	0.035	0.1	1.2	32	0.2	67
1138916	0.37	233	0.8	0.004	19.9	0.049	12.4	0.025	0.9	2.1	1.7	8	0.1	3.1	0.031	0.05	1.3	31	0.2	66
1138917	0.37	242	0.7	0.004	20.4	0.05	11.4	0.025	0.9	2	0.25	9	0.1	2.8	0.028	0.05	1.2	34	0.2	67
1138918	0.38	239	0.8	0.004	21.6	0.046	10.8	0.025	0.9	2.2	0.25	8	0.1	3.4	0.028	0.1	1.2	31	0.1	67
1138919	0.4	277	0.8	0.004	21	0.041	11.5	0.025	1.1	2.6	0.25	10	0.1	4.9	0.033	0.05	1.1	33	0.2	68
1138920	0.44	272	0.8	0.006	17.9	0.062	13.2	0.025	0.9	1.5	0.25	10	0.1	1.4	0.024	0.1	1.1	39	0.2	65
1138921	0.43	329	0.4	0.004	20.2	0.044	16.7	0.025	1.2	1.5	0.25	7	0.1	2.9	0.019	0.2	1.1	30	0.1	70
1138922	0.42	291	0.7	0.005	18.3	0.041	17.7	0.025	1.1	1.1	0.25	8	0.1	2.3	0.014	0.2	0.9	28	0.2	63
1138923	0.34	512	0.5	0.004	20.3	0.059	30.9	0.025	1.4	1.2	0.25	11	0.1	2.9	0.019	0.1	0.8	29	0.3	72
1138925	0.36	535	0.8	0.004	19	0.053	54.6	0.025	2.8	1.5	1	10	0.1	2.9	0.015	0.2	0.9	34	0.2	83
1138926	0.29	480	0.9	0.004	23.5	0.048	23	0.025	1.2	1.4	0.6	10	0.1	6.5	0.013	0.1	1	21	0.3	75
1138927	0.32	225	0.5	0.003	15.8	0.045	18.6	0.025	0.8	0.9	0.25	9	0.1	1.9	0.011	0.2	0.8	27	0.2	57
1138928	0.4	492	0.4	0.005	23.1	0.045	28.2	0.025	1.4	1.5	0.6	14	0.1	6.1	0.011	0.2	0.9	23	0.1	85
1138929	0.37	410	0.7	0.004	19.7	0.044	26.6	0.025	1.5	1.5	0.25	9	0.1	4.6	0.01	0.2	0.8	27	0.2	66
1138930	0.36	469	0.8	0.004	22.9	0.055	171.3	0.025	3.1	1.1	0.25	11	0.1	4.3	0.012	0.2	0.9	26	0.2	173
1138931	0.37	277	0.8	0.006	21.1	0.04	32.1	0.025	2.6	1.8	0.9	10	0.1	2.9	0.03	0.2	0.7	34	0.2	90
1138932	0.38	281	0.7	0.007	16.2	0.035	12.7	0.025	1.2	1.8	0.8	11	0.1	1.9	0.036	0.2	0.6	38	0.2	53
1138934	0.59	386	0.8	0.006	24.2	0.051	38.6	0.025	5.3	2.8	0.8	17	0.1	10.8	0.038	0.4	1.4	31	0.2	84

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1138935	413453	7081115	8N	0.5	1.98	87.2	3.2	1	175	0.6	0.14	0.5	10.8	41	55.7	3.97	7	0.01	0.45	34
1138937	413354	7081117	8N	0.6	1.7	181.6	5.9	0.5	177	1.5	0.08	0.3	8.3	43	52.8	3.96	6	0.03	0.36	35
1138940	413206	7081108	8N	1	0.5	33.9	3.2	1	53	0.3	0.05	0.2	3.9	12	15.5	1.46	3	0.06	0.05	22
1138942	413108	7081087	8N	1	1.14	27.4	5.9	1	92	0.2	0.08	0.1	5.7	19	15.1	2.25	4	0.1	0.06	22
1138943	413062	7081106	8N	1	1.26	66.7	6	0.5	108	0.3	0.06	1.4	11.2	30	46.2	3.53	4	0.09	0.23	45
1138947	412874	7081169	8N	0.3	1.55	27	4.7	1	122	0.3	0.09	0.4	12.5	26	25.1	2.83	4	0.08	0.05	19
1138948	412833	7081198	8N	0.3	0.97	24.1	5.6	1	83	0.2	0.16	0.3	6.9	22	23.2	2.5	3	0.08	0.06	19
1138949	412794	7081229	8N	0.05	1.03	18.9	44.8	1	63	0.3	0.07	0.2	5.5	22	16.9	2.55	4	0.06	0.04	16
1138951	416462	7080794	8N	0.05	0.99	12.6	1.7	0.5	50	0.2	0.08	0.05	5.5	18	12.3	2.11	4	0.02	0.03	16
1138952	416459	7080844	8N	0.2	1.53	28.3	7.7	1	148	0.3	0.09	0.1	9.2	25	18.5	2.77	5	0.03	0.06	23
1138953	416466	7080895	8N	0.05	1.18	16.6	5.1	1	53	0.2	0.06	0.2	6.8	20	12.9	2.61	4	0.04	0.05	16
1138954	416450	7080942	8N	0.05	0.98	16.6	9.7	1	70	0.2	0.15	0.3	8.8	19	18.7	2.31	3	0.04	0.05	18
1138955	416441	7080993	8N	0.05	0.98	14.9	18	1	71	0.2	0.14	0.2	6.4	19	17.3	2.05	3	0.04	0.05	20
1138956	416446	7081044	8N	0.05	0.95	16.5	7.5	0.5	62	0.2	0.11	0.2	6.8	19	16.7	2.2	3	0.04	0.04	18
1138957	416442	7081092	8N	0.1	0.97	13	7.9	1	58	0.2	0.1	0.2	5	19	13	1.91	4	0.04	0.04	15
1138958	416441	7081192	8N	0.05	1.08	12.5	1.5	1	80	0.2	0.15	0.2	8.8	21	15.5	2.31	4	0.03	0.05	20
1138959	416448	7081245	8N	0.05	1	10.7	5.5	0.5	38	0.2	0.04	0.1	3.7	17	11.6	1.96	4	0.05	0.03	21
1138960	416427	7081290	8N	0.05	1.08	16.9	2.1	2	78	0.2	0.17	0.3	10.7	20	25.6	2.26	3	0.02	0.05	20
1138961	416423	7081339	8N	0.05	1.24	13.8	1.9	2	56	0.2	0.08	0.2	8.3	20	15.2	2.22	3	0.04	0.04	15
1138962	416416	7081389	8N	0.1	1.02	15.8	5.6	1	52	0.2	0.1	0.2	7.3	20	19.3	2.17	3	0.03	0.04	18
1138963	416416	7081439	8N	0.05	1.08	19	2.5	2	61	0.2	0.08	0.2	6.1	19	17	2.36	3	0.03	0.04	18
1138964	416409	7081490	8N	0.05	1.19	15.3	4.4	1	96	0.2	0.12	0.2	7.2	20	19	2.22	4	0.04	0.04	20
1138965	416392	7081537	8N	0.1	0.97	17.8	12.2	2	77	0.3	0.15	0.2	9.6	19	27.8	2.24	3	0.02	0.04	19
1138966	416389	7081589	8N	0.05	1.11	13.4	2.8	1	93	0.2	0.07	0.1	6.4	21	14.2	2.12	4	0.04	0.04	17
1138967	416387	7081639	8N	0.1	1.03	15.9	1.8	2	80	0.2	0.13	0.3	11	20	24.9	2.36	3	0.03	0.04	22
1138968	416377	7081687	8N	0.2	0.87	10.1	5.9	1	60	0.1	0.14	0.3	8.6	17	25.3	1.88	2	0.02	0.05	17
1138969	416373	7081738	8N	0.1	1.2	10.5	2	0.5	173	0.2	0.11	0.2	6.2	21	15.8	1.92	4	0.04	0.04	17
1138970	416369	7081789	8N	0.05	1.29	16.5	3.4	1	77	0.2	0.1	0.2	7	23	18.5	2.39	4	0.05	0.04	19
1138971	416367	7081840	8N	0.05	1.17	15.5	3.3	0.5	78	0.2	0.07	0.1	5.6	21	15.9	2.18	4	0.04	0.03	12
1138972	416361	7081890	8N	0.1	0.94	15.5	2.5	0.5	67	0.4	0.13	0.3	7.7	23	20.9	2	4	0.04	0.03	14
1138973	416367	7081939	8N	0.05	1.1	15.7	1.5	0.5	84	0.2	0.05	0.1	4.5	20	12.7	2.1	4	0.03	0.03	9
1138974	416611	7084966	8N	0.05	1.14	10.3	4.9	1	92	0.3	0.08	0.2	6.7	21	11.8	2.36	4	0.03	0.04	13
1138975	416653	7084940	8N	0.05	1.44	11.7	12.9	1	261	0.1	0.21	0.3	13.5	26	24.1	3.28	4	0.03	0.13	20
1138977	416729	7084876	8N	0.05	2.6	38.5	2.6	1	332	0.2	0.51	0.1	28.4	217	27.8	5.32	7	0.03	0.62	21
1138978	416768	7084842	8N	0.05	2.17	11.5	6.8	1	543	0.4	0.41	0.1	20.5	29	61.7	5.43	8	0.01	0.7	39
1138979	416810	7084813	8N	0.2	1.74	17.4	9.8	2	658	0.4	0.86	0.3	28.3	80	58.7	10.61	7	0.06	0.3	55
1138980	416837	7084771	8N	0.05	1.7	10.4	1.2	1	135	0.2	0.1	0.2	8.5	26	14.7	2.56	4	0.05	0.05	16
1138981	416871	7084732	8N	0.05	1.15	11.7	1.6	2	108	0.2	0.08	0.2	10	20	20.6	2.4	3	0.03	0.06	19
1138982	416884	7084685	8N	0.05	1.14	9.5	1.7	1	93	0.2	0.09	0.2	7.2	20	17.6	2.15	4	0.02	0.05	17
1138983	416919	7084649	8N	0.05	1.51	10.7	0.25	0.5	106	0.2	0.14	0.2	10.1	54	20	2.31	5	0.02	0.03	12
1138984	416955	7084612	8N	0.05	1.38	4.9	1.8	0.5	81	0.7	0.02	0.2	8.9	20	42.3	3.8	4	0.02	0.06	55
1138985	416986	7084572	8N	0.05	1.29	9.4	2.1	0.5	110	0.2	0.06	0.2	7	20	21.4	2.23	3	0.03	0.04	22
1138987	417010	7084525	8N	0.05	1.13	7.4	2.2	0.5	70	0.3	0.09	0.1	11.3	20	26.8	2.61	3	0.02	0.05	26
1138988	417035	7084481	8N	0.05	1.07	5.9	1	0.5	89	0.5	0.04	0.1	19.4	9	47.4	4.09	2	0.005	0.05	57
1138989	417075	7084452	8N	0.05	1.19	8.6	1.5	0.5	77	0.2	0.06	0.2	13.6	18	20.5	2.22	3	0.03	0.04	15
1138990	417125	7084447	8N	0.05	1.23	11.3	2.6	1	106	0.2	0.12	0.05	21.8	20	33	2.28	3	0.02	0.03	21

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1138935	0.92	527	0.6	0.008	31	0.058	35.2	0.11	3.6	5.6	0.25	33	0.1	11.2	0.072	0.7	1.5	49	0.1	93
1138937	0.75	267	0.8	0.004	21.1	0.055	29.8	0.05	3.4	5.6	0.8	18	0.1	11.2	0.06	1.1	1.4	53	0.3	80
1138940	0.12	103	0.9	0.004	10.4	0.044	20.2	0.025	1.5	0.6	0.25	7	0.1	0.8	0.01	0.2	0.8	23	0.2	44
1138942	0.28	183	0.8	0.006	14.3	0.032	64.2	0.025	4.1	1.6	0.25	10	0.1	2.6	0.024	0.2	0.7	35	0.3	48
1138943	0.58	366	0.8	0.003	31.4	0.062	35.6	0.025	10.6	3.4	0.8	15	0.1	11.1	0.035	0.8	1.7	33	0.3	107
1138947	0.38	345	1.1	0.006	21.9	0.042	15.4	0.025	1.6	3.1	1.2	10	0.1	6	0.038	0.2	1.1	44	0.3	61
1138948	0.33	253	0.9	0.006	20.9	0.068	13.1	0.025	2.3	2	1.3	13	0.1	4	0.036	0.3	0.9	38	0.4	64
1138949	0.25	218	1.1	0.005	14.6	0.035	12.7	0.025	1.4	1.5	0.25	8	0.1	1.7	0.031	0.2	0.7	44	0.4	48
1138951	0.25	235	0.7	0.003	12.8	0.046	12.9	0.025	0.5	0.6	0.25	7	0.1	0.6	0.01	0.05	0.6	32	0.1	38
1138952	0.38	425	1.1	0.005	18.5	0.052	21.9	0.025	1.8	1.5	0.25	12	0.1	1.4	0.019	0.1	1.2	41	0.2	62
1138953	0.25	398	1	0.004	12.3	0.045	15	0.025	0.8	1.1	0.25	7	0.1	1.1	0.031	0.05	0.7	43	0.2	48
1138954	0.33	361	0.9	0.005	21.6	0.06	14.9	0.025	1	1.4	0.25	12	0.1	3.2	0.03	0.05	0.8	32	0.2	63
1138955	0.32	237	0.8	0.005	18.9	0.06	12.8	0.025	1.2	1.4	0.25	12	0.1	2.6	0.03	0.05	0.9	30	0.2	55
1138956	0.3	221	0.8	0.004	19	0.051	12.6	0.025	3.1	1.4	0.25	11	0.1	3.7	0.025	0.05	0.9	30	0.2	56
1138957	0.26	213	0.9	0.005	14.1	0.046	14.4	0.025	1.2	1	0.25	9	0.1	1.2	0.023	0.05	0.7	34	0.3	46
1138958	0.32	453	0.9	0.005	19.8	0.072	15.7	0.025	0.9	1.3	0.25	12	0.1	2.2	0.027	0.05	0.9	35	0.3	67
1138959	0.19	162	0.9	0.003	9.4	0.047	13.5	0.025	0.7	0.6	0.25	7	0.1	0.7	0.011	0.05	0.8	29	0.2	33
1138960	0.36	390	0.9	0.006	30.2	0.065	13.6	0.025	0.9	1.6	0.25	14	0.1	5.4	0.034	0.05	1	31	0.3	75
1138961	0.31	370	0.9	0.004	16.5	0.054	15.1	0.025	0.7	1.4	0.25	8	0.1	1.8	0.022	0.05	1	33	0.2	64
1138962	0.3	248	1	0.004	17.9	0.063	16.7	0.025	1	1	0.25	10	0.1	1.2	0.019	0.05	1.1	33	0.2	55
1138963	0.28	182	1	0.004	16.3	0.044	14.1	0.025	1.3	1	0.25	9	0.1	1.3	0.019	0.05	1	32	0.1	54
1138964	0.35	242	1	0.005	20.2	0.057	13.3	0.025	0.7	1.5	0.25	12	0.1	2.9	0.025	0.05	1.1	33	0.2	62
1138965	0.37	318	0.9	0.004	24.7	0.063	16.1	0.025	0.9	1.5	0.25	12	0.1	5	0.028	0.05	0.9	30	0.2	65
1138966	0.28	219	0.9	0.004	13.3	0.04	15	0.025	0.6	0.9	0.25	8	0.1	0.9	0.018	0.05	1	36	0.2	45
1138967	0.36	420	1	0.005	25.6	0.061	15	0.025	1	1.4	0.25	11	0.1	4.2	0.024	0.05	1.2	32	0.2	68
1138968	0.33	321	0.7	0.004	24.1	0.063	12.8	0.025	0.8	1.6	0.25	11	0.1	5.8	0.029	0.05	1	27	0.2	63
1138969	0.33	251	0.8	0.004	15.7	0.046	13.3	0.025	0.5	1	0.25	10	0.1	0.7	0.019	0.1	0.9	34	0.2	48
1138970	0.36	240	0.9	0.004	17.9	0.048	16	0.025	0.6	1.5	0.25	9	0.1	2.5	0.025	0.05	1	36	0.2	55
1138971	0.31	194	1	0.004	14.4	0.041	12.2	0.025	0.6	0.9	0.25	8	0.1	0.7	0.016	0.05	0.8	37	0.2	46
1138972	0.3	293	1.1	0.003	20.1	0.06	12.9	0.025	0.8	1.2	0.6	11	0.1	2.1	0.025	0.05	1.1	40	0.2	68
1138973	0.26	169	0.9	0.003	11.2	0.04	12.5	0.025	0.5	0.6	0.6	6	0.1	0.4	0.011	0.05	0.7	35	0.2	38
1138974	0.28	215	0.7	0.005	14.3	0.03	10.6	0.025	0.7	2	0.25	9	0.1	3.6	0.035	0.1	0.6	45	0.3	41
1138975	0.51	537	1	0.007	35.8	0.062	12.1	0.025	1	4.6	0.25	28	0.1	5.5	0.07	0.2	0.8	59	0.3	77
1138977	1.83	935	1.8	0.008	112.8	0.105	16.4	0.025	0.6	6.7	0.25	76	0.1	5	0.201	0.7	0.8	86	0.1	99
1138978	1.24	1804	3.5	0.009	37.3	0.1	27.1	0.025	1	9.6	0.25	75	0.1	9.5	0.266	0.7	0.9	150	0.1	123
1138979	1.18	9934	22.7	0.009	58.9	0.077	65.4	0.025	9.1	25.4	0.7	149	0.1	10.2	0.115	0.4	1.2	156	0.3	157
1138980	0.35	326	1.1	0.006	18.2	0.03	26.5	0.025	1.4	2.8	0.6	12	0.1	5.2	0.037	0.05	0.8	45	0.2	55
1138981	0.32	323	0.7	0.005	22.2	0.037	23.6	0.025	1.3	2.3	0.25	10	0.1	5.6	0.028	0.1	0.9	31	0.1	58
1138982	0.29	237	1	0.005	16.7	0.046	15.2	0.025	1.1	2.1	0.25	10	0.1	3	0.029	0.1	0.8	38	0.2	55
1138983	0.58	248	0.8	0.005	31.2	0.021	12.8	0.025	0.5	2.5	0.25	14	0.1	2.7	0.026	0.1	0.5	44	0.1	51
1138984	0.41	223	3.8	0.007	22.2	0.046	56.5	0.025	0.9	2	1.2	17	0.1	14.7	0.012	0.05	1.7	21	0.2	69
1138985	0.33	183	0.9	0.005	16.1	0.032	13.2	0.025	0.6	2.4	0.25	8	0.1	4.5	0.022	0.05	1.3	31	0.2	47
1138987	0.38	279	1	0.005	23.6	0.051	17.3	0.025	0.8	1.9	0.25	15	0.1	7.3	0.026	0.05	1.3	29	0.2	64
1138988	0.2	165	0.7	0.004	34.6	0.047	35	0.025	1	1.8	0.9	8	0.1	21.5	0.003	0.05	3.4	10	0.05	109
1138989	0.36	284	1	0.004	22.8	0.032	12.4	0.025	0.6	1.6	0.25	11	0.1	4.7	0.023	0.05	0.9	29	0.1	55
1138990	0.4	396	0.7	0.004	29	0.051	12.4	0.025	0.5	2.3	0.25	10	0.1	3.4	0.022	0.05	1	31	0.05	54

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1138991	417169	7084424	8N	0.05	1.38	11.7	1.8	0.5	69	0.2	0.05	0.2	8.6	20	15.8	2.38	3	0.03	0.03	11
1138992	417216	7084407	8N	0.05	1.38	9.1	1.9	0.5	85	0.2	0.06	0.2	6.4	20	16.3	2.57	4	0.02	0.04	13
1138993	417239	7084363	8N	0.05	1.04	4.1	1.2	0.5	70	0.4	0.02	0.05	11.7	12	38.3	3.24	3	0.01	0.04	52
1138994	417279	7084333	8N	0.05	1.27	12	1.8	0.5	71	0.3	0.05	0.2	23.6	18	36.4	3.15	3	0.02	0.04	21
1138995	417326	7084319	8N	0.05	1.22	10.1	2.7	1	88	0.2	0.06	0.2	8.1	20	20.2	2.17	3	0.03	0.04	16
1138996	417351	7084274	8N	0.2	1.07	28.9	0.8	0.5	57	1	0.02	0.3	15.6	13	64.2	4.2	3	0.005	0.04	38
1138998	417394	7084249	8N	0.05	1.76	6.4	2.3	1	56	0.5	0.03	0.1	20.2	22	41.9	3.78	4	0.005	0.07	35
1138999	417430	7084213	8N	0.05	1.71	5.6	1.9	0.5	56	0.3	0.02	0.05	13.7	20	43.7	4.38	4	0.005	0.05	46
1139000	417473	7084185	8N	0.05	1.4	8.9	3.4	0.5	86	0.2	0.06	0.1	8.3	21	16.8	2.38	4	0.02	0.04	18
1141001	414385	7080960	8N	0.3	1.3	19.9	1.7	0.5	60	0.4	0.06	0.2	5.8	26	23.3	2.88	5	0.04	0.06	20
1141002	414435	7080951	8N	0.05	1.93	15	2.1	2	140	0.3	0.11	0.2	8.5	30	23.1	3.2	6	0.04	0.05	18
1141003	414483	7080938	8N	0.05	1.43	16.4	9.1	0.5	62	0.3	0.07	0.1	7	25	20.9	2.88	5	0.04	0.05	17
1141004	414531	7080925	8N	0.1	1.42	17.2	2.7	1	85	0.3	0.08	0.2	8.1	24	26.5	3	4	0.02	0.05	26
1141005	414580	7080912	8N	0.1	1.63	20.9	7.7	1	94	0.3	0.07	0.2	6.9	24	20.1	2.88	5	0.01	0.05	22
1141006	414630	7080911	8N	0.2	1.48	25.9	4.5	0.5	97	0.3	0.07	0.3	7.1	24	19.1	2.71	5	0.03	0.05	22
1141007	414679	7080899	8N	0.1	1.71	21.5	6.2	2	125	0.3	0.09	0.3	8	27	20.8	2.72	5	0.04	0.05	18
1141008	414728	7080892	8N	0.2	1.52	23	8.3	1	104	0.2	0.08	0.2	7.5	24	19.5	2.61	5	0.01	0.04	17
1141009	414778	7080891	8N	0.1	1.6	17.6	2.9	1	102	0.2	0.08	0.2	7	25	18.2	2.65	5	0.02	0.04	17
1141010	414826	7080876	8N	0.1	1.28	19.3	7.1	0.5	94	0.3	0.06	0.1	7.3	22	18.3	2.47	4	0.02	0.04	19
1141011	414875	7080872	8N	0.3	1.37	23.5	19.8	2	79	0.3	0.06	0.2	7.8	24	20.9	2.72	4	0.02	0.06	22
1141012	414926	7080870	8N	0.2	1.46	21.4	17.4	1	82	0.3	0.07	0.2	6.7	24	19.6	2.65	5	0.03	0.05	19
1141013	414976	7080876	8N	0.2	1.63	19.2	3.3	1	141	0.3	0.11	0.3	9.1	26	24.6	2.55	5	0.04	0.05	21
1141014	415026	7080881	8N	0.05	1.13	16.4	1.8	0.5	61	0.2	0.06	0.3	5.9	22	14.7	2.25	4	0.03	0.03	17
1141015	415076	7080892	8N	0.05	1.06	29	4.1	0.5	58	0.2	0.09	0.3	6	19	20.1	2.11	3	0.04	0.03	20
1141016	415127	7080896	8N	0.05	1.25	12.7	1.8	0.5	72	0.2	0.1	0.1	5.6	20	16.8	1.97	4	0.04	0.03	18
1141017	415177	7080895	8N	0.05	1.39	13.2	3.8	1	101	0.2	0.1	0.1	5.6	23	22.1	2.12	4	0.03	0.04	20
1141018	415227	7080897	8N	0.05	1.22	10.2	3.8	0.5	104	0.2	0.12	0.2	7.4	20	24.6	1.97	3	0.03	0.05	20
1141019	415277	7080904	8N	0.05	1.43	13.2	2.2	0.5	84	0.2	0.09	0.2	6.5	23	16.9	2.27	4	0.03	0.04	17
1141020	415327	7080905	8N	0.05	1.38	16.3	2.6	0.5	104	0.2	0.08	0.2	8.3	22	23.7	2.41	4	0.05	0.04	22
1141021	415376	7080901	8N	0.05	1.22	16.9	3.4	0.5	95	0.2	0.07	0.2	7.4	21	16.8	2.32	4	0.04	0.04	16
1141022	415426	7080893	8N	0.05	1.46	15.5	1.8	1	106	0.2	0.08	0.2	9.2	23	17.5	2.49	4	0.04	0.04	17
1141024	415476	7080895	8N	0.1	1.34	14.6	6.6	0.5	106	0.2	0.05	0.2	6.8	22	20.1	2.32	4	0.05	0.03	18
1141025	415519	7080870	8N	0.1	1.15	16.4	2.8	0.5	80	0.2	0.08	0.3	8.7	22	19.7	2.25	4	0.03	0.04	19
1141026	415567	7080857	8N	0.1	1.31	18.8	2.4	1	80	0.2	0.07	0.2	6.6	23	16.8	2.34	4	0.05	0.04	17
1141027	415616	7080852	8N	0.1	1.32	14.6	2.5	0.5	84	0.2	0.08	0.2	6.7	23	22.3	2.32	4	0.04	0.04	19
1141028	415666	7080842	8N	0.1	1.16	15.3	2.3	1	125	0.2	0.12	0.3	11.4	21	32.6	2.29	3	0.04	0.04	20
1141029	415714	7080826	8N	0.1	1.35	23.1	2.3	1	107	0.2	0.08	0.2	11.2	23	28.5	2.51	4	0.02	0.04	28
1141030	415748	7080789	8N	0.05	1.18	10.2	2.9	0.5	74	0.2	0.07	0.05	5.2	18	15.5	2.06	3	0.05	0.02	13
1141031	415772	7080746	8N	0.05	1.1	10.8	5.2	1	99	0.2	0.11	0.2	10.4	18	25.1	2.2	3	0.04	0.04	21
1141032	415782	7080697	8N	0.05	1.32	12.8	3.5	1	121	0.2	0.08	0.3	11.1	22	24.1	2.39	3	0.03	0.04	19
1141033	415800	7080650	8N	0.05	1.32	15.3	1.6	0.5	80	0.2	0.07	0.1	6	20	13.8	2.11	4	0.03	0.03	15
1141034	415816	7080603	8N	0.05	1.39	18.5	2.5	0.5	104	0.2	0.06	0.1	9.6	19	23.3	2.24	3	0.03	0.03	17
1141101	412438	7076505	8N	0.05	1.27	9.5	1.3	0.5	65	0.2	0.07	0.05	6.5	19	24.9	2.41	4	0.02	0.03	22
1141102	412426	7076554	8N	0.05	1.28	11.5	3.9	2	73	0.3	0.06	0.1	9.7	18	31.7	2.88	3	0.05	0.03	20
1141103	412416	7076604	8N	0.05	1.21	8.2	1.2	0.5	58	0.2	0.07	0.05	7.1	19	29.9	2.41	3	0.03	0.02	22
1141104	412415	7076655	8N	0.05	0.77	9.4	1.6	2	113	0.3	0.03	0.05	16.8	12	44.1	3.74	2	0.02	0.03	35

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1138991	0.35	235	0.8	0.004	19	0.034	11.6	0.025	0.6	1.6	0.25	6	0.1	3.7	0.02	0.05	0.6	30	0.1	53
1138992	0.35	221	1	0.012	13.4	0.042	12.4	0.025	0.5	1.3	0.25	8	0.1	2.8	0.018	0.05	0.9	35	0.1	60
1138993	0.26	254	0.8	0.004	24.8	0.03	25.8	0.025	1.3	1.3	0.25	11	0.1	14.4	0.005	0.05	2.2	12	0.05	74
1138994	0.37	259	0.9	0.004	35.3	0.038	21.6	0.025	1.4	1.6	0.25	13	0.1	9.7	0.015	0.05	1.8	25	0.05	64
1138995	0.33	181	0.8	0.005	17.4	0.02	9.9	0.025	0.7	1.8	0.25	8	0.1	5.6	0.027	0.05	0.8	33	0.1	50
1138996	0.35	216	2.3	0.004	48.2	0.057	88.3	0.025	2.4	1	0.25	14	0.1	24.9	0.004	0.05	3.5	10	0.05	80
1138998	0.64	376	1.8	0.012	34.7	0.036	32.2	0.025	0.7	1.9	0.25	11	0.1	17	0.008	0.05	2.4	21	0.05	82
1138999	0.48	315	1.7	0.008	27.5	0.043	37	0.025	0.3	1.7	0.5	16	0.1	16.1	0.005	0.05	1.8	16	0.05	84
1139000	0.33	249	0.8	0.005	15.9	0.033	12.6	0.025	0.6	2	0.6	7	0.1	4.3	0.022	0.05	0.9	32	0.2	51
1141001	0.35	232	2.1	0.009	15.9	0.08	24.5	0.05	1.1	1	0.7	11	0.1	0.9	0.017	0.4	1.4	36	0.05	59
1141002	0.53	332	1.3	0.008	19.7	0.057	16.1	0.025	0.9	2.1	0.6	14	0.1	2.1	0.028	0.2	1.3	51	0.2	71
1141003	0.41	348	1.4	0.008	14	0.066	13.4	0.025	0.8	1.3	0.25	11	0.1	1.2	0.018	0.1	1	41	0.1	56
1141004	0.5	336	1.2	0.008	16.4	0.053	15.5	0.025	0.8	1.9	0.25	14	0.1	4.3	0.027	0.1	1.7	35	0.2	65
1141005	0.55	354	0.9	0.008	16.9	0.049	13.8	0.025	0.8	1.8	0.25	12	0.1	2	0.026	0.1	1.4	40	0.2	65
1141006	0.42	296	1.1	0.006	15.5	0.052	15.7	0.025	0.8	1.7	0.6	11	0.1	1.6	0.024	0.1	1.3	39	0.1	61
1141007	0.48	313	1	0.007	19	0.057	14	0.025	0.8	2.2	0.5	11	0.1	1.8	0.029	0.1	1.4	45	0.2	70
1141008	0.41	384	1	0.006	15.6	0.052	13.4	0.025	0.7	1.5	0.25	11	0.1	1.1	0.023	0.1	1.4	39	0.2	64
1141009	0.43	277	1	0.006	16.6	0.047	12.7	0.025	0.8	1.9	0.25	11	0.1	1.7	0.029	0.2	1.2	43	0.2	63
1141010	0.37	312	0.8	0.006	15.3	0.042	13.6	0.025	0.8	1.6	0.25	10	0.1	2.5	0.025	0.1	1.2	35	0.2	59
1141011	0.42	328	0.9	0.006	18	0.053	18.7	0.025	1.4	1.4	0.25	11	0.1	1.4	0.023	0.2	1.3	36	0.2	64
1141012	0.43	292	0.9	0.005	16.1	0.05	16	0.025	1.2	1.5	0.25	10	0.1	1.3	0.021	0.2	1.1	37	0.2	65
1141013	0.47	319	0.9	0.006	19.5	0.062	13.8	0.025	0.9	2.3	0.25	13	0.1	2.3	0.032	0.1	1.6	44	0.2	68
1141014	0.33	219	0.8	0.004	13.4	0.041	11.3	0.025	0.8	1.1	0.25	8	0.1	1	0.024	0.1	0.9	40	0.2	55
1141015	0.31	196	0.8	0.004	14.7	0.046	10.7	0.025	0.8	1.2	0.25	9	0.1	2.5	0.025	0.1	1	34	0.3	53
1141016	0.34	150	0.7	0.004	13.4	0.051	9.1	0.025	0.7	1.4	0.25	10	0.1	2.1	0.028	0.1	1	36	0.3	46
1141017	0.41	136	0.7	0.005	17.1	0.042	9.7	0.025	0.7	1.9	0.25	11	0.1	2.4	0.035	0.1	1.1	40	0.1	56
1141018	0.36	179	0.7	0.005	19.8	0.053	9.9	0.025	1	2.2	0.25	11	0.1	3.6	0.037	0.05	1.1	35	0.2	59
1141019	0.36	213	1	0.004	16.7	0.054	11.9	0.025	1.4	1.2	0.25	9	0.1	0.7	0.025	0.1	1	41	0.2	55
1141020	0.37	257	0.9	0.004	20.5	0.051	14.7	0.025	1.5	1.8	0.25	9	0.1	2.2	0.028	0.1	1.4	37	0.2	59
1141021	0.31	271	1	0.004	16.7	0.048	13.1	0.025	1.2	1.2	0.25	8	0.1	1.3	0.02	0.1	1.1	37	0.2	56
1141022	0.36	312	1	0.005	17	0.046	13.5	0.025	1.6	1.4	0.25	9	0.1	1	0.023	0.1	1.1	43	0.2	59
1141024	0.31	216	1	0.004	15.8	0.044	13.5	0.025	1	1.4	0.25	7	0.1	1.2	0.016	0.1	1.2	41	0.2	55
1141025	0.33	324	1	0.004	20.2	0.051	16.4	0.025	1.5	1.5	0.25	9	0.1	2	0.023	0.05	1.1	36	0.2	66
1141026	0.34	222	1	0.004	16.2	0.044	14.2	0.025	1.3	1.2	0.25	9	0.1	0.8	0.024	0.1	1	45	0.2	57
1141027	0.36	193	1.1	0.005	17.8	0.062	15.2	0.025	0.9	1.2	0.5	9	0.1	0.7	0.022	0.1	1.1	42	0.2	56
1141028	0.39	364	1	0.005	27.5	0.057	14.1	0.025	1.2	1.8	0.25	12	0.1	4.4	0.03	0.05	1.1	34	0.2	62
1141029	0.39	394	0.9	0.004	22.8	0.045	20.8	0.025	1.4	1.7	0.25	8	0.1	2.1	0.023	0.1	1.5	40	0.2	63
1141030	0.27	179	0.7	0.003	12.9	0.039	11.1	0.025	0.7	1.1	0.25	7	0.1	1.5	0.018	0.05	0.6	35	0.2	39
1141031	0.32	301	0.9	0.004	22.4	0.051	15.3	0.025	1.2	1.4	0.25	11	0.1	2.8	0.023	0.05	0.9	37	0.3	60
1141032	0.39	368	1	0.005	24.7	0.044	14.6	0.025	0.9	1.8	0.25	10	0.1	4.1	0.025	0.05	0.9	36	0.3	65
1141033	0.31	190	0.8	0.004	14.5	0.036	11.6	0.025	0.8	1.2	0.25	7	0.1	0.8	0.024	0.1	0.7	41	0.2	45
1141034	0.37	278	0.8	0.005	20.2	0.038	14.7	0.025	1.8	1.5	0.25	9	0.1	2.6	0.019	0.05	0.8	34	0.2	52
1141101	0.37	192	0.8	0.004	16.8	0.045	13.5	0.05	0.7	1.2	0.25	8	0.1	2.7	0.014	0.05	1	30	0.2	49
1141102	0.36	293	0.9	0.003	23.4	0.055	19.4	0.025	0.9	1.3	0.6	7	0.1	4.4	0.01	0.05	1.4	29	0.2	65
1141103	0.36	179	0.8	0.004	20.2	0.047	15.6	0.025	0.9	1.1	0.25	8	0.1	3.9	0.01	0.05	1.1	27	0.1	52
1141104	0.2	661	0.6	0.004	37.5	0.044	19.1	0.025	5.7	1.7	0.25	5	0.1	8.7	0.005	0.1	2.3	16	0.05	94

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1141105	412416	7076706	8N	0.05	1.43	10.3	1.6	1	87	0.2	0.13	0.2	9.8	23	28.1	2.56	4	0.02	0.04	21
1141106	412414	7076756	8N	0.05	1.27	11.4	3.1	1	85	0.3	0.07	0.05	7.5	21	21.3	2.52	4	0.04	0.03	12
1141107	412404	7076806	8N	0.05	1.32	11.9	4.3	3	102	0.3	0.09	0.3	8.6	22	25.5	2.41	4	0.04	0.04	12
1141108	412397	7076856	8N	0.05	1.08	10.2	0.25	1	48	0.3	0.06	0.1	5.9	18	25.3	2.47	4	0.04	0.02	14
1141109	412401	7076907	8N	0.05	1.23	8.9	1.8	0.5	97	0.2	0.12	0.1	9.8	20	30.1	2.66	4	0.03	0.03	26
1141110	412408	7076957	8N	0.1	0.69	31.4	4.4	2	80	0.4	0.06	0.1	15.4	11	44	3.56	2	0.02	0.03	30
1141111	412426	7077005	8N	0.05	0.93	8.8	1.8	1	59	0.2	0.07	0.2	7	16	22	2.19	3	0.04	0.03	15
1141112	412447	7077052	8N	0.05	1.06	22.5	2.3	2	60	0.2	0.07	0.1	8	18	22.2	2.32	3	0.04	0.03	17
1141113	412473	7077097	8N	0.05	1.18	10.1	2.8	1	69	0.2	0.07	0.1	7.7	19	22.4	2.35	3	0.05	0.03	12
1141114	412509	7077133	8N	0.05	1.12	11.2	6.9	2	59	0.2	0.08	0.2	8	21	22.3	2.6	3	0.05	0.03	11
1141115	412542	7077171	8N	0.05	1.41	9.4	4.2	1	79	0.2	0.07	0.05	10.3	20	28.6	2.86	4	0.05	0.04	15
1141116	412576	7077209	8N	0.05	1.1	9.5	3.3	0.5	51	0.2	0.06	0.1	5.1	17	19	2.08	3	0.05	0.03	11
1141117	412611	7077244	8N	0.05	1.41	7.9	2.1	2	87	0.3	0.05	0.05	14	21	31.6	3.08	3	0.04	0.03	17
1141118	412639	7077286	8N	0.05	1.3	10.6	4.8	0.5	74	0.2	0.06	0.1	8.1	21	24.1	2.61	4	0.04	0.03	13
1141119	412672	7077326	8N	0.05	0.79	8.6	5	1	47	0.2	0.05	0.05	4.7	15	14.4	1.83	3	0.05	0.02	12
1141120	412698	7077369	8N	0.05	1.14	11.3	2.5	0.5	57	0.2	0.07	0.2	9.2	19	26.3	2.97	3	0.05	0.03	17
1141121	412721	7077415	8N	0.05	1.24	11	2.4	0.5	56	0.3	0.04	0.2	19.9	19	33.3	3.28	4	0.03	0.03	22
1141122	412735	7077463	8N	0.05	1.14	10.5	8	0.5	68	0.3	0.1	0.2	16.8	18	40	3.38	4	0.02	0.03	27
1141123	412743	7077513	8N	0.1	0.8	27	4	0.5	57	0.3	0.04	0.05	23.5	9	53.3	4.6	2	0.02	0.04	40
1141124	412754	7077563	8N	0.1	1.27	8.3	2.7	0.5	92	0.3	0.04	0.05	8.6	19	36.4	2.91	4	0.02	0.03	26
1141125	412766	7077612	8N	0.05	1.04	7.1	1.5	1	98	0.3	0.05	0.1	5.1	14	23.9	2.43	3	0.04	0.03	17
1141126	412765	7077662	8N	0.05	1.51	8.1	2.8	2	102	0.5	0.02	0.05	6.8	22	58.4	4.25	5	0.02	0.06	31
1141127	412768	7077713	8N	0.05	1.19	13.8	4.2	1	37	0.3	0.01	0.05	24.8	21	53.5	5.28	4	0.01	0.03	35
1141128	412766	7077764	8N	0.05	1.28	7.7	1.5	0.5	58	0.4	0.03	0.1	10.6	20	49.1	4.31	4	0.04	0.03	21
1141129	412769	7077814	8N	0.05	0.31	6.3	2.9	1	30	0.4	0.07	0.05	22.6	5	47.2	4.23	0.5	0.02	0.03	27
1141130	412778	7077864	8N	0.05	0.66	14.3	1.1	0.5	48	0.2	0.04	0.05	13.6	10	33.4	2.85	2	0.02	0.03	35
1141131	412772	7077914	8N	0.05	0.93	11.8	5.6	1	78	0.3	0.04	0.05	13.5	13	38.6	2.9	3	0.02	0.04	40
1141132	412768	7077965	8N	0.05	0.93	20.3	5.6	0.5	57	0.3	0.03	0.05	13.8	15	45.1	3.69	3	0.01	0.03	31
1143001	415948	7082670	8N	0.05	1.69	44	2.2	0.5	96	0.4	0.06	0.3	13.4	32	42.5	3.38	5	0.02	0.07	24
1143002	415987	7082702	8N	0.05	1.02	17.7	1.6	0.5	59	0.2	0.05	0.2	4.3	20	9.6	1.92	4	0.03	0.03	14
1143003	416017	7082743	8N	0.6	0.67	49.9	10.9	0.5	76	0.3	0.13	0.7	10.6	14	26.5	2.39	2	0.005	0.05	25
1143004	416067	7082753	8N	0.1	0.76	18.7	2.5	0.5	76	0.3	0.03	0.2	6.9	11	19.5	2.15	3	0.02	0.05	44
1143005	416113	7082772	8N	0.2	1.76	12.9	1.1	0.5	112	0.3	0.06	0.2	9.3	27	13.5	2.59	5	0.02	0.05	17
1143006	416145	7082810	8N	0.1	1.07	21.1	7.3	0.5	88	0.2	0.05	0.2	10.2	16	22.1	2.44	3	0.02	0.04	30
1143007	416180	7082844	8N	0.05	1.18	8.4	2	0.5	60	0.2	0.05	0.1	4.1	21	11.4	1.92	4	0.04	0.03	19
1143008	416208	7082885	8N	0.05	1.04	9.4	1.2	0.5	79	0.2	0.09	0.3	9.8	17	16.4	2.08	3	0.02	0.04	21
1143009	416245	7082920	8N	0.05	1.19	10.2	12.2	0.5	55	0.3	0.05	0.1	7	19	15.9	2.58	4	0.02	0.04	20
1143010	416272	7082962	8N	0.05	1.05	9.2	0.7	0.5	68	0.2	0.06	0.1	5.7	16	14.4	1.99	3	0.03	0.03	15
1143011	416302	7083002	8N	0.05	1.07	8.4	5.3	0.5	85	0.3	0.07	0.2	11.5	17	21.3	2.31	3	0.02	0.03	23
1143013	416333	7083041	8N	0.05	1.2	9.3	1.4	0.5	92	0.2	0.07	0.2	15.1	20	22.7	2.41	3	0.02	0.04	20
1143014	416367	7083077	8N	0.05	1.11	9.4	2.4	0.5	72	0.2	0.1	0.2	12.4	18	20.9	2.11	3	0.02	0.04	17
1143015	416399	7083114	8N	0.6	1.25	7.9	1.9	0.5	90	0.5	0.08	0.3	29.2	20	51.3	3.29	4	0.14	0.05	35
1143016	416440	7083144	8N	0.05	1.14	9.4	3.2	0.5	75	0.3	0.12	0.2	16.3	18	40.7	2.39	3	0.02	0.04	21
1143017	416476	7083179	8N	0.05	1.33	11.4	1.8	0.5	73	0.4	0.05	0.1	9.8	21	22.4	2.73	4	0.03	0.04	23
1143018	416514	7083211	8N	0.2	1.05	11.5	12.5	0.5	62	0.3	0.05	0.1	17.1	15	32.8	3.28	4	0.06	0.04	30
1143019	416550	7083247	8N	0.05	1.22	12.1	1.7	0.5	70	0.3	0.06	0.1	8.8	20	20.8	2.53	4	0.03	0.03	18

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1141105	0.46	316	0.9	0.005	27.8	0.047	15	0.025	0.9	1.8	0.25	10	0.1	5.7	0.029	0.05	1	36	0.2	68
1141106	0.34	249	1.1	0.004	17.4	0.06	18	0.025	1	1.2	0.5	9	0.1	2	0.015	0.1	0.8	37	0.2	51
1141107	0.38	295	1.2	0.004	21.2	0.068	15.7	0.025	1	1.6	0.5	10	0.1	2.4	0.018	0.05	0.9	40	0.2	68
1141108	0.33	177	0.7	0.003	16.7	0.051	18.3	0.025	0.7	0.9	0.7	6	0.1	2.8	0.014	0.2	0.8	28	0.2	49
1141109	0.41	357	0.8	0.004	26.4	0.053	17	0.025	0.6	1.4	0.25	12	0.1	6.2	0.013	0.05	1.4	27	0.1	63
1141110	0.2	442	0.6	0.005	34.8	0.046	24.6	0.025	4.8	1.9	0.25	11	0.1	10.4	0.002	0.05	2.1	15	0.05	93
1141111	0.31	208	0.6	0.003	18.7	0.05	14	0.025	0.7	1.2	0.25	8	0.1	3.8	0.014	0.05	0.8	25	0.2	51
1141112	0.34	227	1	0.004	20.9	0.049	16.9	0.025	0.7	0.9	0.5	9	0.1	2.8	0.015	0.05	0.8	29	0.1	57
1141113	0.32	221	1	0.003	18.8	0.045	12.4	0.025	0.8	1.1	0.7	8	0.1	2	0.015	0.05	0.6	31	0.2	48
1141114	0.34	252	0.8	0.003	20.8	0.038	14.2	0.06	0.8	1.5	0.6	7	0.1	4	0.023	0.05	0.7	33	0.2	55
1141115	0.38	225	0.9	0.004	21	0.054	14.9	0.025	0.8	1.4	0.7	9	0.1	3.2	0.016	0.05	0.9	31	0.2	63
1141116	0.26	158	0.7	0.003	14.6	0.046	12.6	0.025	0.6	1.2	0.7	7	0.1	2.6	0.017	0.05	0.6	32	0.2	48
1141117	0.4	281	1	0.004	24.2	0.051	18.9	0.025	0.7	1.3	1.1	9	0.1	4	0.016	0.05	1	30	0.2	60
1141118	0.38	229	1	0.004	20.4	0.049	14.5	0.025	0.8	1.1	0.9	8	0.1	2.2	0.018	0.05	0.9	31	0.2	59
1141119	0.21	131	0.8	0.003	12.5	0.039	12.8	0.025	0.6	0.6	0.7	6	0.1	1.2	0.014	0.05	0.8	26	0.1	36
1141120	0.36	234	0.9	0.004	24.2	0.05	14.3	0.025	0.8	1.2	0.25	8	0.1	2.5	0.019	0.05	0.9	27	0.2	64
1141121	0.42	428	0.9	0.004	33.8	0.033	25.1	0.025	0.9	1.1	0.9	8	0.1	7.9	0.016	0.05	1.5	26	0.2	73
1141122	0.41	397	0.9	0.004	35.9	0.053	30.4	0.025	1	1.4	0.6	12	0.1	13.8	0.015	0.05	2.1	23	0.1	84
1141123	0.18	596	0.7	0.003	47.4	0.032	30.1	0.025	2.1	1.7	0.7	7	0.1	19.2	0.001	0.05	2.8	9	0.05	106
1141124	0.41	182	0.9	0.003	22.7	0.038	17.4	0.025	1	1.4	0.6	5	0.1	7.1	0.009	0.05	1.9	24	0.1	69
1141125	0.27	104	0.9	0.004	14.9	0.059	22.4	0.025	0.6	0.8	0.25	6	0.1	2.3	0.009	0.05	1.3	24	0.1	45
1141126	0.56	148	1.3	0.005	14.7	0.047	31.5	0.025	0.8	1.7	0.6	7	0.1	12.1	0.003	0.05	2.6	21	0.05	75
1141127	0.56	639	0.8	0.002	45.3	0.033	24.8	0.025	1.1	1.5	0.8	4	0.1	23.1	0.002	0.05	2.9	13	0.05	106
1141128	0.42	258	1.2	0.003	24.4	0.035	20	0.025	0.7	1.2	1	5	0.1	9.2	0.008	0.05	1.6	23	0.1	76
1141129	0.07	424	1.3	0.004	36.3	0.022	36.8	0.025	1	1.5	0.6	24	0.1	17.5	5E-04	0.05	1.4	6	0.05	113
1141130	0.2	217	0.7	0.003	29.5	0.033	20.8	0.025	1.4	1.1	0.25	5	0.1	9.7	0.004	0.05	1.6	14	0.05	70
1141131	0.33	227	1	0.003	34.6	0.033	24.1	0.025	0.6	1.6	0.25	6	0.1	12.6	0.006	0.05	1.9	16	0.05	71
1141132	0.39	184	0.9	0.003	32.7	0.039	26.6	0.025	1	1.2	0.7	9	0.1	12.2	0.004	0.05	2.1	17	0.05	83
1143001	0.51	230	1.5	0.008	30.5	0.031	18.2	0.025	1.6	2.2	0.25	19	0.1	10	0.026	0.1	1.4	42	0.1	87
1143002	0.23	136	0.8	0.004	11.3	0.022	18.3	0.025	1.6	1.3	0.25	7	0.1	2.8	0.016	0.05	0.6	35	0.2	44
1143003	0.26	410	0.9	0.004	26.4	0.063	35	0.025	7.6	1.3	0.25	15	0.1	7.6	0.018	0.05	1.2	22	0.2	90
1143004	0.17	152	0.9	0.003	17.2	0.027	19.8	0.025	3.6	0.9	0.25	8	0.1	5.1	0.005	0.1	1	20	0.1	52
1143005	0.39	309	1.4	0.006	15.4	0.021	13.3	0.025	0.9	2.2	0.25	9	0.1	5.4	0.026	0.1	0.7	51	0.2	75
1143006	0.27	284	0.9	0.004	22	0.038	18.1	0.025	2.7	1.3	0.25	10	0.1	5.1	0.007	0.05	1.2	24	0.1	67
1143007	0.26	123	0.9	0.004	11.8	0.03	10.9	0.025	0.5	1	0.25	8	0.1	1.6	0.011	0.05	0.7	33	0.1	36
1143008	0.31	393	0.8	0.004	17.1	0.05	12.7	0.025	0.7	1.2	0.25	11	0.1	3	0.012	0.05	1	26	0.1	58
1143009	0.34	243	1.1	0.004	16.2	0.036	32.8	0.025	0.7	1.3	0.25	9	0.1	4.9	0.015	0.05	0.7	35	0.2	57
1143010	0.28	162	0.8	0.004	13.1	0.036	10.8	0.025	0.6	1.1	0.25	8	0.1	2.3	0.011	0.05	0.7	30	0.2	43
1143011	0.34	337	0.9	0.004	21.8	0.043	14.5	0.025	0.8	1.1	0.25	11	0.1	4.1	0.011	0.05	1.1	27	0.1	61
1143013	0.39	483	0.8	0.004	23.2	0.037	13.6	0.025	0.6	1.5	0.25	11	0.1	5.2	0.013	0.05	1.1	29	0.2	64
1143014	0.35	367	0.8	0.004	21.4	0.049	11.1	0.025	0.7	1.4	0.25	11	0.1	4	0.02	0.05	0.9	28	0.2	57
1143015	0.44	2407	0.8	0.007	40	0.096	35.3	0.06	0.4	0.8	0.25	21	0.1	5.1	0.005	0.05	2.6	17	0.05	95
1143016	0.43	288	0.9	0.005	34.8	0.057	12.6	0.025	0.8	1.6	0.25	14	0.1	9.1	0.022	0.05	1.5	27	0.2	67
1143017	0.34	224	1.1	0.004	24.5	0.025	15.4	0.025	1	1.7	0.25	9	0.1	8.5	0.018	0.1	1.1	35	0.1	63
1143018	0.25	1005	1.1	0.005	30.1	0.065	26.6	0.025	2.4	0.8	0.25	15	0.1	4.2	0.008	0.05	2	28	0.05	68
1143019	0.31	215	1	0.004	17.7	0.031	13	0.025	1	1.5	0.25	8	0.1	6.4	0.017	0.05	1	36	0.1	52

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1143020	416588	7083281	8N	0.05	1.2	10.2	4.5	0.5	40	0.3	0.03	0.05	5.9	17	24.4	2.84	4	0.02	0.03	23
1143021	416618	7083320	8N	0.05	0.88	9.5	10.3	0.5	64	0.2	0.06	0.1	4.4	17	13	1.72	3	0.04	0.02	13
1143022	416648	7083360	8N	0.05	1.09	10.7	1.4	0.5	67	0.3	0.05	0.1	8	18	18.5	2.14	4	0.02	0.03	17
1143023	416681	7083396	8N	0.05	0.87	11.7	2.5	1	140	0.2	0.16	0.1	8.1	15	25.4	1.79	2	0.03	0.03	13
1143024	416708	7083438	8N	0.1	1.13	8.4	5.7	0.5	81	0.2	0.17	0.2	10.8	17	27.9	2.24	3	0.03	0.03	24
1143025	416752	7083462	8N	0.05	1.39	13.7	2	0.5	30	0.6	0.02	0.05	5.7	17	47.2	4.08	4	0.02	0.04	61
1143026	416799	7083481	8N	0.1	1.52	11.2	1.5	0.5	41	0.6	0.02	0.2	14.4	33	57.3	4.07	5	0.02	0.04	56
1143027	416847	7083492	8N	0.05	1.4	10.8	2.5	0.5	51	0.4	0.03	0.1	10.8	24	37.7	3.17	4	0.03	0.04	45
1143028	416897	7083492	8N	0.05	1.57	12.9	2	0.5	41	0.7	0.01	0.05	10	19	49.8	4.04	5	0.01	0.04	60
1143029	416947	7083489	8N	0.1	1.58	20.9	2	0.5	86	0.6	0.07	0.2	19	21	52.8	3.94	5	0.03	0.05	40
1143030	416993	7083510	8N	0.1	1.58	16.8	3.4	0.5	55	0.6	0.02	0.1	14.2	22	54.5	3.89	4	0.01	0.04	36
1143031	417033	7083540	8N	0.2	1.4	15.5	2.2	0.5	63	0.6	0.03	0.1	14.8	17	46.7	4	5	0.03	0.05	42
1143032	417076	7083568	8N	0.05	1.57	13.4	1.7	0.5	60	0.5	0.03	0.05	12.8	17	45.8	3.8	5	0.02	0.04	34
1143033	417111	7083603	8N	0.05	1.47	12.8	2.3	0.5	59	0.4	0.03	0.1	15.6	20	38.6	3.22	4	0.02	0.04	34
1143034	417156	7083625	8N	0.2	1.76	14.2	1.8	0.5	70	0.4	0.03	0.1	10.1	20	32.6	3.28	5	0.005	0.04	35
1143036	413693	7081050	8N	1.3	1.55	133.4	5.6	0.5	111	0.4	0.09	0.8	16.5	30	46.1	3.98	5	0.02	0.24	39
1143038	412698	7081257	8N	0.5	0.98	24.9	5.3	1	88	0.3	0.16	0.6	10.6	21	36.7	2.21	3	0.1	0.05	20
1143039	412650	7081273	8N	0.3	1.11	21.4	11.5	1	76	0.2	0.12	0.2	7.6	22	18.4	2.11	3	0.05	0.04	16
1143051	415704	7080960	8N	0.05	1	18.2	3.3	1	65	0.2	0.06	0.2	8.2	24	22.6	2.3	4	0.05	0.05	17
1143052	415705	7081010	8N	0.1	0.81	12.1	1.7	0.5	43	0.2	0.04	0.1	3.8	15	8.6	1.92	4	0.04	0.02	9
1143053	415707	7081061	8N	0.05	1.1	13.8	11.3	0.5	59	0.3	0.06	0.2	6.5	19	17.6	2.29	4	0.03	0.03	14
1143054	415707	7081111	8N	0.2	0.88	18.5	10.4	0.5	97	0.2	0.11	0.2	10.4	17	26.5	2.48	3	0.03	0.03	20
1143055	415708	7081162	8N	0.1	0.87	18.4	8.7	0.5	71	0.2	0.13	0.2	7.4	19	19.9	2.27	3	0.03	0.03	15
1143056	415711	7081212	8N	0.05	0.95	16.2	7.3	1	80	0.2	0.1	0.3	8.9	19	18	2.33	3	0.04	0.04	15
1143057	415711	7081262	8N	2.4	0.93	64.2	42.6	0.5	64	0.3	0.1	0.7	13.2	17	27.8	2.72	3	0.04	0.04	29
1143058	415711	7081312	8N	0.3	1.25	21.7	7.4	0.5	61	0.3	0.05	0.2	9.3	23	23.8	2.97	4	0.04	0.05	22
1143059	415713	7081362	8N	0.05	0.79	11.8	1.4	0.5	34	0.2	0.03	0.05	2.6	12	8.1	1.39	3	0.03	0.02	9
1143060	415714	7081413	8N	0.3	1.33	37.6	6.4	1	57	0.3	0.05	0.2	7.9	22	37.7	3.5	4	0.03	0.04	32
1143061	415723	7081462	8N	0.2	1.13	25.3	5.5	0.5	67	0.2	0.07	0.3	6.8	19	21.4	2.39	4	0.04	0.03	16
1143062	415739	7081509	8N	0.2	1.02	20.9	6.6	1	89	0.2	0.09	0.2	6	19	16.9	2.12	3	0.03	0.03	14
1143063	415940	7082127	8N	0.1	0.79	9.1	2.5	0.5	53	0.1	0.07	0.05	4.8	16	11.8	1.57	3	0.02	0.02	9
1143064	415963	7082172	8N	0.1	1.34	13.8	2.3	0.5	88	0.2	0.11	0.3	9.5	28	15.8	2.3	4	0.03	0.04	15
1143065	415987	7082217	8N	0.05	1.01	10.2	1.3	0.5	72	0.2	0.08	0.2	5.1	19	11.5	1.75	3	0.03	0.03	11
1143067	416010	7082263	8N	0.05	0.88	12	8.8	0.5	106	0.1	0.14	0.2	5.3	19	18.3	1.9	3	0.05	0.03	15
1143069	416032	7082308	8N	0.1	1.19	53.8	1.5	0.5	104	0.3	0.1	0.2	11.3	19	34.3	2.94	3	0.02	0.05	27
1143070	416054	7082354	8N	0.05	1.15	13.8	3.6	0.5	93	0.2	0.09	0.1	7.9	19	22.9	2	3	0.03	0.03	13
1143071	416078	7082398	8N	0.05	1.06	9.5	7.6	0.5	109	0.2	0.09	0.2	8.7	17	20.6	1.86	3	0.02	0.03	12
1143072	416102	7082442	8N	0.05	0.88	15.1	1.3	0.5	84	0.2	0.14	0.2	8.3	16	25.3	1.85	2	0.02	0.03	14
1143075	415753	7081557	8N	0.05	1.03	13.6	16.5	0.5	62	0.2	0.1	0.2	6.2	17	20.2	1.88	3	0.02	0.03	14
1143076	415767	7081605	8N	0.05	1.14	23.3	2.5	0.5	61	0.2	0.06	0.2	5.3	20	16.7	2.08	4	0.03	0.03	15
1143077	415782	7081653	8N	0.05	1.21	24.4	1.4	0.5	72	0.2	0.07	0.2	5.9	21	18.2	2.22	4	0.03	0.04	18
1143078	415796	7081701	8N	0.05	1.17	14.8	16.9	0.5	74	0.2	0.07	0.2	6.1	19	13.2	2.09	3	0.02	0.03	14
1143079	415811	7081750	8N	0.05	1.02	60.7	3.1	0.5	58	0.3	0.07	0.3	6.5	18	17.7	2.06	3	0.03	0.04	18
1143080	415826	7081797	8N	0.2	1.32	13.3	1.4	0.5	47	0.3	0.06	0.2	4.3	23	9.5	2.74	6	0.04	0.03	13
1143081	415840	7081846	8N	0.05	1.19	16.4	8.4	0.5	93	0.2	0.09	0.5	9.9	20	18.4	2.26	3	0.04	0.03	15
1143082	415853	7081894	8N	0.6	1.3	16.1	4.6	0.5	80	0.2	0.09	0.4	9.1	23	19.3	2.49	4	0.04	0.04	13

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1143020	0.27	137	1.1	0.003	14.2	0.028	17.3	0.025	0.6	1	0.25	8	0.1	8.4	0.01	0.05	1.1	34	0.1	44
1143021	0.23	118	0.8	0.004	12.3	0.029	9.8	0.025	0.5	1.1	0.25	7	0.1	1.6	0.017	0.05	0.7	32	0.1	34
1143022	0.3	246	0.8	0.004	15.7	0.031	13.3	0.025	0.6	1.4	0.25	9	0.1	4.4	0.021	0.05	0.8	34	0.2	43
1143023	0.31	345	0.6	0.005	20.3	0.07	7.9	0.07	0.8	1.7	0.25	14	0.1	3.7	0.021	0.05	0.7	27	0.2	47
1143024	0.37	276	0.7	0.004	26.8	0.053	15.1	0.025	1	1.1	0.25	15	0.1	2.4	0.011	0.05	2.1	23	0.1	62
1143025	0.5	123	1.7	0.004	16.6	0.046	32.5	0.05	0.5	0.7	0.25	15	0.1	18.2	0.001	0.05	1.7	13	0.05	70
1143026	0.56	455	1.4	0.006	42.3	0.071	39.3	0.07	2.6	0.9	0.25	20	0.1	13.5	0.002	0.05	2.9	16	0.05	96
1143027	0.47	206	1.3	0.005	31.4	0.044	26.3	0.05	1.7	1.2	0.25	15	0.1	13	0.005	0.05	2.3	22	0.05	69
1143028	0.55	183	1.6	0.006	27.4	0.046	40.4	0.06	1	1	0.25	20	0.1	20.4	0.002	0.05	2.5	17	0.05	74
1143029	0.55	699	2	0.005	41.5	0.045	34.6	0.025	2.9	1.1	0.25	22	0.1	15.9	0.002	0.05	2.3	20	0.05	85
1143030	0.57	255	1.6	0.005	37.4	0.039	35.3	0.025	2.5	1.1	0.25	17	0.1	18.2	0.002	0.05	2.7	17	0.05	83
1143031	0.37	430	1.6	0.006	22.7	0.05	35.2	0.025	0.7	0.9	0.25	23	0.1	20	0.002	0.05	2.6	19	0.05	74
1143032	0.44	210	1.5	0.004	35.7	0.038	27.1	0.025	0.8	1	0.25	17	0.1	18.1	0.002	0.05	2.2	23	0.05	83
1143033	0.38	271	1.1	0.004	36.1	0.036	26.8	0.025	1.5	1.2	0.25	14	0.1	12.5	0.007	0.05	2.1	26	0.1	67
1143034	0.41	149	1.2	0.004	22.1	0.033	24.1	0.025	1.8	1.4	0.25	10	0.1	13.2	0.006	0.05	1.6	33	0.05	63
1143036	0.54	424	0.7	0.006	39.5	0.065	51.1	0.025	14.9	3.2	0.7	17	0.1	11.3	0.058	0.4	1.8	34	0.2	137
1143038	0.35	380	0.7	0.006	25.7	0.079	14.1	0.025	1.8	2.3	1.1	14	0.1	5.8	0.049	0.5	1.4	39	0.8	74
1143039	0.32	262	0.8	0.004	15.9	0.064	27	0.025	1.9	1.7	0.25	11	0.1	2.2	0.03	0.2	0.9	35	0.3	54
1143051	0.25	370	1	0.004	21.8	0.047	15.7	0.025	1.2	1.1	0.25	8	0.1	1.2	0.02	0.1	1.1	39	0.2	56
1143052	0.17	164	1	0.005	8.5	0.028	11.6	0.025	0.8	0.8	0.25	5	0.1	0.8	0.016	0.05	0.5	34	0.2	34
1143053	0.23	224	1.2	0.004	15.1	0.054	16.5	0.025	1	0.9	0.7	7	0.1	1	0.014	0.05	0.7	39	0.3	53
1143054	0.3	253	0.8	0.004	27.2	0.055	15.2	0.025	2.9	1.4	0.25	13	0.1	5.7	0.018	0.05	1.4	28	0.2	67
1143055	0.29	254	0.8	0.004	17.9	0.068	11.4	0.025	1.2	1.4	0.25	12	0.1	3.9	0.022	0.05	0.9	37	0.8	51
1143056	0.32	374	0.9	0.005	19.3	0.054	11.2	0.025	0.9	1.5	0.25	11	0.1	4.3	0.025	0.05	0.9	33	0.6	63
1143057	0.31	560	1	0.008	23.3	0.067	177.7	0.025	20.3	1.3	0.25	21	0.1	7.2	0.017	0.05	1.3	27	0.3	115
1143058	0.37	451	1.4	0.007	20	0.054	27.8	0.025	2.3	1.3	0.25	14	0.1	4.5	0.016	0.05	1	32	0.3	69
1143059	0.14	100	0.8	0.003	6.3	0.029	8.3	0.025	0.6	0.7	0.25	5	0.1	0.6	0.012	0.05	0.5	30	0.1	22
1143060	0.4	199	1	0.009	19	0.058	25.9	0.12	1.1	1.5	0.25	19	0.1	8.1	0.017	0.05	1.7	31	0.2	67
1143061	0.32	202	1	0.005	18.1	0.055	38.6	0.025	2.9	1.4	0.25	11	0.1	2.3	0.015	0.05	1	36	0.2	62
1143062	0.34	223	0.8	0.005	15.9	0.051	18.2	0.025	1	1.4	0.5	10	0.1	2.6	0.027	0.05	0.8	32	0.2	56
1143063	0.23	163	0.6	0.004	11.5	0.044	8	0.025	0.6	0.8	0.25	7	0.1	0.5	0.012	0.05	0.5	28	0.2	36
1143064	0.38	352	1.1	0.006	18.7	0.066	12	0.025	1.5	1.9	0.25	11	0.1	1.8	0.03	0.05	0.8	43	0.2	65
1143065	0.26	190	0.7	0.004	10.6	0.041	10.7	0.025	0.8	1	0.25	8	0.1	0.6	0.016	0.05	0.6	32	0.2	38
1143067	0.29	171	0.6	0.005	15.6	0.066	10.5	0.025	0.7	1.4	0.25	12	0.1	2.1	0.024	0.05	0.7	35	0.3	50
1143069	0.42	254	0.9	0.005	26.5	0.053	14.4	0.025	4.1	1.8	0.25	16	0.1	8.6	0.021	0.05	1.8	26	0.1	75
1143070	0.34	244	0.7	0.005	16.9	0.05	9.9	0.025	0.8	2	0.25	9	0.1	3.4	0.022	0.05	0.9	30	0.2	54
1143071	0.31	277	0.7	0.004	17.6	0.048	8.2	0.025	0.6	1.8	0.5	9	0.1	2.6	0.021	0.05	0.8	28	0.2	53
1143072	0.29	298	0.5	0.004	20.2	0.063	8.4	0.025	0.8	1.9	0.25	11	0.1	4	0.027	0.05	0.7	27	0.3	54
1143075	0.3	202	0.7	0.004	15.1	0.058	10.7	0.025	0.8	1.2	0.25	10	0.1	1.7	0.019	0.05	0.8	30	0.2	47
1143076	0.33	154	0.9	0.004	12.9	0.046	12.9	0.025	0.7	1.1	0.25	9	0.1	1.1	0.018	0.1	0.9	36	0.1	47
1143077	0.36	166	0.9	0.005	14.5	0.049	13.6	0.025	0.8	1.1	0.25	10	0.1	1.1	0.017	0.1	1	36	0.2	54
1143078	0.3	188	0.8	0.004	12.8	0.041	11.6	0.025	0.7	1.2	0.25	8	0.1	1.1	0.017	0.05	0.7	36	0.2	43
1143079	0.32	197	0.9	0.004	14.8	0.041	21.7	0.025	1	1.2	0.25	9	0.1	2.4	0.021	0.05	1	32	0.2	51
1143080	0.23	177	1.4	0.004	9.5	0.025	17.7	0.025	0.8	1.5	0.25	7	0.1	2.7	0.038	0.2	0.6	65	0.2	41
1143081	0.32	345	0.9	0.004	18.6	0.053	25.7	0.025	1.4	1.5	0.25	10	0.1	2.4	0.023	0.05	0.9	35	0.2	77
1143082	0.32	355	1.2	0.005	17.4	0.056	42.2	0.025	2.5	1.5	0.5	10	0.1	1.7	0.028	0.05	0.7	46	0.2	72

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1143083	415867	7081942	8N	0.1	0.93	12.6	5	0.5	76	0.2	0.12	0.4	7.9	19	17.1	2.05	4	0.05	0.04	16
1143084	415882	7081989	8N	0.05	0.85	13.2	3	0.5	48	0.2	0.06	0.1	4.7	19	9.4	2.53	6	0.03	0.03	13
1143085	415896	7082037	8N	0.2	0.95	15.2	4.8	0.5	51	0.2	0.08	0.2	5.6	20	13.4	2.28	4	0.04	0.03	13
1143086	415917	7082082	8N	0.05	1.09	13.6	3.5	0.5	76	0.2	0.1	0.2	7.5	20	17.5	1.88	3	0.07	0.03	15
1143301	414302	7080364	8N	0.1	1.04	38.1	3.9	0.5	81	0.2	0.11	0.1	9.4	20	19.5	2.27	3	0.04	0.04	18
1143302	414320	7080314	8N	0.5	0.84	49.8	5.3	8	79	0.3	0.08	0.4	24.6	14	33.2	2.7	2	0.03	0.04	22
1143303	414344	7080271	8N	0.1	1.08	21.5	5.6	1	85	0.2	0.1	0.2	8.9	23	21.9	2.62	4	0.04	0.04	20
1143304	414353	7080222	8N	0.2	1.16	21.1	33	1	83	0.3	0.1	0.2	11.3	23	22.7	2.85	4	0.07	0.04	18
1143305	414368	7080174	8N	0.2	1.04	20.3	4.4	0.5	106	0.3	0.1	0.2	14.1	19	30	2.77	3	0.04	0.03	23
1143306	414398	7080133	8N	0.2	1.51	12.9	2.1	2	64	0.4	0.06	0.2	7.1	24	16.9	3.04	6	0.05	0.05	15
1143307	414425	7080089	8N	0.05	1.52	14.1	2.7	1	92	0.3	0.07	0.2	8.1	23	18.1	2.63	5	0.06	0.04	14
1143308	414451	7080045	8N	0.1	0.98	14.6	3.3	0.5	100	0.2	0.07	0.2	6.8	19	17.2	2.37	4	0.05	0.04	17
1143309	414475	7080000	8N	0.2	0.95	16.1	4.8	1	105	0.2	0.1	0.2	8.7	19	19.9	2.26	3	0.02	0.03	17
1143310	414502	7079959	8N	0.1	1.17	17	4.6	0.5	123	0.3	0.07	0.2	10.2	21	20.9	2.6	4	0.05	0.04	18
1143311	414532	7079918	8N	0.05	1.17	15.9	1.7	0.5	112	0.2	0.07	0.2	7.9	21	17.8	2.41	4	0.03	0.04	17
1143312	414560	7079876	8N	0.05	1.19	12	1	0.5	90	0.2	0.06	0.1	6	21	14.5	2.25	4	0.03	0.03	15
1143313	414579	7079830	8N	0.05	1.22	12.1	2.3	2	83	0.2	0.11	0.3	9.6	21	19.4	2.3	3	0.05	0.04	20
1143314	414601	7079784	8N	0.05	1.22	12.1	2	1	125	0.2	0.1	0.2	6.6	22	19.3	2.3	4	0.04	0.04	21
1143315	414626	7079746	8N	0.05	1.36	12.9	5.2	2	111	0.2	0.09	0.2	6.4	24	18	2.44	4	0.03	0.04	21
1143316	414665	7079708	8N	0.05	1.23	14.5	4.3	0.5	75	0.3	0.04	0.2	7.7	22	21.7	2.63	4	0.03	0.03	19
1143317	414691	7079665	8N	0.05	1.69	15.9	1.9	1	164	0.2	0.1	0.1	13.2	26	22.7	2.99	5	0.02	0.05	26
1143318	414714	7079619	8N	0.05	1.22	12.5	7.7	1	73	0.2	0.16	0.3	9.6	22	18.9	2.54	3	0.04	0.06	22
1143319	414737	7079575	8N	0.05	1.52	12.9	2.5	1	106	0.2	0.08	0.1	9.1	25	16.6	2.72	5	0.04	0.04	21
1143320	414762	7079530	8N	0.05	1.15	11	1.4	1	70	0.2	0.08	0.1	8.5	23	17	2.47	4	0.03	0.04	20
1143321	414789	7079488	8N	0.05	1.09	12.7	4.9	0.5	88	0.2	0.08	0.2	7.8	21	21.8	2.33	3	0.04	0.03	16
1143322	414817	7079447	8N	0.05	1.47	12.9	3	1	137	0.2	0.09	0.1	8.7	23	19.7	2.37	4	0.04	0.04	19
1143323	414842	7079404	8N	0.05	1.38	13.4	1.4	1	97	0.2	0.06	0.2	8.1	24	16.8	2.4	4	0.03	0.03	13
1143325	414863	7079356	8N	0.05	1.25	12	9.8	0.5	62	0.2	0.08	0.1	7.9	20	16.8	2.27	3	0.04	0.03	12
1143326	414885	7079312	8N	0.05	0.97	15.8	6	0.5	101	0.2	0.14	0.3	12.9	19	25.5	2.39	3	0.03	0.03	16
1143327	414879	7079261	8N	0.05	1	16.3	4.5	1	182	0.2	0.11	0.4	9.7	19	25.6	2.31	3	0.03	0.04	16
1143328	414911	7079220	8N	0.05	1.06	12.6	15	1	57	0.2	0.15	0.4	9.3	18	18.7	2.06	2	0.05	0.03	13
1143329	414943	7079182	8N	0.1	1.54	11.9	1.6	0.5	161	0.2	0.1	0.1	7	27	15.6	2.27	5	0.04	0.05	15
1143330	414975	7079143	8N	0.2	1.12	11	13.7	0.5	134	0.2	0.13	0.1	6.3	21	12.8	1.9	4	0.03	0.04	18
1143331	414995	7079097	8N	0.1	1.16	15.6	5.7	0.5	97	0.2	0.17	0.3	10	21	18.8	2.18	3	0.02	0.05	21
1143332	415023	7079055	8N	0.05	0.82	10.5	1.2	0.5	47	0.1	0.06	0.2	13.2	20	12.9	1.99	3	0.03	0.04	15
1143333	415051	7079015	8N	0.05	1.2	10.9	0.25	0.5	64	0.2	0.13	0.3	11.3	23	16.8	2.37	4	0.03	0.05	18
1143334	415091	7078986	8N	0.05	1.17	10.4	2.1	1	64	0.2	0.11	0.3	6.6	22	15.4	2.19	3	0.03	0.05	15
1143335	415150	7078948	8N	0.3	1.19	23.8	1.8	1	109	0.2	0.08	0.5	8.8	22	11.1	2	4	0.02	0.04	19
1143451	416455	7082418	8N	0.05	1.12	24.1	0.25	0.5	90	0.2	0.07	0.2	8.3	20	15.9	2.44	3	0.01	0.04	16
1143452	416490	7082455	8N	0.05	1.19	15.3	1	0.5	104	0.3	0.06	0.3	13.9	20	26.5	3.07	3	0.02	0.05	29
1143453	416534	7082479	8N	0.05	1.09	9.8	6.9	0.5	82	0.2	0.09	0.05	5.1	20	15.7	1.79	4	0.04	0.02	11
1143454	416575	7082508	8N	0.05	1.14	13.9	7	0.5	80	0.2	0.1	0.2	9.2	21	18	2.18	3	0.03	0.03	15
1143455	416618	7082534	8N	0.1	1.16	14	2.9	1	68	0.2	0.08	0.2	8.4	19	16.8	2.25	3	0.02	0.04	17
1143456	416643	7082578	8N	0.05	1.2	13	2.2	0.5	70	0.3	0.07	0.1	8.4	19	16.6	2.38	3	0.03	0.06	19
1143457	416656	7082626	8N	0.2	0.69	26.6	1.7	0.5	126	0.3	0.08	0.4	22.6	14	35.4	3.66	2	0.02	0.07	52
1143458	416686	7082667	8N	0.05	1.6	25.8	3.5	4	83	0.3	0.07	0.2	15	22	21.5	2.92	4	0.03	0.07	22

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1143083	0.27	354	1	0.004	17.5	0.067	22.3	0.025	1.3	1.2	0.25	11	0.1	1.4	0.028	0.05	0.8	41	0.5	61
1143084	0.21	204	1.2	0.006	9.5	0.043	31	0.025	0.9	0.9	0.25	7	0.1	1.1	0.038	0.05	0.5	54	0.2	37
1143085	0.26	238	1.1	0.005	13	0.056	14.8	0.025	1	0.9	0.25	8	0.1	0.7	0.025	0.05	0.7	46	0.3	45
1143086	0.31	242	0.7	0.004	15.2	0.055	10.6	0.025	0.6	1.5	0.25	9	0.1	1.7	0.026	0.05	0.8	34	0.2	49
1143301	0.3	277	1	0.006	21	0.044	11.4	0.025	0.8	1.2	0.25	10	0.1	2.5	0.026	0.05	0.8	36	0.3	50
1143302	0.28	1081	1	0.004	35.4	0.048	22	0.025	2.1	1.3	0.25	10	0.1	5.3	0.011	0.05	1.6	21	0.2	77
1143303	0.37	318	1	0.005	22.4	0.045	14.8	0.025	0.7	1.4	0.25	10	0.1	4.5	0.029	0.05	1.1	38	0.3	58
1143304	0.36	600	1	0.005	23.7	0.069	18.5	0.05	0.7	0.9	0.25	9	0.1	1.4	0.017	0.05	1.2	34	0.4	73
1143305	0.37	731	0.7	0.004	28.9	0.055	19.1	0.025	2.4	1.4	0.25	9	0.1	5.1	0.016	0.05	1.6	25	0.2	71
1143306	0.32	300	1.6	0.005	14.7	0.044	16.8	0.025	0.8	1.5	0.25	8	0.1	3.3	0.034	0.1	0.9	53	0.2	53
1143307	0.33	327	1.1	0.005	15.4	0.052	14.8	0.025	0.7	1.4	0.5	8	0.1	1.2	0.021	0.1	1.1	42	0.2	54
1143308	0.26	284	0.8	0.004	14.5	0.051	15.8	0.025	0.6	0.8	0.25	9	0.1	0.9	0.015	0.05	0.9	33	0.2	44
1143309	0.33	310	0.8	0.004	19.1	0.056	11.5	0.025	0.7	1.2	0.25	10	0.1	2.8	0.019	0.05	1.1	30	0.3	57
1143310	0.38	399	1.2	0.005	18.6	0.051	15.7	0.025	0.7	1.3	0.25	9	0.1	2.2	0.019	0.05	1.1	34	0.2	61
1143311	0.35	338	1	0.005	16.2	0.05	13.4	0.025	0.7	1.2	0.25	8	0.1	1.4	0.017	0.05	1.1	34	0.2	58
1143312	0.32	257	1	0.004	12.7	0.061	11.9	0.025	0.6	1	0.25	7	0.1	0.8	0.018	0.05	0.9	36	0.2	48
1143313	0.37	359	0.8	0.005	19.3	0.059	10.4	0.025	0.7	1.7	0.25	10	0.1	4.6	0.032	0.05	1.1	31	0.3	62
1143314	0.36	241	0.9	0.005	17.3	0.052	10.4	0.025	0.7	1.7	0.25	9	0.1	2.4	0.028	0.05	1.2	36	0.2	54
1143315	0.36	228	1	0.006	16	0.044	12	0.025	0.6	1.8	0.25	9	0.1	2	0.031	0.1	1.2	40	0.2	53
1143316	0.35	258	1.2	0.006	15.2	0.051	15.4	0.025	0.7	1.6	0.25	8	0.1	2.5	0.017	0.05	1.2	35	0.2	54
1143317	0.45	549	1.2	0.005	22.1	0.056	15.9	0.025	0.6	2	0.25	11	0.1	5.3	0.025	0.05	1.6	37	0.2	72
1143318	0.4	388	1	0.005	18.8	0.08	10.9	0.025	0.7	1.6	0.25	12	0.1	6.2	0.033	0.05	1	34	0.2	63
1143319	0.38	343	1.2	0.004	16.1	0.052	13.2	0.025	0.5	1.5	0.25	9	0.1	2.2	0.024	0.1	1.2	41	0.2	57
1143320	0.35	310	1	0.005	16.1	0.034	9.3	0.025	0.6	1.7	0.25	9	0.1	4.3	0.039	0.05	0.8	36	0.2	51
1143321	0.33	259	0.8	0.004	17.6	0.053	11.2	0.025	0.7	2	0.25	8	0.1	3.1	0.024	0.05	1	32	0.2	58
1143322	0.39	314	0.9	0.006	19.1	0.043	11.6	0.025	0.6	2.3	0.25	9	0.1	3.3	0.03	0.05	1.2	36	0.2	58
1143323	0.33	301	1.1	0.005	15.1	0.051	13	0.025	0.7	1.9	0.25	7	0.1	2.3	0.022	0.05	1	41	0.2	56
1143325	0.32	321	1	0.004	15.3	0.079	12	0.025	0.7	1.1	0.5	8	0.1	1.5	0.013	0.05	0.9	34	0.2	53
1143326	0.34	280	1.1	0.004	32.2	0.076	13.6	0.025	0.9	1.9	0.25	12	0.1	4	0.025	0.05	1	33	0.3	72
1143327	0.36	316	1	0.005	21.6	0.054	14.6	0.025	0.8	2	0.25	11	0.1	3.4	0.026	0.05	0.9	32	0.2	70
1143328	0.3	469	0.8	0.004	18.1	0.096	10.2	0.025	0.8	1.6	0.25	11	0.1	4.5	0.027	0.05	0.8	31	0.5	68
1143329	0.4	311	1	0.004	18.3	0.061	9.4	0.025	0.4	1.5	0.25	9	0.1	1.1	0.016	0.1	1	45	0.2	68
1143330	0.36	249	0.7	0.004	17.1	0.054	9.7	0.025	0.3	1.2	0.25	12	0.1	1.2	0.017	0.05	0.8	36	0.2	54
1143331	0.35	368	1	0.004	23.2	0.062	14	0.025	0.6	1.3	0.25	13	0.1	2.7	0.024	0.05	0.9	33	0.2	63
1143332	0.28	627	1	0.003	15.1	0.032	10.3	0.025	0.6	0.9	0.25	6	0.1	1.7	0.03	0.05	0.5	38	0.2	50
1143333	0.35	536	1.1	0.005	19.9	0.065	14.7	0.025	0.7	1.3	0.25	11	0.1	2	0.029	0.05	0.7	38	0.2	74
1143334	0.35	227	0.8	0.005	18.2	0.058	13.5	0.025	0.6	1.4	0.25	10	0.1	2.7	0.03	0.05	0.7	36	0.2	58
1143335	0.34	410	0.9	0.004	17	0.045	33.1	0.025	0.6	1.2	0.25	8	0.1	1.1	0.017	0.05	0.9	37	0.2	82
1143451	0.33	254	0.9	0.004	17	0.039	14.2	0.025	1.3	1.8	0.6	9	0.1	4.7	0.027	0.2	0.8	33	0.1	57
1143452	0.3	583	1.5	0.005	30.2	0.041	15.7	0.025	2.4	2.4	1.1	10	0.1	8.6	0.022	0.3	1.3	31	0.2	79
1143453	0.26	174	0.7	0.005	13.7	0.045	9.7	0.025	0.6	1	0.6	8	0.1	0.5	0.018	0.05	0.7	33	0.2	40
1143454	0.33	412	0.9	0.004	17.6	0.063	10.1	0.025	1.1	1.5	0.25	8	0.1	2.8	0.026	0.1	0.8	33	0.3	61
1143455	0.34	247	0.9	0.004	15.7	0.04	13.3	0.025	1.1	1.5	0.6	10	0.1	3.4	0.021	0.2	0.9	30	0.2	53
1143456	0.33	236	1	0.006	17.2	0.038	14.8	0.025	1.2	1.5	1.1	12	0.1	4.3	0.029	0.2	0.8	31	0.3	54
1143457	0.2	945	1.3	0.004	64.2	0.053	24.3	0.025	5.4	3.1	1.1	11	0.1	15.1	0.013	0.2	3	21	0.1	104
1143458	0.47	424	1.3	0.005	20.3	0.049	20.1	0.025	1.8	2.1	0.8	12	0.1	7.2	0.026	0.2	1.1	31	0.2	76

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1143459	416700	7082716	8N	0.05	1.39	25.2	1.4	0.5	77	0.3	0.09	0.2	13.9	22	19.6	2.88	4	0.03	0.07	22
1143460	416722	7082762	8N	0.05	1.34	21.2	6.1	0.5	88	0.2	0.09	0.2	8	27	14.4	2.57	5	0.02	0.11	14
1143461	416756	7082799	8N	0.05	1.22	55.8	3.9	0.5	106	0.2	0.09	0.3	8.1	22	19.5	2.36	4	0.03	0.04	14
1143462	416791	7082835	8N	0.05	1.19	31.2	1.9	0.5	106	0.2	0.11	0.2	6.7	21	18.5	2.17	4	0.06	0.04	14
1143463	416831	7082868	8N	0.05	1.04	16.4	11.9	0.5	88	0.2	0.09	0.3	6.4	18	13.4	1.95	4	0.03	0.04	13
1143464	416860	7082908	8N	0.05	0.84	13.8	6.2	1	59	0.2	0.08	0.2	4.7	16	9.3	1.62	3	0.03	0.04	13
1143465	416895	7082943	8N	0.2	1.02	69.1	2.3	0.5	81	0.3	0.09	0.5	8.8	17	23	2.5	3	0.02	0.08	25
1143466	416926	7082984	8N	0.2	1.27	24	3.6	0.5	100	0.2	0.13	0.3	9.3	17	21.6	1.97	3	0.02	0.09	18
1143467	416965	7083013	8N	1.2	0.71	295.7	1.8	0.5	44	0.4	0.02	0.6	17.4	15	34.7	4.19	3	0.03	0.11	34
1143468	416998	7083051	8N	0.3	0.94	36.3	9.5	1	53	0.2	0.09	0.2	8.7	18	18.3	2.47	3	0.03	0.05	18
1143469	417029	7083091	8N	0.7	0.72	167.8	11.4	1	140	0.2	0.13	0.4	6.8	17	19.9	2.32	3	0.03	0.05	17
1143470	417068	7083124	8N	1.3	1.02	78.6	16.3	2	78	0.2	0.11	0.6	7.7	18	15.2	2.22	3	0.04	0.05	16
1143471	417138	7083193	8N	1.4	0.69	234.1	60.5	0.5	51	0.3	0.06	2.2	3.9	13	16.5	2.05	3	0.04	0.04	17
1143472	417222	7083251	8N	0.05	0.91	28.4	17.3	0.5	44	0.2	0.05	0.2	5.2	16	10.3	1.93	3	0.04	0.03	15
1143473	417265	7083276	8N	0.1	0.84	18.4	2.5	1	68	0.3	0.05	0.1	8.6	14	23.8	2.44	3	0.02	0.05	33
1143474	417306	7083305	8N	0.05	0.88	13	2.8	0.5	53	0.2	0.12	0.3	9	17	17.1	2.2	3	0.05	0.04	18
1143475	417350	7083329	8N	0.05	0.95	13.9	2.7	0.5	60	0.2	0.08	0.05	10.5	16	14.7	2.05	3	0.02	0.04	22
1143477	417431	7083388	8N	0.05	1.2	12.4	3.3	0.5	99	0.2	0.09	0.1	10.3	21	29.6	2.3	3	0.03	0.04	14
1143478	417476	7083411	8N	0.05	1.07	9.6	0.6	2	72	0.2	0.11	0.1	7.5	17	15.1	2.01	3	0.02	0.03	14
1143481	417558	7083467	8N	0.05	0.85	11.5	3.6	0.5	69	0.1	0.17	0.2	9.9	18	22.5	2	2	0.02	0.04	14
1143486	414281	7080878	8N	0.05	1.3	10.5	0.6	1	79	0.3	0.09	0.1	5.6	21	23.7	2.55	4	0.04	0.06	24
1143487	414284	7080827	8N	0.05	1.18	20.6	1.9	1	64	0.1	0.1	0.1	5.7	17	18.6	2	3	0.03	0.04	14
1143488	414287	7080777	8N	0.3	1.38	28.3	3.3	3	102	0.2	0.12	0.2	8.8	20	26	2.77	4	0.03	0.06	25
1143489	414283	7080726	8N	0.05	1.19	64.2	4.3	2	70	0.3	0.12	0.1	5.3	17	16.8	2.12	4	0.03	0.05	21
1143490	414279	7080675	8N	0.1	1.12	181.7	10.4	0.5	73	0.4	0.1	0.2	7	17	23.9	2.37	3	0.03	0.05	27
1143491	414268	7080626	8N	0.2	1.19	59.9	3.6	1	78	0.3	0.08	0.2	10.7	18	31.8	3	4	0.03	0.06	29
1143492	414262	7080575	8N	0.3	1.04	25.6	3.7	2	111	0.3	0.12	0.2	11.2	16	32.2	2.85	3	0.03	0.05	38
1143494	414253	7080526	8N	0.1	1.22	16.5	4.1	3	76	0.2	0.11	0.2	7.9	20	22.1	2.49	4	0.04	0.04	20
1143495	414239	7080477	8N	0.1	1.26	37.1	6.2	1	86	0.2	0.13	0.2	9.9	21	24.1	2.36	3	0.03	0.04	16
1143496	414222	7080430	8N	0.1	1.28	31.8	2.8	1	76	0.3	0.1	0.2	8.3	20	26.4	2.56	4	0.05	0.04	25
1143497	414173	7080414	8N	0.7	1.36	38.6	2.6	1	98	0.3	0.09	0.1	9.4	19	28	2.61	4	0.08	0.05	24
1143498	414128	7080393	8N	0.1	1.08	17	1.4	1	59	0.3	0.06	0.1	6.3	20	16.4	2.74	5	0.07	0.04	16
1143499	414086	7080366	8N	0.1	1.06	17.6	2.7	2	61	0.2	0.07	0.2	7.8	21	17.7	2.73	4	0.07	0.04	18
1143500	414044	7080338	8N	0.1	1.2	15.6	1.2	1	77	0.2	0.07	0.2	8.5	20	15.8	2.46	4	0.04	0.04	15
1143501	414005	7073738	8N	4.3	1.35	277.3	17.7	0.5	160	2.3	0.15	9.6	8.9	24	159.7	3.07	4	0.05	0.09	18
1143502	413986	7073783	8N	0.9	0.91	92.6	17.5	0.5	114	0.5	0.17	1.9	6	19	28.1	2.08	4	0.05	0.05	11
1143503	413965	7073830	8N	0.5	1.15	114.1	11.6	0.5	180	0.5	0.27	2.2	11.1	22	31.5	2.44	4	0.04	0.1	14
1143504	413947	7073876	8N	0.9	1.75	155.7	10.6	0.5	229	0.9	0.23	2.1	12.9	34	48.2	3.22	6	0.05	0.12	21
1143505	413927	7073922	8N	0.3	1.51	74.7	3.1	0.5	159	0.6	0.26	2.5	19.2	28	43.9	3.24	5	0.05	0.13	31
1143506	413908	7073968	8N	0.6	2.1	164.6	15.4	2	238	1.6	0.28	2.1	16.4	34	64.1	3.78	7	0.04	0.14	21
1143507	413888	7074015	8N	0.3	1.08	90.7	12	0.5	127	0.7	0.27	2.3	10.8	20	32.6	2.52	3	0.03	0.08	20
1143508	413868	7074060	8N	0.4	1.45	105.3	6.2	0.5	138	1	0.23	2.4	12.8	24	41.6	2.86	4	0.02	0.1	31
1143509	413849	7074107	8N	0.3	1.36	88.5	7.4	0.5	131	0.6	0.2	1.3	10.1	23	36.7	2.69	4	0.02	0.12	20
1143510	413826	7074151	8N	0.2	1.37	76	4.6	0.5	142	0.5	0.2	1.3	11.2	24	30.2	2.61	4	0.02	0.08	18
1143511	413809	7074199	8N	0.3	2.16	203.2	9.5	0.5	211	1.1	0.2	1.5	14.2	24	48.8	3.53	7	0.02	0.12	29
1143512	413790	7074245	8N	0.2	1.02	84.7	7.5	0.5	95	0.3	0.12	0.5	6.6	20	14	1.98	4	0.02	0.05	13

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1143459	0.4	529	1.3	0.005	19.9	0.067	20.8	0.025	2.2	1.8	0.6	12	0.1	4.6	0.027	0.2	1	32	0.2	78
1143460	0.43	263	0.9	0.008	17.9	0.04	13.5	0.025	1.4	2	0.25	14	0.1	2.7	0.051	0.3	0.6	41	0.2	53
1143461	0.32	280	1	0.004	17.9	0.055	18.6	0.025	2.3	1.5	0.6	10	0.1	1.5	0.023	0.3	0.9	38	0.2	61
1143462	0.33	233	0.9	0.005	16.6	0.056	13.4	0.025	1	1.7	0.8	12	0.1	1.3	0.024	0.2	0.9	38	0.3	57
1143463	0.25	275	0.8	0.004	13	0.052	11.2	0.025	0.8	1.2	0.25	9	0.1	0.9	0.018	0.1	0.7	33	0.2	50
1143464	0.23	232	0.8	0.004	9.5	0.044	9.6	0.025	0.8	0.9	0.25	8	0.1	0.7	0.021	0.1	0.6	30	0.2	38
1143465	0.28	269	0.9	0.004	23.5	0.054	25.8	0.025	3.1	1.5	0.8	11	0.1	4	0.026	0.2	1.2	28	0.3	92
1143466	0.4	308	0.7	0.004	25.4	0.058	10.6	0.025	1.6	1.9	0.9	12	0.1	5.9	0.032	0.2	0.9	26	0.2	76
1143467	0.07	716	1.1	0.004	26	0.052	80.3	0.025	5.5	1.4	0.7	6	0.1	7	0.01	0.4	1.2	22	0.2	147
1143468	0.21	336	0.8	0.004	18.5	0.055	23.6	0.025	3.3	1.3	0.8	9	0.1	2.9	0.018	0.3	0.8	30	0.3	62
1143469	0.22	229	0.9	0.004	18.1	0.053	48	0.025	5.1	1.3	0.5	13	0.1	1.9	0.02	0.3	0.8	34	0.4	64
1143470	0.27	272	0.7	0.004	16.1	0.056	107.2	0.025	1.9	1.5	0.25	11	0.1	3.2	0.021	0.1	0.9	28	0.2	85
1143471	0.14	167	1.2	0.004	11.2	0.041	364	0.025	5.1	0.7	0.7	10	0.1	1.1	0.013	0.1	0.9	30	0.2	128
1143472	0.21	204	0.8	0.003	9.8	0.034	22.1	0.025	0.8	1	0.8	7	0.1	1.6	0.018	0.05	0.6	28	0.2	42
1143473	0.21	193	1	0.004	22	0.042	20.9	0.025	1.2	1.1	0.25	12	0.1	5.8	0.015	0.05	1.1	28	0.2	53
1143474	0.27	336	0.8	0.004	18.4	0.064	14.9	0.025	1.1	1.2	0.25	11	0.1	3.7	0.023	0.05	0.8	30	0.3	56
1143475	0.27	504	0.8	0.004	13.6	0.053	15.9	0.025	0.9	0.9	0.8	9	0.1	2.2	0.014	0.05	0.8	27	0.2	45
1143477	0.35	344	1	0.004	24.9	0.056	13.7	0.025	0.9	2	0.7	10	0.1	4.9	0.022	0.05	1.4	31	0.2	58
1143478	0.31	240	0.8	0.003	15.5	0.053	9.4	0.025	0.6	1.4	0.9	10	0.1	2.3	0.035	0.05	0.8	30	0.2	50
1143481	0.3	384	0.7	0.005	24.2	0.087	10.5	0.025	0.9	1.5	0.6	12	0.1	5.3	0.031	0.05	0.7	28	0.3	61
1143486	0.38	172	1.1	0.01	14.3	0.042	11.1	0.025	0.8	1.5	0.6	11	0.1	2.6	0.021	0.2	1.1	36	0.1	55
1143487	0.3	198	0.7	0.005	15.5	0.042	8.8	0.025	0.7	1.5	0.25	10	0.1	2.7	0.023	0.05	0.6	30	0.1	48
1143488	0.42	220	1.1	0.007	22.3	0.045	28.3	0.025	2.1	1.9	0.25	14	0.1	5	0.031	0.1	1.1	35	0.2	72
1143489	0.31	140	0.8	0.005	15.6	0.05	10.2	0.025	1.1	1.5	0.25	11	0.1	2.9	0.021	0.2	0.8	29	0.2	52
1143490	0.41	188	1	0.005	17.8	0.05	15.2	0.025	1.5	1.4	0.25	15	0.1	4.6	0.023	0.2	1.2	28	0.2	55
1143491	0.38	263	1.1	0.008	25	0.04	18.5	0.025	1.5	1.5	0.25	16	0.1	5.1	0.022	0.05	1.6	28	0.2	74
1143492	0.45	268	0.9	0.009	24.4	0.054	14.1	0.09	0.9	1.4	0.25	23	0.1	11.3	0.018	0.05	2	23	0.05	61
1143494	0.34	182	0.9	0.006	23.9	0.051	14.4	0.025	0.7	1.2	0.25	13	0.1	1.9	0.02	0.05	1.2	35	0.1	58
1143495	0.4	261	0.9	0.006	22.5	0.052	12.8	0.025	1.2	1.8	0.25	14	0.1	3.7	0.034	0.05	0.9	38	0.2	65
1143496	0.38	192	1	0.006	21.3	0.048	12.7	0.025	1.6	1.4	0.25	13	0.1	3.3	0.024	0.05	1.2	34	0.1	59
1143497	0.31	284	1.1	0.006	23.5	0.055	13.6	0.025	1.9	1.5	0.25	11	0.1	2	0.015	0.1	1.3	35	0.1	56
1143498	0.25	243	1.3	0.004	14.7	0.042	14.4	0.025	1	1.3	0.25	7	0.1	1.5	0.022	0.1	0.7	49	0.2	51
1143499	0.29	323	1.2	0.005	17	0.044	14.1	0.025	0.9	1.5	0.25	9	0.1	2.4	0.029	0.05	0.9	46	0.3	54
1143500	0.32	339	0.9	0.005	18	0.034	14.8	0.025	0.8	1.5	0.25	7	0.1	2.5	0.023	0.05	0.6	38	0.2	56
1143501	0.43	962	0.9	0.007	27.1	0.067	537	0.025	1.9	2.3	0.8	20	0.1	5.1	0.02	0.4	1.5	34	0.4	1256
1143502	0.26	575	0.8	0.004	16.5	0.049	93.5	0.025	0.7	1.1	0.5	12	0.1	1.9	0.013	0.2	0.7	28	0.3	409
1143503	0.45	619	0.7	0.007	25.5	0.067	50.9	0.06	0.6	1.5	0.25	27	0.1	4.1	0.017	0.5	0.8	29	0.4	265
1143504	0.63	743	1	0.008	36.4	0.082	64.9	0.025	0.7	2.7	0.6	27	0.1	5.4	0.021	0.6	1.4	37	0.3	358
1143505	0.59	1033	1	0.013	43.1	0.076	49.6	0.025	0.6	2.5	0.25	57	0.1	9.8	0.024	0.5	1.7	27	0.2	253
1143506	0.67	953	0.9	0.012	41.9	0.067	51.3	0.025	0.8	3.5	0.25	45	0.1	6.4	0.038	0.7	1.7	35	0.5	553
1143507	0.42	467	0.6	0.009	29.9	0.067	30.6	0.025	0.5	1.8	0.25	32	0.1	8.5	0.019	0.4	1.1	26	0.4	266
1143508	0.5	582	0.5	0.009	35.3	0.066	32.4	0.025	0.5	2.4	0.25	35	0.1	9	0.028	0.5	1.5	27	0.4	361
1143509	0.55	510	0.6	0.006	30.3	0.061	29.9	0.025	0.5	2.3	0.25	30	0.1	8.3	0.029	0.5	1.3	25	0.4	234
1143510	0.48	669	0.8	0.006	28	0.065	28.7	0.025	0.5	1.8	0.5	23	0.1	4	0.019	0.4	1	31	0.4	219
1143511	0.74	729	0.7	0.009	34.4	0.068	28.7	0.025	0.6	2.6	0.25	39	0.1	5.1	0.034	0.6	1.8	38	0.4	349
1143512	0.33	356	0.8	0.004	16.4	0.049	42.4	0.025	0.5	1.3	0.5	10	0.1	2.6	0.015	0.2	0.7	29	0.3	98

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1143513	413770	7074291	8N	0.2	0.94	199	8.5	0.5	114	0.5	0.22	0.6	7.1	20	15.5	2.2	4	0.02	0.06	14
1143551	413058	7072900	8N	1.8	1.2	180.6	22.3	0.5	158	0.6	0.15	0.6	12.3	16	26.2	2.86	3	0.04	0.08	37
1143552	413076	7072858	8N	4.1	1.14	148.1	36.6	0.5	147	0.3	0.16	0.7	9.5	16	26.3	2.7	3	0.05	0.08	34
1143553	413098	7072812	8N	7.9	0.81	238.4	34	1	89	0.2	0.15	3.1	7.3	12	15.7	1.81	2	0.03	0.06	26
1143554	413117	7072764	8N	17.9	1.07	162.4	86.3	2	121	0.2	0.16	2.5	7.7	19	22.3	2.39	3	0.05	0.06	23
1143555	413135	7072718	8N	5.7	1.08	133.2	42.2	0.5	94	0.3	0.13	0.8	9.5	16	22.9	2.47	3	0.03	0.05	33
1143556	413154	7072671	8N	1.3	1.29	130.4	24.7	3	114	0.3	0.12	0.5	10.9	18	26.9	2.75	3	0.04	0.06	31
1143557	413175	7072625	8N	3.1	1.41	189.5	27.7	0.5	114	0.3	0.11	0.3	9	19	25.2	2.62	4	0.04	0.05	32
1143558	413192	7072580	8N	0.4	1.31	51.3	34	2	122	0.3	0.14	0.1	9.6	21	21.7	2.63	4	0.04	0.05	28
1143559	413214	7072533	8N	0.8	1.32	65.8	10	2	192	0.3	0.12	0.3	7.8	21	16.9	2.48	5	0.05	0.05	19
1143560	413231	7072486	8N	1	0.97	159.8	37.3	2	80	0.4	0.21	0.3	12.6	13	29.9	3.12	3	0.03	0.06	43
1143561	413252	7072442	8N	3	1.22	85.4	13.3	1	192	0.4	0.25	0.2	9.6	15	24.7	3.18	3	0.05	0.06	35
1143562	413034	7072945	8N	4.4	1.03	353.1	49.8	1	78	1.3	0.18	1.1	15.9	10	31.1	2.72	2	0.03	0.09	50
1143563	413015	7072991	8N	0.8	1.65	74.7	11.9	0.5	141	0.3	0.11	0.2	10.2	26	22.8	3.03	5	0.04	0.07	26
1143564	412997	7073038	8N	0.7	0.99	131.9	53	1	157	0.4	0.21	0.3	12.9	13	31.3	2.8	2	0.02	0.05	38
1143565	412965	7073079	8N	0.3	1.05	69.5	9.3	1	173	0.2	0.31	0.2	9.4	19	25.2	2.52	3	0.04	0.07	30
1143566	412956	7073129	8N	1.4	1.63	152.3	14.3	2	203	0.4	0.29	0.2	10.8	22	25.8	2.92	5	0.05	0.08	29
1143567	412939	7073176	8N	0.4	1.11	49.8	9.6	1	130	0.2	0.14	0.1	14.3	17	25.4	2.46	3	0.09	0.09	23
1143568	412920	7073222	8N	1.2	1.18	67	17.9	2	189	0.3	0.19	0.5	7.5	17	20.8	2.31	4	0.08	0.1	28
1143569	412901	7073268	8N	0.2	0.92	86.1	4.4	2	72	0.1	0.1	0.1	5.7	15	14.7	2.24	3	0.07	0.07	28
1143570	412880	7073316	8N	0.9	0.96	267.6	64.6	1	109	0.4	0.19	0.2	16.2	12	30.3	2.63	2	0.03	0.1	40
1143571	412859	7073359	8N	0.3	1.19	44.3	15.3	1	86	0.4	0.3	0.1	15.2	20	37	2.75	3	0.05	0.11	47
1143572	412838	7073406	8N	0.4	0.94	111.8	39	1	121	0.3	0.28	0.3	15.1	18	33.3	2.95	3	0.04	0.07	34
1143573	412824	7073454	8N	0.2	1.06	33.7	8.9	1	205	0.2	0.19	0.3	9.6	18	24.4	2.27	3	0.05	0.07	28
1143601	413743	7073844	8N	0.3	1.35	90.8	6.8	2	157	0.6	0.23	1.6	13.5	26	36.9	2.5	4	0.02	0.11	20
1143602	413879	7073521	8N	1.3	1.35	112.1	4.9	0.5	230	0.8	0.16	3.1	10.9	25	36.9	2.96	5	0.06	0.06	21
1143603	413860	7073566	8N	2.6	1.27	132.3	9.7	0.5	106	1.2	0.07	6.6	11.3	18	78.6	2.76	4	0.06	0.05	16
1143604	413841	7073613	8N	1	1.24	65.2	9.7	1	116	0.7	0.07	3.6	10.1	22	33.3	2.59	4	0.12	0.04	12
1143605	413820	7073659	8N	0.6	1.69	280.9	12.7	1	180	1.7	0.11	5.1	21.8	25	62.9	3.49	5	0.02	0.14	27
1143606	413801	7073705	8N	0.9	1.28	69	8.3	1	112	1.7	0.17	2.4	9.3	19	46.6	2.46	4	0.03	0.08	31
1143607	413782	7073752	8N	0.5	1.32	84.1	6.3	0.5	119	0.6	0.16	2.4	7	21	37.5	2.4	4	0.02	0.06	18
1143608	413762	7073798	8N	0.4	1.27	61.7	6.4	2	125	0.5	0.18	1.9	8.7	22	30.9	2.37	4	0.03	0.07	16
1143609	413723	7073889	8N	0.2	1.78	92.9	5.9	0.5	139	0.8	0.19	1.6	18.1	34	46.8	3.57	6	0.03	0.13	42
1143610	413703	7073936	8N	0.2	1.55	140.1	8.1	1	90	0.8	0.14	0.8	24.8	24	55.1	3.28	5	0.02	0.08	36
1143611	413684	7073982	8N	0.3	1.9	115.2	5.6	1	213	0.9	0.39	1.5	20.6	27	62.3	3.31	6	0.05	0.09	49
1143612	413665	7074028	8N	0.2	1.64	132.5	7.2	1	99	0.8	0.17	0.8	13.9	28	45	3.46	5	0.02	0.09	29
1143613	413646	7074074	8N	0.2	1.62	109.1	7.2	0.5	96	0.7	0.14	0.6	16	27	41.8	3.06	5	0.01	0.08	34
1143614	413626	7074120	8N	0.3	1.56	115.2	17.6	0.5	105	0.8	0.15	0.7	14.5	26	41.2	2.96	5	0.03	0.07	31
1143615	413605	7074165	8N	0.3	1.91	108.1	7.8	0.5	140	0.8	0.15	0.5	12	29	41.5	3.16	6	0.03	0.07	33
1143616	413586	7074213	8N	0.1	1.46	83.8	5.1	0.5	126	0.6	0.17	0.6	10.2	25	34.6	2.67	5	0.03	0.06	29
1143651	414082	7072793	8N	0.2	1.4	44.3	5.3	1	146	0.9	0.12	3.3	6.3	22	62.8	1.85	4	0.04	0.07	21
1143652	414061	7072838	8N	0.2	2	78.2	15.4	1	233	1.4	0.2	6.6	13.8	30	114.5	2.69	6	0.03	0.22	17
1143653	414042	7072885	8N	0.3	1.69	90.8	17.2	1	185	1.7	0.11	3.3	9.4	26	92.4	2.7	5	0.03	0.11	20
1143654	414022	7072931	8N	0.2	1.46	61.1	11.6	1	122	1.3	0.08	2.5	6.2	22	52.6	2.47	4	0.04	0.09	16
1143655	414003	7072976	8N	0.2	1.35	49	37.5	1	138	1.3	0.09	3.3	9.4	24	52.5	2.45	4	0.07	0.07	12
1143656	413983	7073023	8N	0.3	1.53	82.4	5.2	1	144	1.2	0.11	5.6	9.6	25	93.3	2.61	5	0.04	0.07	12

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1143513	0.32	517	0.8	0.004	17.4	0.057	48.4	0.025	0.7	1.3	0.25	14	0.1	2.8	0.017	0.1	0.7	32	0.4	117
1143551	0.37	653	0.5	0.004	29.1	0.048	58	0.025	1.7	1.7	0.25	14	0.1	9.9	0.012	0.1	1.2	22	0.2	113
1143552	0.37	535	0.6	0.005	24.1	0.065	113	0.025	2	1.5	0.5	14	0.1	8.1	0.011	0.2	1.2	23	0.3	120
1143553	0.3	865	0.6	0.005	18.1	0.049	110	0.025	2.8	1.5	0.7	13	0.1	10	0.016	0.1	1	19	0.2	257
1143554	0.33	592	0.7	0.005	19.4	0.066	207	0.025	3.2	1.7	0.5	14	0.1	3.5	0.025	0.1	1.1	33	0.4	274
1143555	0.39	677	0.4	0.003	23.3	0.049	87.8	0.025	2.5	1.4	0.6	10	0.1	9.2	0.011	0.2	0.9	20	0.2	178
1143556	0.43	455	0.6	0.004	24.7	0.051	47.2	0.025	1.9	1.4	0.25	11	0.1	7.4	0.012	0.1	1.1	24	0.1	87
1143557	0.45	431	0.5	0.007	23	0.053	94	0.025	2.4	1.5	0.25	11	0.1	5.8	0.008	0.2	1.1	24	0.1	105
1143558	0.43	443	0.8	0.004	21.9	0.055	22.7	0.025	1.1	1.6	0.6	12	0.1	3.6	0.018	0.2	1.1	31	0.2	71
1143559	0.31	813	1	0.005	16.2	0.063	23.7	0.025	1.2	1.4	0.5	12	0.1	1.2	0.013	0.2	1.1	37	0.2	61
1143560	0.33	709	0.6	0.004	33	0.057	39.5	0.025	2	1.9	0.6	15	0.1	14.5	0.01	0.1	1.6	16	0.1	91
1143561	0.27	907	0.7	0.006	21.3	0.072	47	0.025	1.7	1.7	0.7	15	0.1	4.4	0.007	0.2	1.5	25	0.1	87
1143562	0.36	1596	0.5	0.003	34.5	0.051	118.7	0.025	2.5	1.6	0.8	11	0.1	18	0.004	0.4	1.2	11	0.05	165
1143563	0.45	596	0.8	0.005	21.8	0.067	27	0.025	1.3	1.7	0.25	11	0.1	2.1	0.015	0.2	1.3	39	0.2	71
1143564	0.3	587	0.5	0.004	36.9	0.051	29.8	0.025	1.3	1.7	0.25	12	0.1	7.5	0.011	0.1	1.8	17	0.1	77
1143565	0.4	399	0.9	0.008	31	0.077	16.8	0.025	1.2	2.3	0.25	21	0.1	8.5	0.031	0.05	1.1	32	0.5	74
1143566	0.43	858	0.9	0.007	26.3	0.071	38.3	0.025	2.7	1.6	0.25	17	0.1	3	0.011	0.2	1.4	34	0.2	92
1143567	0.29	787	0.8	0.005	18.6	0.082	31.3	0.025	0.9	1	1	13	0.1	2.7	0.011	0.2	1	30	0.4	58
1143568	0.31	443	0.6	0.005	18.5	0.061	31.9	0.025	1	1.3	0.25	19	0.1	3.8	0.012	0.2	1.2	28	0.4	85
1143569	0.25	457	0.7	0.004	14.1	0.044	25.2	0.025	0.8	0.9	0.25	10	0.1	4	0.012	0.2	0.6	26	0.3	51
1143570	0.31	2103	1	0.004	29.3	0.052	31.1	0.025	2.4	1.6	0.6	19	0.1	17.8	0.007	0.3	2.2	15	0.3	59
1143571	0.44	627	1.4	0.005	34.5	0.058	40.9	0.025	0.9	1.4	0.25	21	0.1	15.7	0.005	0.1	2.4	15	0.2	67
1143572	0.33	739	0.7	0.005	34.7	0.063	31.9	0.025	1.4	1.7	0.25	19	0.1	13.7	0.01	0.2	1.7	24	0.5	78
1143573	0.39	432	0.7	0.006	28.5	0.054	17.4	0.025	0.5	2.6	0.25	15	0.1	7.3	0.028	0.1	1.6	28	0.2	73
1143601	0.48	287	0.6	0.007	33.3	0.064	14.9	0.025	0.5	1.8	0.9	60	0.1	6.7	0.019	0.5	1.3	29	0.2	178
1143602	0.44	617	1.1	0.005	24.8	0.073	60.5	0.025	0.6	1.4	0.7	18	0.1	2.6	0.012	0.3	1.2	34	0.3	295
1143603	0.33	2219	1	0.003	25.9	0.043	347	0.025	1.2	2	0.8	8	0.1	6.9	0.014	0.3	1.5	27	0.3	980
1143604	0.24	1454	1.3	0.004	18.5	0.068	43.4	0.06	0.9	1.2	0.8	7	0.1	1.5	0.015	0.2	0.9	38	0.2	359
1143605	0.57	789	0.8	0.007	40.1	0.047	56.3	0.025	1.2	2.3	0.9	25	0.1	9.8	0.021	0.5	1.7	30	0.3	373
1143606	0.44	317	0.5	0.003	20.3	0.047	41.1	0.025	0.8	1.6	0.6	15	0.1	9.7	0.008	0.4	1.5	21	0.2	449
1143607	0.41	317	0.7	0.004	21.8	0.059	49.2	0.025	0.7	1.8	0.6	14	0.1	5.7	0.016	0.4	1	27	0.3	368
1143608	0.4	415	0.7	0.005	20.5	0.063	28.5	0.025	0.6	1.8	0.25	16	0.1	4	0.021	0.3	0.8	30	0.3	248
1143609	0.7	370	1.3	0.011	43.1	0.075	22.2	0.025	0.5	1.9	0.25	43	0.1	15.4	0.02	0.4	2.6	29	0.1	184
1143610	0.6	382	0.8	0.008	38.5	0.061	22.7	0.025	0.5	1.6	0.25	58	0.1	12.9	0.012	0.3	2	24	0.2	154
1143611	0.65	413	0.8	0.013	35.5	0.085	27.6	0.08	0.5	1.6	0.25	87	0.1	5.8	0.011	0.4	2.9	29	0.1	178
1143612	0.67	326	0.8	0.007	33.9	0.061	17.4	0.025	0.5	1.6	0.6	40	0.1	12.7	0.009	0.4	1.8	26	0.2	147
1143613	0.63	379	0.6	0.006	32.4	0.06	17.5	0.025	0.5	1.8	0.25	32	0.1	11.4	0.018	0.3	2	30	0.2	137
1143614	0.56	389	0.7	0.007	29.8	0.069	18.4	0.025	0.5	1.4	0.25	33	0.1	5.2	0.013	0.3	2.1	31	0.4	126
1143615	0.62	301	0.8	0.008	31.2	0.066	19.7	0.025	0.5	1.7	0.25	39	0.1	4.2	0.015	0.3	2.3	38	0.2	126
1143616	0.5	307	0.7	0.007	26	0.061	17.6	0.025	0.5	1.6	0.25	32	0.1	4.1	0.017	0.3	1.8	33	0.3	129
1143651	0.37	147	0.7	0.001	18.9	0.053	10.2	0.025	0.6	1.9	0.25	13	0.1	3.2	0.033	0.4	1.3	35	1.3	306
1143652	0.81	495	0.8	0.011	33.6	0.074	8.5	0.025	0.6	2.3	0.25	24	0.1	6.1	0.05	0.9	1	49	2.7	957
1143653	0.4	438	0.9	0.002	23.2	0.052	8	0.025	0.6	2.4	0.25	13	0.1	4.3	0.04	0.7	1.3	37	3	596
1143654	0.34	307	0.8	0.0005	18.5	0.054	8.2	0.025	0.6	1.7	0.25	10	0.1	2.8	0.029	0.6	1	33	2.8	442
1143655	0.31	473	0.9	0.005	22.2	0.055	8.7	0.025	0.6	1.6	0.25	9	0.1	3.5	0.03	0.6	0.9	34	3.7	536
1143656	0.37	418	1.1	0.005	21.4	0.06	9.6	0.025	0.6	1.7	0.25	15	0.1	2.5	0.03	0.4	1.1	36	2.4	875

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1143657	413964	7073070	8N	0.6	1.75	123.5	55.3	3	241	1.5	0.21	15.1	12.5	29	113.8	2.96	5	0.11	0.13	22
1143658	413944	7073115	8N	0.6	1.55	223.5	32.9	2	93	1.5	0.18	10.7	8.1	27	125.4	3.24	5	0.05	0.22	22
1143659	413923	7073162	8N	0.2	1.33	127.5	5.1	2	142	0.6	0.25	1.6	10.4	21	42.1	2.35	4	0.03	0.07	15
1143660	413906	7073208	8N	0.1	1.34	132.2	5.1	0.5	160	0.8	0.23	1.6	9.6	22	37.8	2.45	4	0.03	0.1	14
1143661	413886	7073255	8N	0.2	1.6	199.2	27.7	2	165	1.1	0.19	1.2	13.6	34	43.3	2.81	5	0.03	0.14	12
1143662	413866	7073300	8N	0.3	1.56	122.1	3.1	0.5	128	0.5	0.35	7.3	17.1	25	52.9	2.46	4	0.02	0.12	13
1143663	413845	7073347	8N	0.3	1.28	136.3	10.2	1	127	0.7	0.18	2.2	8.9	19	31.6	2.31	4	0.02	0.08	20
1143664	413824	7073392	8N	0.7	1.4	200	8.1	0.5	126	1.4	0.13	5.7	34.8	22	64.7	3.07	4	0.03	0.1	36
1143665	413807	7073437	8N	0.05	1.24	86.7	6.7	2	84	0.4	0.11	1	6	21	17.8	2.1	4	0.04	0.05	16
1143666	413786	7073484	8N	0.4	0.99	80.9	6.6	0.5	122	0.4	0.17	1.5	7	20	22.5	2.12	3	0.06	0.06	18
1143667	413768	7073531	8N	0.2	1	51.3	6.3	1	127	0.3	0.18	0.4	8.4	22	20.4	2.17	3	0.03	0.07	19
1143668	413748	7073576	8N	0.3	1.16	74.8	5.3	0.5	112	0.4	0.11	0.6	7	20	24.7	2.28	4	0.03	0.06	17
1143669	413728	7073622	8N	0.8	1.53	80.1	4.7	0.5	213	0.8	0.21	4.6	8.8	26	41.8	2.52	5	0.04	0.09	21
1143670	413709	7073669	8N	0.2	0.74	45.5	3.4	0.5	56	0.4	0.05	0.2	2.2	22	10.5	1.12	5	0.06	0.04	14
1143671	413689	7073715	8N	0.4	1.14	134.5	6.9	2	123	0.8	0.18	1	5.5	18	34.7	2.13	5	0.03	0.07	26
1143672	413670	7073758	8N	0.6	2.13	123.9	9.9	1	170	0.7	0.37	1.7	14	25	51	3	6	0.05	0.14	36
1143673	413651	7073805	8N	0.4	1.64	87.5	3.1	1	122	0.6	0.11	0.7	9.9	27	37.6	2.96	5	0.04	0.12	27
1143674	413631	7073851	8N	0.3	1.93	94.8	3.4	0.5	168	0.6	0.18	1	17.7	28	43.4	3.33	6	0.02	0.19	30
1143675	413612	7073898	8N	0.3	1.56	58.5	4	0.5	126	0.6	0.12	0.6	7.4	38	37.2	2.64	5	0.04	0.1	23
1143676	413592	7073943	8N	0.3	1.45	45.8	5.2	1	81	0.6	0.09	0.4	6	39	41.9	3.45	5	0.02	0.11	31
1143677	413571	7073989	8N	0.3	1.56	67.5	8.8	1	66	0.6	0.1	0.3	8.3	27	31.9	3.04	5	0.04	0.07	24
1143678	413554	7074035	8N	0.1	1.38	113.6	21.8	1	84	0.5	0.09	0.4	8.8	26	30.4	2.92	4	0.03	0.07	23
1143679	413533	7074080	8N	0.2	1.19	52.4	12.2	1	101	0.4	0.12	0.3	11.8	20	32.4	2.66	4	0.03	0.09	25
1143680	413514	7074127	8N	0.1	1.17	54.3	12.6	1	84	0.4	0.13	0.3	10.8	20	26.1	2.54	4	0.04	0.05	22
1143682	413495	7074174	8N	0.2	1.14	43.9	5.8	1	92	0.5	0.12	0.2	10.3	19	31.5	2.86	4	0.04	0.06	26
1143687	414266	7072871	8N	0.6	1.72	267.3	11.1	2	195	2.6	0.23	12.4	11.8	25	88.3	2.62	5	0.06	0.14	24
1143688	414245	7072919	8N	0.5	1.34	199.9	24.8	3	136	2.3	0.21	6.9	12.5	24	76.5	2.67	5	0.07	0.1	28
1143689	414226	7072964	8N	0.4	1.19	90.1	11.6	0.5	122	1	0.2	4.1	7.5	22	68.3	2.53	4	0.04	0.08	23
1143690	414206	7073009	8N	0.4	1.59	156.6	18.5	2	126	1.5	0.15	3.7	7.6	25	97.3	2.63	5	0.05	0.1	24
1143691	414186	7073056	8N	0.4	1.68	195.9	8.4	2	174	2.6	0.19	10.6	9.4	24	98.8	2.58	5	0.07	0.1	21
1143692	414168	7073102	8N	0.4	1.85	232.8	10.7	3	188	2.9	0.21	10.1	8.7	29	118.8	2.73	6	0.03	0.13	25
1143693	414148	7073149	8N	0.5	2.17	291.8	8.7	4	210	3.3	0.18	7.7	11.2	42	148.1	3.44	7	0.04	0.24	27
1143694	414129	7073193	8N	0.2	1.54	115.5	5	0.5	160	0.4	0.16	0.8	8.5	24	42.8	2.38	4	0.01	0.07	18
1143695	414108	7073241	8N	0.3	1.47	261	10.1	0.5	150	2.2	0.24	4.7	11.2	28	72.6	2.49	4	0.06	0.12	19
1143696	414089	7073286	8N	0.3	1.42	281.4	7.3	1	151	4.4	0.27	5.6	8.8	22	91.4	2.67	5	0.03	0.13	19
1143697	414069	7073332	8N	0.5	1.52	281.2	15.9	0.5	170	1.1	0.21	2.3	8.8	28	61	2.25	5	0.03	0.08	20
1143698	414050	7073379	8N	0.5	2.18	496.8	18.8	0.5	218	1.6	0.2	2.1	11.9	36	74.7	3.15	7	0.06	0.19	20
1143699	414029	7073425	8N	0.4	1.76	462.1	33.7	2	190	1.4	0.17	1.6	9.7	38	76.5	2.61	6	0.05	0.12	18
1143700	414010	7073470	8N	0.1	1.32	61.2	7.4	0.5	74	0.6	0.07	0.3	5.6	23	19.1	2.29	5	0.07	0.05	14
1143701	414275	7080933	8N	0.05	0.93	10.3	4.5	1	51	0.2	0.05	0.05	3.9	16	13.3	1.72	4	0.03	0.03	14
1143702	414278	7080983	8N	0.2	1.7	31.2	1.1	0.5	136	0.3	0.1	0.3	16.3	32	39.6	3.55	5	0.005	0.26	30
1143703	414281	7081034	8N	0.5	1.62	533.6	23.2	3	157	0.4	0.12	1.3	20.5	27	42.2	4.42	5	0.005	0.08	51
1143704	414280	7081084	8N	0.9	1.4	120.9	13.1	6	90	0.3	0.07	0.2	9.8	22	18.6	2.87	4	0.06	0.05	20
1143705	414286	7081135	8N	0.05	1.3	13	1.8	2	125	0.2	0.11	0.3	11	21	22.8	2.45	3	0.03	0.04	16
1143706	414314	7081176	8N	0.4	1.27	630.8	3.4	1	65	0.4	0.07	0.2	10.8	23	35.1	3.23	4	0.04	0.04	20
1143707	414343	7081220	8N	0.8	1.14	41.1	1.9	1	63	0.4	0.13	0.4	32.2	19	63.9	3.54	3	0.03	0.05	28

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1143657	0.39	682	1	0.004	26.5	0.076	16.9	0.025	0.6	2.5	0.25	22	0.1	5.1	0.045	0.7	1.6	43	4.1	1306
1143658	0.41	336	1	0.038	20.1	0.055	25.6	0.19	0.5	2.4	0.7	77	0.1	14.5	0.052	0.6	2.3	32	1.8	1019
1143659	0.36	392	0.7	0.009	22.5	0.059	9.8	0.025	0.5	1.5	0.25	27	0.1	3.3	0.02	0.3	1.1	29	0.5	178
1143660	0.39	281	0.9	0.008	24	0.045	10	0.025	0.5	1.4	0.25	28	0.1	3.9	0.021	0.4	0.9	31	0.4	179
1143661	0.46	392	0.9	0.01	32.5	0.047	10.6	0.025	0.5	1.9	0.25	28	0.1	6	0.032	0.5	0.9	36	0.6	195
1143662	0.37	794	0.9	0.011	39.6	0.055	10.2	0.025	0.5	2.1	0.25	49	0.1	7	0.015	0.6	1.2	30	0.3	357
1143663	0.37	437	0.6	0.008	24.5	0.048	18.2	0.025	0.4	1.8	0.25	28	0.1	3.5	0.028	0.3	1.1	27	0.3	275
1143664	0.45	1058	0.8	0.004	45.1	0.049	134.2	0.025	0.6	1.7	0.25	23	0.1	10.3	0.019	0.5	1.7	22	0.3	744
1143665	0.22	203	0.7	0.0005	15.6	0.038	22.2	0.025	0.5	1.6	0.25	14	0.1	2.4	0.02	0.2	0.8	32	0.2	133
1143666	0.29	806	0.8	0.0005	19.6	0.063	28.7	0.025	0.7	1.5	0.25	16	0.1	2.2	0.022	0.2	1.1	32	0.6	242
1143667	0.32	930	0.8	0.001	22.3	0.046	16.6	0.025	0.6	1.8	0.25	15	0.1	6.1	0.029	0.2	0.8	30	0.5	103
1143668	0.33	459	0.9	0.0005	18.2	0.052	26.6	0.025	0.7	1.8	0.25	12	0.1	3.5	0.024	0.2	1	33	0.3	121
1143669	0.48	498	0.8	0.002	24.3	0.08	44.4	0.06	0.5	1.7	0.25	27	0.1	2.7	0.017	0.5	1.4	31	0.3	288
1143670	0.11	60	1	0.0005	10.4	0.035	13.9	0.025	0.3	0.9	0.25	8	0.1	0.9	0.03	0.2	0.7	32	0.2	25
1143671	0.3	184	0.8	0.002	20.7	0.053	15.2	0.025	0.5	1.1	0.25	21	0.1	2	0.019	0.3	1.3	28	0.2	110
1143672	0.51	475	0.8	0.006	38.5	0.098	19.4	0.06	0.5	1.8	0.25	100	0.1	4.8	0.016	0.7	2.4	25	0.2	171
1143673	0.49	321	0.9	0.004	28.6	0.055	18.2	0.025	0.6	1.9	0.7	41	0.1	6.1	0.032	0.5	1.5	32	0.3	142
1143674	0.62	506	0.7	0.005	40.7	0.057	18.7	0.025	0.5	2.5	0.25	70	0.1	11.2	0.037	0.7	1.7	31	0.2	167
1143675	0.42	267	1.2	0.011	29.4	0.064	20.9	0.08	0.6	1.6	0.25	37	0.1	4.7	0.016	0.4	1.7	33	0.2	106
1143676	0.42	218	1.2	0.005	24.4	0.047	33.7	0.07	0.7	1.7	0.25	38	0.1	10.4	0.028	0.4	1.8	27	0.1	75
1143677	0.4	303	1	0.003	22.3	0.065	20.2	0.05	0.6	1.5	0.25	19	0.1	3.4	0.029	0.2	1.4	35	0.2	85
1143678	0.38	264	0.9	0.001	26.9	0.057	17.7	0.025	0.7	1.6	0.25	19	0.1	5.8	0.029	0.2	1.2	35	0.4	85
1143679	0.37	295	0.9	0.003	28.6	0.064	16.6	0.05	0.5	1.7	0.25	31	0.1	5.4	0.033	0.2	1.6	32	0.6	74
1143680	0.38	356	1	0.001	24	0.066	18.3	0.025	0.6	1.4	0.25	20	0.1	4.3	0.025	0.1	1.4	33	0.5	73
1143682	0.41	315	0.8	0.004	25.4	0.056	23.7	0.025	0.5	1.4	0.25	29	0.1	9.9	0.023	0.1	1.6	26	0.4	76
1143687	0.41	579	1	0.01	25.9	0.066	11.6	0.07	0.8	2.5	1.5	22	0.1	4.1	0.039	0.6	1.3	37	2.4	1004
1143688	0.36	560	0.8	0.007	22.4	0.077	10.2	0.025	0.7	1.9	0.25	19	0.1	5.5	0.043	0.5	1.3	41	4	779
1143689	0.34	326	0.7	0.007	20.1	0.085	9.5	0.025	0.7	2	0.25	17	0.1	4.3	0.04	0.4	1.3	37	2.1	554
1143690	0.46	330	0.8	0.007	20.9	0.055	8.2	0.025	0.8	2.3	0.25	16	0.1	5.8	0.044	0.5	1.3	36	1.8	817
1143691	0.43	417	0.8	0.008	21.3	0.07	8.9	0.07	0.6	1.8	0.25	22	0.1	2.9	0.037	0.5	1	38	2.2	834
1143692	0.42	405	2	0.015	22	0.072	10.6	0.09	0.6	2.4	0.25	36	0.1	3.4	0.039	0.7	2.4	44	1.8	822
1143693	0.42	414	4.6	0.035	31	0.062	14.6	0.24	0.7	3.1	0.25	64	0.2	9.4	0.06	0.9	4.8	56	4.3	999
1143694	0.4	456	0.9	0.006	21.4	0.047	18.1	0.025	0.6	1.9	0.25	17	0.1	3.1	0.031	0.3	1.1	36	0.3	271
1143695	0.4	517	1	0.011	25.1	0.054	13.2	0.07	0.6	2.3	0.6	31	0.1	4.7	0.033	0.4	1.3	34	1.9	620
1143696	0.37	394	0.5	0.011	20.9	0.049	8.9	0.08	0.5	2.1	0.5	27	0.1	2.8	0.034	0.8	1	35	2.4	578
1143697	0.44	326	0.7	0.007	23.8	0.06	11.7	0.025	0.6	2.2	0.25	24	0.1	2.5	0.03	0.4	1.7	36	0.4	251
1143698	0.6	399	1	0.012	28.7	0.068	16.1	0.09	0.8	2.7	0.25	37	0.1	6.1	0.046	0.8	1.3	43	0.6	289
1143699	0.53	378	0.9	0.009	27.4	0.053	11.2	0.025	1	2.6	0.25	23	0.1	4.6	0.042	0.5	1.2	43	1.2	314
1143700	0.23	204	1.1	0.006	14.7	0.044	14.6	0.05	0.5	1.5	0.9	9	0.1	2.6	0.03	0.3	0.5	46	0.3	83
1143701	0.24	128	0.7	0.004	10.7	0.036	11.2	0.025	0.7	0.9	0.25	8	0.1	0.8	0.018	0.1	0.7	29	0.1	36
1143702	0.75	323	0.9	0.008	38.9	0.051	15.8	0.06	2.2	3	0.5	18	0.1	8.3	0.048	0.7	1.2	35	0.05	111
1143703	0.87	650	0.7	0.004	41.8	0.043	48.8	0.025	9.2	2.6	0.25	25	0.1	16.5	0.006	0.3	1.7	18	0.05	130
1143704	0.32	320	1.2	0.008	20.9	0.041	17.9	0.025	2.3	2.2	0.6	14	0.1	2.7	0.034	0.1	0.9	43	0.2	61
1143705	0.42	343	1	0.007	23.9	0.041	10.5	0.025	0.8	2	0.6	13	0.1	3.2	0.026	0.05	0.8	35	0.1	59
1143706	0.34	323	1.4	0.011	24.9	0.045	32.1	0.025	1.4	1.6	1	18	0.1	2.5	0.024	0.05	1.4	36	0.2	72
1143707	0.4	428	1.2	0.012	51.3	0.075	22.4	0.025	1.5	1.9	0.9	22	0.1	10.8	0.028	0.05	2.8	30	0.2	93

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1143708	414357	7081272	8N	0.05	1.1	14.1	1.4	0.5	62	0.2	0.08	0.2	7.1	20	22	2.34	3	0.04	0.04	15
1143709	414345	7081323	8N	0.2	0.83	30.2	3.7	0.5	64	0.2	0.19	0.5	9.6	18	20.1	2.29	2	0.04	0.03	20
1143710	414327	7081373	8N	0.3	0.66	16.4	15.2	0.5	50	0.4	0.06	0.2	21.9	12	42.7	3.67	2	0.02	0.04	31
1143711	414323	7081425	8N	0.3	0.9	144.3	6.6	2	45	0.2	0.04	0.7	7.5	16	16.4	2.44	3	0.04	0.04	17
1143712	414305	7081475	8N	0.3	0.77	23.7	18.5	1	46	0.3	0.04	0.2	5.6	16	21	2.22	4	0.04	0.04	18
1143713	414307	7081528	8N	0.2	1.03	49.5	2.1	0.5	53	0.6	0.05	0.4	7.6	18	23.6	2.63	4	0.04	0.03	22
1143714	414301	7081578	8N	0.2	1.26	68.8	4.6	0.5	68	0.3	0.07	0.2	5.4	23	14.7	2.41	6	0.05	0.03	10
1143715	414300	7081629	8N	1.4	0.94	369	15.5	1	61	0.8	0.1	1.2	11.9	17	37.1	3.58	3	0.03	0.04	20
1143716	414313	7081681	8N	1.3	0.87	522.5	15.1	0.5	75	1.4	0.14	0.7	9.1	18	32.8	3.1	3	0.04	0.04	19
1143717	414308	7081732	8N	0.4	1.02	96.5	4.1	0.5	96	0.4	0.11	0.5	11.9	18	27.5	2.5	3	0.04	0.04	22
1143718	414305	7081782	8N	0.05	1.12	9.2	5.2	1	168	0.3	0.11	0.2	10.8	17	42.2	3.47	3	0.02	0.05	34
1143719	414298	7081833	8N	0.05	1.58	11.9	2.5	0.5	45	0.6	0.02	0.05	13.7	22	61.8	4.79	4	0.005	0.05	63
1143720	414302	7081883	8N	0.05	1.21	11	0.25	1	69	0.2	0.07	0.2	8.4	21	23.7	2.58	4	0.04	0.03	15
1143721	414284	7081932	8N	0.05	0.95	10	10.4	0.5	70	0.3	0.1	0.2	12.7	16	23.9	2.33	3	0.03	0.03	21
1143722	414261	7081978	8N	0.05	1.26	10.7	2.3	0.5	69	0.4	0.04	0.1	9.1	19	43.1	3.5	3	0.02	0.04	35
1143723	414239	7082023	8N	0.05	1.18	19.9	1.1	0.5	119	0.3	0.06	0.2	18.8	17	54.3	3.15	3	0.02	0.05	41
1143724	414214	7082068	8N	0.05	1.13	11.1	2.8	0.5	70	0.2	0.07	0.1	12.1	17	24.7	2.42	3	0.03	0.04	17
1143725	414189	7082114	8N	0.05	1.02	10.9	2.5	0.5	54	0.4	0.03	0.1	6.8	17	27.7	2.9	4	0.03	0.03	27
1143726	414165	7082160	8N	0.05	1.27	11	1.1	0.5	58	0.5	0.05	0.1	7.7	22	36.7	3.46	4	0.03	0.04	34
1143727	414142	7082206	8N	0.05	1.24	7.6	1.8	0.5	63	0.4	0.04	0.1	11.2	18	38.5	3.62	4	0.02	0.04	32
1143728	414118	7082251	8N	0.05	1.17	11	1.9	1	75	0.2	0.08	0.05	7.2	18	19.2	2.2	3	0.03	0.03	15
1143729	414096	7082295	8N	0.05	1.18	11.7	1.4	0.5	68	0.3	0.06	0.1	9.5	19	24.1	2.57	4	0.04	0.04	25
1143730	414071	7082339	8N	0.05	1.42	11.8	4.3	0.5	83	0.3	0.05	0.2	8.3	21	28.6	2.97	4	0.02	0.04	28
1143731	414071	7082339	8N	0.05	1.33	11	1.4	0.5	84	0.3	0.05	0.1	7.7	20	27.1	2.75	4	0.02	0.04	27
1143732	414048	7082381	8N	0.05	1.41	12	2.4	0.5	57	0.5	0.03	0.05	15.5	18	54.6	4.32	4	0.01	0.04	50
1143733	414539	7072988	8N	0.8	1.78	223.6	20.9	2	162	3.8	0.17	18.9	13.7	31	204.2	3.05	6	0.03	0.14	22
1143734	414522	7073036	8N	0.7	1.52	134.4	24.1	1	147	3.9	0.16	9.2	10.6	28	166.4	2.85	5	0.03	0.08	18
1143735	414502	7073080	8N	0.4	1.57	83.9	9.6	1	185	1.7	0.16	12.1	10.6	28	94.8	2.66	5	0.05	0.08	19
1143736	414482	7073127	8N	0.8	1.46	113.6	18.5	1	151	3.9	0.13	9.7	9.8	25	96.6	2.5	4	0.04	0.07	20
1143737	414463	7073173	8N	0.6	1.58	89.4	7.3	2	181	2.1	0.14	8	9.5	28	92.7	2.54	5	0.04	0.07	17
1143738	414443	7073220	8N	0.05	1.28	82.7	6.6	0.5	101	0.5	0.08	0.6	7.9	22	20.8	2.16	4	0.04	0.05	11
1143739	414423	7073265	8N	0.05	1.19	88.4	7.2	0.5	109	0.8	0.1	1	7.1	23	23.7	2.21	4	0.04	0.05	10
1143740	414403	7073313	8N	0.1	1.17	98.5	9.1	0.5	129	0.5	0.15	0.7	8.4	22	20.9	2.23	4	0.02	0.04	11
1143741	414383	7073358	8N	0.1	1.16	78	7	0.5	117	0.3	0.07	0.4	11.7	23	17.6	2.22	4	0.02	0.04	11
1143742	414365	7073404	8N	0.05	0.98	52.8	5.2	0.5	69	0.2	0.07	0.2	6	22	14.9	1.96	3	0.03	0.04	11
1143743	414346	7073451	8N	0.2	1.32	153.3	10.5	0.5	150	0.5	0.15	0.5	9.8	24	26.1	2.38	4	0.04	0.06	14
1143744	414327	7073494	8N	0.2	1.28	107.5	8.3	0.5	160	0.4	0.12	0.7	9.1	23	25.8	2.26	4	0.03	0.07	15
1143745	414307	7073541	8N	0.3	1.24	127.5	15.4	0.5	118	1	0.14	0.6	9.9	23	30.5	2.37	4	0.03	0.07	14
1143746	414289	7073584	8N	0.3	1.09	183.4	13.2	0.5	138	0.4	0.12	0.7	8.3	22	22.6	2.29	4	0.04	0.04	13
1143747	414268	7073632	8N	0.3	1.14	231.9	17.5	1	120	0.4	0.11	0.4	9.2	22	26.4	2.25	3	0.04	0.07	16
1143748	414247	7073679	8N	0.1	1.14	165.2	9.6	0.5	155	0.5	0.14	0.4	8.6	22	23.3	2.28	4	0.03	0.05	11
1143749	414229	7073724	8N	4.3	1.01	333.6	20.1	0.5	78	4.1	0.11	4.5	9.9	20	122.9	2.4	3	0.06	0.04	13
1143750	414211	7073772	8N	1.1	1.13	99.6	5.9	0.5	116	1.1	0.15	1.3	5.6	22	23.7	1.89	3	0.06	0.05	13
1143751	417105	7079954	8N	0.05	1.06	42	3.4	1	62	0.2	0.08	0.2	6.8	18	15.7	2.24	3	0.06	0.04	18
1143752	417078	7079910	8N	1.2	0.68	85.6	4.7	0.5	118	0.2	0.07	1.7	20.3	12	27.5	2.3	2	0.05	0.03	26
1143753	417060	7079863	8N	0.1	1.2	15.2	3.3	0.5	90	0.4	0.09	0.1	9.5	20	23.4	2.58	4	0.05	0.04	16

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1143708	0.28	246	0.8	0.006	17.9	0.053	12.6	0.025	0.6	1.4	1	10	0.1	1.4	0.021	0.05	1	36	0.2	50
1143709	0.29	320	0.7	0.005	21.4	0.072	20.8	0.025	1.5	1.6	0.25	15	0.1	6.2	0.033	0.05	0.9	31	0.4	62
1143710	0.21	420	1	0.005	46.9	0.04	20.8	0.025	4.6	1.6	0.25	16	0.1	11.6	0.005	0.05	2.4	16	0.3	108
1143711	0.2	260	0.8	0.003	17.7	0.034	37.2	0.025	1.8	1	1	8	0.1	1.7	0.018	0.1	0.9	31	0.2	64
1143712	0.15	183	1.3	0.004	13.9	0.064	23.3	0.06	0.8	0.6	0.8	7	0.1	0.7	0.014	0.1	1.2	37	0.1	54
1143713	0.23	206	1.3	0.004	17	0.056	26.4	0.025	1	0.8	0.25	8	0.1	1.5	0.015	0.1	1.2	41	0.3	65
1143714	0.23	200	1.5	0.005	13.8	0.057	19	0.025	0.7	0.9	0.6	8	0.1	0.5	0.025	0.1	0.6	56	0.2	53
1143715	0.26	347	1.3	0.006	25	0.072	134.8	0.025	4.7	1.5	0.25	13	0.1	5.7	0.018	0.2	1.8	28	0.2	145
1143716	0.26	278	1.3	0.007	22.2	0.077	71.9	0.025	4.4	1.6	0.25	16	0.1	5.6	0.024	0.2	1.4	32	0.4	111
1143717	0.35	335	0.8	0.005	24.4	0.065	26.1	0.025	2.5	1.7	0.25	13	0.1	5.1	0.024	0.05	1.4	32	0.3	69
1143718	0.46	307	1.2	0.013	23.6	0.055	18.2	0.025	1.5	1.6	0.25	19	0.1	14.6	0.015	0.05	1.6	20	0.05	74
1143719	0.66	252	0.8	0.007	29.8	0.063	31.1	0.025	1.6	1.8	0.25	11	0.1	21.4	0.006	0.05	3.4	17	0.05	104
1143720	0.37	244	0.9	0.005	19.7	0.047	16.3	0.025	0.5	1.2	0.25	9	0.1	2.4	0.019	0.05	1	33	0.1	57
1143721	0.34	279	0.9	0.006	23.9	0.055	15	0.025	1.1	1.4	0.25	12	0.1	4.7	0.02	0.05	1.1	26	0.1	57
1143722	0.5	226	1	0.006	20	0.056	17	0.025	0.9	1.4	0.8	9	0.1	12.2	0.013	0.05	2	21	0.05	74
1143723	0.44	276	1.1	0.006	36.1	0.04	22	0.025	1.5	1.6	0.25	12	0.1	18	0.015	0.05	2.8	22	0.05	81
1143724	0.35	313	0.8	0.005	25.9	0.033	14.4	0.025	3.1	1.6	0.25	8	0.1	6	0.02	0.05	0.9	26	0.1	60
1143725	0.29	169	1.1	0.005	16.3	0.052	17.4	0.025	0.6	0.9	0.25	8	0.1	3	0.013	0.05	1.4	28	0.05	53
1143726	0.45	296	1.5	0.006	16.2	0.045	30.9	0.025	1	1.4	0.25	10	0.1	8.4	0.019	0.05	1.3	31	0.1	66
1143727	0.49	224	1.2	0.005	24.7	0.041	21.3	0.025	0.7	1.5	0.5	10	0.1	13.1	0.013	0.05	2.1	22	0.05	73
1143728	0.33	218	0.8	0.004	18.3	0.039	11.3	0.025	0.6	1.4	0.25	8	0.1	2.8	0.021	0.05	0.7	28	0.1	48
1143729	0.36	254	1.1	0.005	19.8	0.037	15.7	0.025	0.8	1.3	0.25	9	0.1	4.5	0.018	0.05	1.2	33	0.2	54
1143730	0.44	257	1.1	0.005	18.3	0.04	18	0.025	0.6	1.5	0.25	11	0.1	6.8	0.017	0.05	1.2	30	0.05	56
1143731	0.43	249	1	0.005	17.7	0.038	17.5	0.025	0.6	1.6	0.25	10	0.1	7.6	0.017	0.05	1.1	29	0.1	55
1143732	0.47	225	1.5	0.007	30.3	0.048	34	0.025	0.8	1.7	0.25	14	0.1	19.8	0.006	0.05	3	18	0.05	79
1143733	0.41	692	1.1	0.012	27.6	0.077	13.2	0.06	0.7	3	0.6	28	0.1	8.6	0.046	0.4	1.9	40	4.1	1750
1143734	0.4	684	1.1	0.01	25.2	0.07	14.7	0.07	0.7	3	0.8	19	0.1	6.3	0.041	0.3	1.6	37	3.4	1448
1143735	0.43	567	1	0.007	25.3	0.058	11.9	0.025	0.6	2.5	0.25	19	0.1	4.6	0.038	0.3	1.4	38	2	1213
1143736	0.38	723	0.8	0.007	24.6	0.048	24.6	0.025	0.6	2.4	0.25	17	0.1	5.2	0.031	0.2	1.5	34	3.2	1012
1143737	0.39	612	1	0.007	24.2	0.058	13.9	0.025	0.5	2.1	0.25	16	0.1	3.7	0.032	0.3	1.3	37	2.6	978
1143738	0.31	452	0.9	0.005	16.1	0.046	10.2	0.025	0.5	1	0.25	10	0.1	0.9	0.021	0.1	0.9	31	0.6	120
1143739	0.31	445	1.2	0.005	16.3	0.049	11.1	0.025	0.5	1	0.25	12	0.1	1.1	0.023	0.1	0.8	32	0.5	149
1143740	0.31	426	0.9	0.005	15.9	0.042	12.3	0.025	0.5	1	0.25	13	0.1	0.8	0.018	0.1	0.8	33	0.7	125
1143741	0.32	673	1	0.004	15.7	0.055	17.3	0.025	0.7	1.1	0.25	10	0.1	1.1	0.019	0.1	1	33	0.3	90
1143742	0.27	294	1	0.004	14.9	0.046	11.6	0.025	0.5	0.8	0.25	9	0.1	0.7	0.017	0.1	0.7	30	0.3	57
1143743	0.37	437	0.9	0.006	22.1	0.051	18.3	0.025	0.7	1.8	0.5	20	0.1	3.7	0.022	0.2	1.1	33	0.4	114
1143744	0.37	446	0.9	0.006	21	0.054	16.9	0.025	0.7	1.6	0.25	16	0.1	2.9	0.023	0.2	1.2	32	0.3	100
1143745	0.34	459	0.8	0.006	23.4	0.046	10.3	0.025	0.5	1.7	0.5	22	0.1	4.3	0.026	0.2	1	29	0.5	112
1143746	0.34	518	0.9	0.005	21	0.046	25.1	0.025	0.8	1.5	0.25	15	0.1	2.9	0.017	0.2	0.9	31	0.4	143
1143747	0.36	360	0.9	0.007	24.1	0.045	13.3	0.025	0.7	1.9	0.25	17	0.1	5.4	0.026	0.2	1.3	30	0.6	87
1143748	0.37	408	0.8	0.005	20.8	0.052	16.5	0.025	0.6	1.4	0.25	14	0.1	2.6	0.016	0.2	0.8	30	0.4	91
1143749	0.28	1315	0.9	0.004	21.7	0.06	101.5	0.025	1.4	1.4	0.25	11	0.1	5.5	0.02	0.2	0.9	30	0.6	550
1143750	0.37	258	0.6	0.005	15.6	0.058	37.5	0.05	0.6	1.4	0.25	14	0.1	3.4	0.012	0.3	0.8	24	0.3	286
1143751	0.28	266	0.9	0.004	16.2	0.044	30.1	0.025	1.1	1.2	0.25	14	0.1	2.2	0.016	0.1	0.7	31	0.2	53
1143752	0.2	2399	1	0.003	54.4	0.045	48	0.025	2.3	2	1	10	0.1	7.2	0.011	0.1	3.2	19	0.05	125
1143753	0.38	397	0.9	0.005	22.4	0.039	20.1	0.025	1.4	1.8	0.25	9	0.1	2.7	0.024	0.05	0.9	35	0.2	63

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1143754	417098	7079829	8N	0.05	1.18	12.4	1.4	1	78	0.2	0.07	0.2	6.6	21	15.4	2.43	5	0.06	0.04	14
1143755	417144	7079804	8N	0.05	1.15	12.7	8.7	0.5	89	0.2	0.1	0.2	7.4	22	18.8	2.52	4	0.07	0.04	17
1143756	417176	7079765	8N	0.4	1	16.8	27.1	1	103	0.2	0.07	0.6	9.1	18	21.5	2.39	3	0.07	0.03	17
1143757	417196	7079715	8N	0.05	1.35	13.9	1.8	0.5	87	0.3	0.07	0.1	9.4	21	31.2	2.76	4	0.04	0.04	19
1143758	417228	7079673	8N	0.2	1.26	9.2	3.6	0.5	130	0.4	0.09	0.3	10.1	22	42.6	3.08	4	0.04	0.04	25
1143759	417261	7079632	8N	0.3	1.01	15.5	4.2	0.5	75	0.2	0.06	0.3	11.4	18	24.9	2.22	3	0.05	0.04	18
1143760	417296	7079595	8N	0.05	1.03	12.1	3	0.5	76	0.2	0.06	0.2	10.4	18	22.8	2.22	3	0.03	0.03	17
1143761	417301	7079543	8N	0.1	1.17	46	5.5	0.5	90	0.2	0.09	0.3	11.7	29	30.5	2.53	4	0.03	0.03	17
1143762	417276	7079499	8N	0.3	1.11	16.5	3.5	0.5	64	0.4	0.04	0.1	7.7	23	25.4	2.94	5	0.09	0.04	16
1143763	417247	7079456	8N	0.2	1.15	20.1	2.2	0.5	87	0.3	0.08	0.2	8.1	22	23.8	2.73	4	0.04	0.04	18
1143764	417217	7079413	8N	0.1	1.14	14.9	3.8	0.5	100	0.2	0.08	0.3	10.7	20	23.8	2.54	4	0.03	0.04	18
1143765	417187	7079373	8N	0.2	1.36	18.3	1.9	0.5	81	0.3	0.06	0.4	8.7	24	20.4	2.96	5	0.05	0.04	17
1143766	417156	7079331	8N	0.3	1.14	17.9	1.9	0.5	71	0.4	0.06	0.5	6.9	21	16.9	2.47	4	0.04	0.04	16
1143767	417128	7079289	8N	0.1	1.05	15.3	1.9	0.5	65	0.4	0.06	0.3	7.4	20	14.4	2.54	4	0.04	0.04	16
1143768	417102	7079244	8N	0.2	1.12	15	3.8	1	124	0.2	0.08	0.4	8.5	21	18	2.39	4	0.04	0.04	18
1143769	417074	7079201	8N	0.2	0.99	13.3	14.9	1	105	0.2	0.1	0.3	7.3	20	16.8	2.17	3	0.03	0.04	18
1143770	417040	7079163	8N	0.1	1.08	15.6	16.5	0.5	88	0.2	0.06	0.3	6.7	20	16.3	2.29	4	0.03	0.03	16
1143771	417011	7079121	8N	0.05	1.18	15.7	6.6	1	101	0.2	0.08	0.2	8.3	23	16.7	2.37	4	0.03	0.04	19
1143772	416988	7079076	8N	0.1	0.99	12.9	4.1	0.5	109	0.2	0.1	0.4	8.6	20	18	2.16	4	0.04	0.04	19
1143773	416965	7079031	8N	0.05	1.08	14.1	2.2	2	88	0.3	0.06	0.2	6.3	21	15	2.32	4	0.05	0.04	16
1143774	416941	7078986	8N	0.2	1.16	14	1.5	0.5	83	0.2	0.11	0.3	9	22	18.3	2.32	4	0.04	0.04	17
1143775	416917	7078946	8N	0.2	1.2	14.5	4.8	0.5	84	0.2	0.08	0.2	8.3	22	17.4	2.26	4	0.05	0.04	18
1143776	416900	7078901	8N	0.3	1.26	13.5	34.1	0.5	82	0.2	0.1	0.2	12.9	22	21	2.31	4	0.04	0.04	20
1143777	416872	7078860	8N	0.2	1.12	14.9	16.2	0.5	82	0.2	0.17	0.5	12.9	29	30.3	2.36	3	0.03	0.04	21
1143778	416847	7078816	8N	0.1	1.35	12	57.9	1	81	0.2	0.09	0.2	9.9	25	16.5	2.41	4	0.03	0.04	16
1143951	416185	7079619	8N	0.05	1.13	13.3	1.4	2	81	0.2	0.07	0.1	8.8	18	19.5	2.26	3	0.03	0.04	15
1143952	416175	7079568	8N	0.05	1.29	11.3	2.3	1	81	0.3	0.12	0.2	7.1	19	25.1	2.48	4	0.03	0.04	18
1143953	416149	7079523	8N	0.05	1.28	13.5	1.7	0.5	72	0.3	0.09	0.3	11	19	27.9	2.75	4	0.03	0.04	19
1143954	416119	7079480	8N	0.4	1.06	12	2.9	1	63	0.3	0.06	0.3	9.2	15	30.7	2.82	3	0.06	0.04	20
1143955	416091	7079435	8N	0.5	1.49	16.5	1.7	0.5	98	0.4	0.07	0.3	12.7	20	39.4	3.6	4	0.03	0.05	31
1143956	416062	7079393	8N	0.2	1.14	13.4	2.5	1	87	0.2	0.07	0.4	9.7	18	19.1	2.39	4	0.05	0.04	17
1143957	416044	7079344	8N	0.05	1.21	11.4	4.1	0.5	71	0.2	0.08	0.2	7.9	18	17.1	2.41	4	0.03	0.04	17
1143958	416014	7079303	8N	0.05	1.32	12.3	3.1	1	85	0.1	0.06	0.05	12.6	21	28.2	2.69	4	0.04	0.05	17
1143959	415988	7079254	8N	0.1	0.97	10.5	4.6	2	46	0.3	0.06	0.2	6.1	18	20.5	2.63	4	0.07	0.04	20
1143960	415963	7079210	8N	0.05	1.26	11.6	2.9	0.5	85	0.2	0.06	0.3	6.4	18	16.1	2.3	4	0.04	0.04	15
1143961	415942	7079164	8N	0.05	1.11	16.6	2.9	2	96	0.3	0.08	0.3	9.3	19	26.8	2.76	4	0.05	0.04	25
1143962	415917	7079116	8N	0.2	1.2	14.6	2.6	1	73	0.2	0.05	0.3	7.4	18	13.5	2.47	4	0.07	0.04	13
1143963	415909	7079066	8N	0.2	1.13	12.1	3.5	1	108	0.2	0.13	0.1	10.9	18	29.7	2.72	3	0.03	0.05	33
1143964	415895	7079015	8N	0.4	1.09	18.7	1.5	0.5	131	0.4	0.13	0.3	9	17	30.9	2.88	3	0.03	0.05	25
1143965	415872	7078970	8N	0.05	1.3	24.1	5.2	0.5	138	0.2	0.11	0.4	13.1	20	24.5	2.46	3	0.04	0.05	17
1143966	415861	7078916	8N	0.05	1.36	13.6	1.3	0.5	123	0.2	0.09	0.2	9.9	22	18.9	2.56	3	0.04	0.04	18
1143967	415860	7078859	8N	0.05	1.45	12.8	2.2	0.5	92	0.2	0.08	0.2	9.7	22	18.5	2.61	4	0.04	0.04	18
1143968	415853	7078805	8N	0.2	1.18	14.5	5.7	0.5	79	0.3	0.07	0.2	6.5	22	17.1	2.9	5	0.05	0.04	21
1143969	415833	7078755	8N	0.2	1.14	10.9	6	0.5	90	0.2	0.07	0.1	5.1	19	17.7	2.22	4	0.05	0.04	19
1143970	415821	7078703	8N	0.05	1.25	11.9	2.4	0.5	119	0.2	0.1	0.2	9	21	18.8	2.44	4	0.03	0.04	19
1143971	415812	7078653	8N	0.05	1.34	11.6	2.3	0.5	109	0.3	0.07	0.1	6.1	23	15	2.6	5	0.02	0.04	21

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1143754	0.31	348	1	0.005	16	0.04	29.1	0.025	1	1.3	1	9	0.1	0.6	0.023	0.1	0.7	46	0.2	57
1143755	0.34	312	1	0.006	17.9	0.052	19.3	0.025	0.9	1	0.6	11	0.1	0.8	0.019	0.1	0.8	42	0.3	59
1143756	0.34	479	0.7	0.005	22.5	0.032	46.2	0.025	2	1.6	0.25	10	0.1	3.4	0.024	0.2	1.3	31	0.3	74
1143757	0.46	313	0.7	0.005	24.2	0.042	19.7	0.025	1.2	1.4	0.25	10	0.1	2.7	0.021	0.1	1.2	33	0.2	67
1143758	0.46	347	1.1	0.006	25.1	0.043	28.2	0.025	0.8	1.7	0.25	10	0.1	6.4	0.026	0.1	1.5	33	0.2	78
1143759	0.33	401	0.8	0.004	26.6	0.027	26.4	0.025	1.1	1.4	0.25	7	0.1	4.3	0.022	0.1	0.9	30	0.2	77
1143760	0.33	338	0.8	0.004	24.1	0.033	20.7	0.025	0.8	1.2	0.25	7	0.1	2.6	0.019	0.1	1	31	0.2	60
1143761	0.47	413	0.7	0.005	34.8	0.042	22.7	0.025	0.8	1.6	0.25	8	0.1	2.1	0.017	0.05	1.1	37	0.2	65
1143762	0.23	593	1.7	0.006	17.3	0.083	23.6	0.09	0.9	0.6	0.25	8	0.1	0.5	0.01	0.2	1.5	42	0.1	54
1143763	0.32	326	1	0.006	19.2	0.056	30.9	0.025	0.8	0.9	0.25	10	0.1	1.3	0.015	0.05	1.3	36	0.2	64
1143764	0.37	385	0.9	0.005	21.2	0.05	21.1	0.025	0.8	1.3	0.25	9	0.1	3	0.018	0.05	1.3	31	0.3	71
1143765	0.38	425	1.2	0.005	18.4	0.064	25.7	0.08	0.8	0.8	0.25	8	0.1	0.8	0.016	0.1	1.3	41	0.2	66
1143766	0.31	301	1.1	0.004	16.5	0.055	33.6	0.025	0.8	0.7	0.25	8	0.1	0.7	0.014	0.1	1	37	0.2	69
1143767	0.29	341	1.2	0.005	13.5	0.046	34.7	0.025	0.7	1	0.25	7	0.1	1.3	0.02	0.1	0.9	39	0.2	58
1143768	0.34	358	1	0.004	17.5	0.049	24.7	0.08	0.7	1	0.25	9	0.1	1.1	0.018	0.05	1.3	36	0.2	71
1143769	0.34	270	1	0.004	17.9	0.047	19	0.025	0.7	1.2	0.25	10	0.1	2	0.022	0.05	1	33	0.3	65
1143770	0.33	263	1	0.004	15.3	0.038	18.8	0.025	0.7	1.2	0.25	8	0.1	1.8	0.021	0.05	1.1	36	0.2	59
1143771	0.37	277	1.2	0.004	17.7	0.043	19.1	0.025	0.7	1.4	0.25	9	0.1	3.2	0.029	0.05	0.9	41	0.3	64
1143772	0.34	302	1.1	0.005	18.4	0.052	16.1	0.025	0.7	1.3	0.25	10	0.1	2.3	0.023	0.05	1	35	0.3	62
1143773	0.31	238	1.1	0.004	14.2	0.04	17.6	0.025	0.6	1.1	0.25	7	0.1	1.4	0.021	0.05	0.9	37	0.2	53
1143774	0.35	288	1	0.005	19.1	0.055	14.1	0.025	0.7	1.2	0.25	10	0.1	1.7	0.027	0.05	0.9	38	0.2	59
1143775	0.34	286	1	0.005	16.5	0.037	12.2	0.025	0.6	1.5	0.25	9	0.1	2	0.027	0.05	1.1	39	0.2	51
1143776	0.35	390	0.9	0.004	23.1	0.049	14.4	0.025	0.7	1.6	0.25	9	0.1	1.8	0.023	0.05	1.4	40	0.2	65
1143777	0.44	372	0.9	0.006	38.8	0.073	14.1	0.025	0.9	2	0.25	13	0.1	5.9	0.034	0.05	1.1	36	0.3	87
1143778	0.35	406	1	0.005	18.4	0.046	11.9	0.025	0.7	1.5	0.25	9	0.1	1.5	0.029	0.05	1	42	0.2	69
1143951	0.32	288	0.7	0.004	21.3	0.037	13.5	0.025	0.8	1.4	0.25	8	0.1	2.7	0.019	0.05	0.7	30	0.2	51
1143952	0.42	249	0.8	0.005	20.2	0.061	14.1	0.025	0.9	1.3	0.25	12	0.1	2.2	0.018	0.05	1.2	27	0.1	60
1143953	0.37	329	0.9	0.004	24.7	0.049	18.6	0.025	0.9	1.5	0.25	11	0.1	3.3	0.02	0.05	1.4	31	0.1	68
1143954	0.29	229	0.9	0.004	22	0.05	26.2	0.025	2	1.2	0.25	9	0.1	2.6	0.012	0.1	1.6	25	0.1	69
1143955	0.43	336	0.8	0.004	26.9	0.056	58.6	0.025	1.9	1.5	0.25	10	0.1	4.7	0.011	0.1	2.4	27	0.1	94
1143956	0.3	428	0.8	0.004	19.4	0.03	19.9	0.025	1	1.6	0.7	9	0.1	3.1	0.024	0.1	1	33	0.2	60
1143957	0.32	281	0.8	0.004	17.5	0.032	13.2	0.025	0.9	1.5	0.5	8	0.1	3.1	0.024	0.05	0.7	33	0.2	53
1143958	0.38	374	0.8	0.004	25.3	0.021	15.9	0.025	0.6	1.7	0.25	8	0.1	5.9	0.029	0.05	0.8	36	0.2	60
1143959	0.31	232	0.8	0.004	14.1	0.043	14.3	0.025	0.8	1.4	0.7	9	0.1	5.2	0.026	0.05	0.9	35	0.2	46
1143960	0.29	205	1	0.004	14.6	0.03	12.1	0.025	0.7	1.6	0.6	7	0.1	2.9	0.019	0.05	0.8	38	0.2	45
1143961	0.42	250	1.3	0.005	19.2	0.051	14.7	0.025	0.7	1.5	0.7	16	0.1	5.1	0.022	0.05	1.3	31	0.2	56
1143962	0.27	343	0.9	0.004	14.5	0.037	12.4	0.025	0.9	1.5	0.25	7	0.1	2.7	0.022	0.1	0.6	39	0.2	46
1143963	0.43	364	1	0.005	27.1	0.064	18.2	0.025	1.3	2.1	0.9	13	0.1	7	0.029	0.1	1.3	30	0.2	67
1143964	0.45	282	1.3	0.005	19.8	0.072	26.1	0.025	1	1.6	0.7	19	0.1	8.6	0.016	0.05	1.8	22	0.2	59
1143965	0.4	332	0.8	0.006	29.7	0.05	14	0.025	0.8	1.8	0.25	12	0.1	3.3	0.026	0.05	1	34	0.2	71
1143966	0.42	284	0.9	0.005	21.6	0.034	14.1	0.025	0.8	1.9	0.25	11	0.1	5.2	0.028	0.05	0.8	36	0.3	68
1143967	0.36	282	1.1	0.004	16.9	0.042	15.1	0.025	0.7	2.1	0.6	10	0.1	6.1	0.03	0.05	1.2	37	0.2	54
1143968	0.36	229	1.3	0.005	15.8	0.046	18.1	0.025	0.7	1.6	0.25	10	0.1	6.1	0.028	0.05	0.9	43	0.2	53
1143969	0.33	175	1	0.005	12.3	0.049	15.2	0.025	0.7	1.1	0.25	10	0.1	1.3	0.018	0.05	1.1	35	0.2	47
1143970	0.38	276	0.9	0.005	18.5	0.049	13.7	0.025	0.8	2	0.7	11	0.1	4.1	0.027	0.05	0.8	36	0.2	52
1143971	0.38	200	1	0.005	13.2	0.033	22	0.025	0.6	1.7	0.7	11	0.1	3.9	0.025	0.05	0.9	41	0.1	47

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1143972	415807	7078599	8N	0.05	1.55	12.3	1.8	1	108	0.2	0.07	0.2	7.4	24	17.6	2.7	5	0.03	0.04	22
1143973	415795	7078548	8N	0.05	1.74	13.5	1.5	2	94	0.3	0.06	0.3	10.6	25	19.5	2.9	5	0.06	0.04	16
1143974	415766	7078510	8N	0.05	1.3	11.3	3.3	0.5	78	0.2	0.06	0.1	6.6	22	13.8	2.41	5	0.03	0.03	15
1143975	415745	7078464	8N	0.05	1.16	10.4	1.5	1	65	0.3	0.07	0.4	5.1	21	10.7	2.08	4	0.03	0.04	15
1143976	415702	7078432	8N	0.05	1.25	11.1	4.2	0.5	89	0.2	0.07	0.2	5.8	23	12.5	2.31	4	0.05	0.04	14
1143977	415701	7078382	8N	0.05	1.24	11.3	1.8	1	67	0.2	0.07	0.2	4.5	23	9.5	2.41	5	0.04	0.04	13
1143978	415691	7078332	8N	0.1	1.23	11.6	3.3	1	118	0.2	0.1	0.3	6.1	20	15.7	2.32	5	0.06	0.04	16
1143979	415683	7078273	8N	0.2	1.18	12	1.8	0.5	93	0.2	0.09	0.1	6	22	10.3	1.98	5	0.04	0.04	13
1144545	409198	7087535	8N	0.05	1.32	20.4	0.9	0.5	206	0.4	0.24	0.2	6.9	27	26.2	1.96	4	0.03	0.08	11
1144546	409196	7087487	8N	0.2	1.82	44.9	2.3	0.5	285	0.5	0.41	0.2	9.6	50	28.7	2.33	6	0.02	0.2	14
1144547	409196	7087434	8N	0.3	3.98	18.3	5.7	2	532	0.5	1.17	0.7	16.1	42	59.8	3.06	11	0.03	0.45	11
1144548	409199	7087387	8N	0.1	2.86	5.6	1.2	2	549	0.1	9.48	0.2	7.6	37	17.2	2.05	9	0.02	0.28	7
1144549	409198	7087338	8N	0.2	2.92	9	0.5	1	372	0.2	1.01	0.3	8.5	39	20.1	2.36	8	0.03	0.06	12
1144550	409198	7087288	8N	0.2	2.22	59.4	2.9	2	334	0.4	0.78	0.3	8.8	36	22.4	2.38	7	0.03	0.07	13
1144733	407038	7086135	8N	0.6	1.2	24	3.3	0.5	155	0.2	0.33	0.2	9.4	20	17.9	2.56	3	0.08	0.06	18
1144734	406988	7086153	8N	0.3	1.11	12.2	3.2	0.5	244	0.2	0.29	0.3	8.2	18	17.6	2.21	3	0.1	0.04	16
1144735	406939	7086168	8N	0.05	1.07	9.6	1.4	0.5	205	0.3	0.11	0.2	9.5	18	24.3	2.49	3	0.02	0.05	27
1144736	406889	7086185	8N	0.05	0.95	10.9	7.3	0.5	178	0.3	0.1	0.1	12.2	17	27.3	2.77	3	0.03	0.05	31
1144737	406845	7086212	8N	0.05	0.79	13.5	12	0.5	187	0.7	0.1	0.1	12.8	10	38.2	3.27	2	0.02	0.06	44
1144739	406800	7086238	8N	0.05	1.38	11.1	2.8	1	119	0.3	0.1	0.2	11.4	22	22.6	2.5	3	0.04	0.04	16
1144740	406756	7086266	8N	0.05	0.31	16.9	1.2	0.5	115	0.6	0.04	0.05	21.5	11	41.8	4.57	1	0.005	0.04	66
1144741	406713	7086293	8N	0.2	1.07	10.6	1	0.5	169	0.3	0.09	0.3	13	16	45.4	2.92	3	0.005	0.06	30
1144742	406667	7086319	8N	0.05	1.32	13	1.9	0.5	193	0.2	0.13	0.3	10.9	22	28.4	2.57	3	0.02	0.05	17
1144743	406622	7086346	8N	0.05	1.03	10.3	2.4	0.5	143	0.2	0.08	0.1	7.7	17	15.8	2.35	3	0.02	0.03	17
1144744	406580	7086375	8N	0.05	1.22	12.6	1.4	0.5	152	0.2	0.1	0.3	12.6	20	33.8	2.61	3	0.03	0.04	18
1144745	406548	7086393	8N	0.05	1.52	13.3	2.9	0.5	108	0.2	0.08	0.2	10.8	22	16.7	2.47	4	0.04	0.03	15
1144746	406514	7086413	8N	0.1	1.16	18.7	3.4	0.5	77	0.3	0.07	0.3	16.5	18	19.6	3.16	4	0.01	0.05	20
1144747	406373	7083663	8N	0.05	1.28	10.8	3.7	2	291	0.2	0.21	0.2	9.1	21	25.7	2.26	4	0.02	0.05	19
1144748	409599	7088387	8N	0.1	1.84	13.5	3.2	1	231	0.2	0.67	0.3	9.5	28	20.4	2.11	6	0.04	0.05	11
1144749	409600	7088336	8N	0.05	1.45	10	5.1	0.5	164	0.2	0.59	0.3	7.1	18	12.1	1.66	4	0.03	0.03	12
1144750	409599	7088286	8N	0.2	1.07	49.9	3.1	4	220	0.7	1.77	0.3	5	16	20.1	1.39	4	0.06	0.04	11
1144767	413301	7082619	8N	0.1	0.8	9.7	2.8	0.5	58	0.2	0.06	0.2	15.1	12	25.7	2.82	2	0.02	0.04	34
1144768	413384	7082564	8N	0.1	1.11	3.3	3	0.5	31	0.6	0.005	0.05	7.4	14	78.1	5.35	3	0.02	0.06	44
1144771	407553	7081526	8N	0.05	0.93	9.7	3.9	0.5	140	0.2	0.09	0.05	6.9	17	22.2	2.27	3	0.03	0.03	23
1144777	403920	7079034	8N	0.05	1.4	53.4	3.4	1	84	0.4	0.08	0.1	10.5	22	21.6	2.39	4	0.02	0.06	23
1144778	403945	7078989	8N	0.05	1.48	46.7	2.8	0.5	86	0.5	0.07	0.3	12	20	23.6	2.74	3	0.02	0.06	25
1144780	403975	7078946	8N	0.05	1.45	13.6	2.4	0.5	90	0.2	0.11	0.2	11.8	23	20.4	2.46	4	0.02	0.05	18
1144781	404006	7078903	8N	0.05	1.5	39	4.5	0.5	103	0.4	0.14	0.2	16.5	26	34.7	2.97	4	0.02	0.11	31
1144782	406983	7080291	8N	0.05	1.24	19.7	9.4	1	111	0.3	0.11	0.2	6.3	22	17.1	2.1	4	0.03	0.04	20
1144783	407032	7080301	8N	0.05	1.18	14.7	1.1	1	79	0.3	0.08	0.1	7.4	20	15.6	2.62	4	0.03	0.04	22
1144784	407081	7080308	8N	0.05	1.15	12.3	1.4	0.5	95	0.2	0.08	0.05	5.7	21	20.1	2.4	4	0.04	0.04	23
1144785	407131	7080314	8N	0.05	1.54	13.3	2.7	0.5	106	0.3	0.09	0.1	7.9	25	18.3	2.88	5	0.02	0.04	20
1144786	407182	7080313	8N	0.05	1.11	16.6	1.6	1	67	0.4	0.06	0.1	8.1	22	23.8	3.08	5	0.03	0.03	26
1144787	407232	7080317	8N	0.05	1.05	22.2	2.5	1	166	0.3	0.08	0.05	9.6	18	24.6	2.62	3	0.03	0.04	28
1144788	407282	7080313	8N	0.05	0.85	13.8	2.6	1	78	0.3	0.05	0.1	4.7	14	17.6	1.91	3	0.03	0.04	40
1144789	407332	7080322	8N	0.05	1.1	14.8	4.1	2	74	0.2	0.08	0.2	11	18	22.9	2.57	3	0.03	0.04	32

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1143972	0.37	217	1.1	0.004	15.7	0.039	20.2	0.025	0.7	2.4	0.25	10	0.1	6	0.027	0.1	1	45	0.2	49
1143973	0.41	281	1.1	0.005	21.1	0.032	19.8	0.025	0.8	2.3	0.7	9	0.1	5.8	0.028	0.1	0.8	43	0.2	66
1143974	0.36	234	0.9	0.004	14.1	0.042	15.7	0.025	0.7	1.3	0.6	8	0.1	1.1	0.019	0.05	0.7	39	0.1	47
1143975	0.28	207	0.7	0.004	11.3	0.043	14.2	0.025	0.6	1.1	0.25	7	0.1	0.7	0.02	0.1	0.7	37	0.2	39
1143976	0.33	215	0.8	0.004	13.9	0.042	14.2	0.025	0.7	1.7	0.25	7	0.1	1.7	0.023	0.05	0.7	37	0.2	48
1143977	0.31	171	0.9	0.004	12.1	0.043	18	0.025	0.5	1.4	0.25	7	0.1	1.1	0.025	0.1	0.6	41	0.2	45
1143978	0.33	248	0.7	0.005	15.2	0.049	14.7	0.025	0.6	1.1	0.25	11	0.1	0.7	0.019	0.05	0.6	38	0.1	56
1143979	0.28	244	0.8	0.004	12.1	0.043	15	0.025	0.3	0.9	0.25	10	0.1	0.5	0.018	0.1	0.7	37	0.2	41
1144545	0.55	194	0.9	0.008	18.9	0.07	9.5	0.025	1.3	2.4	0.25	29	0.1	3.7	0.046	0.2	0.9	44	0.2	54
1144546	0.86	265	1.1	0.012	19.7	0.078	13.4	0.025	1.5	3.4	0.25	67	0.1	5.5	0.101	0.4	1.9	66	0.4	56
1144547	2.03	414	1.7	0.169	34.8	0.089	16.7	0.025	2.6	5.7	0.25	140	0.1	7.5	0.094	0.4	1.6	70	0.2	94
1144548	1.33	276	0.4	0.192	17.7	0.073	8.5	0.025	0.6	4.2	0.25	277	0.1	4.8	0.088	0.2	0.5	45	0.1	53
1144549	1.32	400	0.5	0.11	22.6	0.061	10.9	0.025	0.6	3.8	0.25	119	0.1	3.6	0.068	0.1	0.7	46	0.1	75
1144550	1.05	353	0.6	0.046	23.2	0.056	13	0.025	1.1	3.4	0.25	64	0.1	3.3	0.055	0.1	1.2	50	0.3	79
1144733	0.31	367	0.8	0.007	20.9	0.065	41.1	0.025	7.6	2.1	0.6	32	0.1	2.1	0.011	0.1	2.3	27	0.3	73
1144734	0.33	298	0.7	0.006	16.4	0.071	20.7	0.025	3.9	2.3	0.25	26	0.1	2.6	0.012	0.1	1.9	30	0.2	63
1144735	0.33	392	0.9	0.005	20.6	0.035	21.6	0.025	1.5	1.7	0.25	13	0.1	5.1	0.014	0.05	1.1	26	0.05	73
1144736	0.29	847	0.8	0.005	24.4	0.038	35.3	0.025	2.5	2.2	0.25	13	0.1	9.5	0.014	0.05	1.5	24	0.1	99
1144737	0.26	1192	0.6	0.004	27.1	0.05	27.3	0.025	3.3	1.8	0.25	16	0.1	13.1	0.008	0.05	1.4	14	0.05	113
1144739	0.36	487	0.9	0.004	21.5	0.053	15.1	0.025	0.8	1.9	0.25	10	0.1	4.6	0.021	0.05	0.8	34	0.2	60
1144740	0.07	494	0.4	0.004	42.1	0.037	32.2	0.025	4.1	2.8	0.25	8	0.1	18.4	0.002	0.05	0.9	11	0.1	109
1144741	0.42	535	0.5	0.004	28.4	0.039	30.6	0.025	3	1.7	0.25	13	0.1	9.5	0.011	0.05	0.8	17	0.05	89
1144742	0.41	319	1	0.006	27.1	0.049	23.7	0.025	1.4	2.7	0.25	13	0.1	4.8	0.024	0.05	0.8	33	0.2	77
1144743	0.26	353	0.9	0.004	18.3	0.033	18.5	0.025	1.1	1.9	0.25	10	0.1	3.7	0.014	0.05	0.8	30	0.1	50
1144744	0.38	397	1.2	0.005	30.2	0.037	20.4	0.025	2.4	2	0.25	12	0.1	6.5	0.022	0.05	1.1	30	0.1	73
1144745	0.31	315	0.9	0.005	21.8	0.036	22	0.025	1.1	1.7	0.25	10	0.1	5.5	0.02	0.05	0.9	34	0.2	55
1144746	0.27	1321	1.1	0.005	19.7	0.066	60.5	0.025	2.6	1	0.25	13	0.1	3	0.01	0.05	0.8	29	0.3	83
1144747	0.43	316	0.7	0.006	23.9	0.054	11.4	0.025	1.5	3.2	0.25	22	0.1	5.2	0.044	0.05	0.9	41	0.2	59
1144748	0.65	395	0.5	0.032	19.9	0.061	10.6	0.025	1	2.5	0.25	38	0.1	2.6	0.038	0.2	0.9	38	0.2	58
1144749	0.35	337	0.4	0.046	16.4	0.049	8.7	0.025	0.6	1.7	0.25	44	0.1	2.6	0.018	0.05	0.5	26	0.2	41
1144750	0.22	179	0.4	0.016	10.1	0.074	8.2	0.08	0.6	1.9	1.2	62	0.1	1	0.025	0.1	1.1	25	0.9	28
1144767	0.24	346	0.7	0.005	29.1	0.044	28.1	0.025	0.8	1.4	0.25	9	0.1	9.7	0.008	0.05	1.5	17	0.1	72
1144768	0.37	129	2.7	0.005	17.4	0.048	39.1	0.025	0.4	1.5	0.25	5	0.1	28.7	5E-04	0.05	3	8	0.05	92
1144771	0.33	194	0.8	0.005	16.8	0.029	18.8	0.025	4.5	1.7	0.9	9	0.1	5.9	0.017	0.05	1.1	23	0.1	49
1144777	0.38	418	0.8	0.004	17.3	0.051	19	0.025	0.4	1.9	0.25	9	0.1	4	0.026	0.1	1	32	0.4	59
1144778	0.44	462	0.6	0.005	24.1	0.055	20	0.025	0.4	2	0.25	9	0.1	8.6	0.026	0.05	1	26	0.1	78
1144780	0.41	517	0.9	0.006	18.1	0.068	12.5	0.025	0.6	2.1	0.5	9	0.1	4.6	0.025	0.05	0.8	36	0.2	58
1144781	0.56	893	0.6	0.005	32.6	0.069	22.3	0.025	0.5	2.4	0.6	14	0.1	10.2	0.04	0.2	1.1	31	0.1	81
1144782	0.35	191	0.7	0.005	15.6	0.052	15.8	0.025	0.9	1.7	0.25	10	0.1	1.5	0.026	0.1	1.5	37	0.1	49
1144783	0.31	249	1	0.005	13.5	0.048	14.9	0.025	1.8	1.2	0.25	9	0.1	1	0.013	0.1	1.2	35	0.1	54
1144784	0.34	162	0.9	0.005	16.7	0.041	13.3	0.025	1.6	1.8	0.25	9	0.1	2.8	0.018	0.1	1.1	34	0.1	51
1144785	0.44	227	1	0.005	17.3	0.049	16	0.025	1.3	1.8	0.25	9	0.1	2.7	0.021	0.1	1.2	40	0.2	57
1144786	0.32	198	1.3	0.005	20.9	0.05	18.3	0.025	2.4	1	0.25	8	0.1	1.9	0.015	0.1	1.3	37	0.1	60
1144787	0.34	263	0.6	0.005	21.2	0.029	14.7	0.025	2.3	2.5	0.25	11	0.1	7.5	0.025	0.1	2	28	0.2	66
1144788	0.22	136	1.3	0.004	10.6	0.038	19.2	0.025	1.6	1.1	0.6	9	0.1	1.9	0.01	0.1	1	24	0.05	35
1144789	0.29	230	0.9	0.004	19.7	0.042	18.5	0.025	2.1	1.7	0.25	10	0.1	8.4	0.015	0.1	1.3	25	0.1	63

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1144790	407382	7080323	8N	0.05	1.18	25.7	2.7	2	100	0.2	0.08	0.05	8.4	20	21.1	2.47	4	0.02	0.04	23
1144791	407433	7080327	8N	0.3	1.37	25.6	3.1	0.5	155	0.3	0.06	0.2	14.7	21	34.2	3.07	4	0.06	0.04	28
1144792	407482	7080320	8N	0.1	0.88	13	10.8	0.5	67	0.2	0.07	0.05	6.2	18	15.9	2.24	4	0.02	0.03	20
1144793	407533	7080316	8N	0.3	0.87	68.7	6.3	2	52	0.7	0.05	0.1	4.3	14	15.7	1.73	3	0.03	0.04	16
1144794	408250	7080097	8N	0.05	1.56	14.2	3	1	127	0.3	0.1	0.1	8.4	23	24.2	2.39	4	0.03	0.04	18
1144795	408298	7080083	8N	0.1	1.43	14.2	3.9	0.5	128	0.3	0.08	0.1	7.1	23	23.4	2.41	4	0.03	0.03	24
1144796	408347	7080074	8N	0.05	1.32	9.9	3.3	0.5	104	0.2	0.1	0.05	5.4	23	17.5	2.01	4	0.04	0.03	16
1144798	408399	7080063	8N	0.05	1.36	17.2	3.5	1	92	0.4	0.09	0.1	4.9	23	16.1	2.19	4	0.05	0.03	19
1144799	408446	7080079	8N	0.05	1	18.4	2.2	0.5	67	0.2	0.08	0.05	5.4	20	10.5	2.22	5	0.03	0.04	19
1144800	408493	7080100	8N	0.05	1.22	15.1	2	1	75	0.2	0.1	0.1	8.9	21	16.3	2.35	4	0.03	0.04	22
1145536	403647	7075137	8N	0.1	1.11	37.1	2	1	58	0.6	0.1	0.2	10.1	20	30.3	2.7	4	0.03	0.05	22
1145538	403572	7075220	8N	0.05	1.22	37.2	3.9	1	63	0.2	0.17	0.2	6.2	19	19.6	2.21	3	0.03	0.05	15
1145539	403533	7075242	8N	0.05	1.24	33.3	1.4	1	76	0.2	0.09	0.2	6.6	22	16.6	2.47	4	0.04	0.05	13
1145540	403482	7075271	8N	0.4	1.46	119.5	21.2	0.5	136	0.7	0.2	0.8	16.4	22	40.6	3.25	4	0.03	0.16	38
1145541	403437	7075297	8N	0.3	1.4	256.1	13.9	0.5	105	0.5	0.11	0.3	15	21	41.8	3.6	4	0.03	0.12	37
1145542	403399	7075330	8N	0.5	1.56	209.3	22	0.5	117	0.5	0.19	0.3	16	22	42.6	3.7	5	0.03	0.11	44
1145543	403347	7075344	8N	0.6	4.02	172.8	26.4	1	386	1.7	0.93	5	20.5	38	48	4.32	12	0.02	1.09	20
1145544	403303	7075368	8N	0.3	2.39	200.3	17.9	1	165	1.6	0.39	3	16.1	29	39.4	3.4	7	0.03	0.34	21
1145545	403259	7075400	8N	1.3	1.85	202.6	25.1	1	167	0.9	0.17	1	8.2	27	35.6	2.95	6	0.04	0.14	23
1145546	403220	7075437	8N	0.5	1.56	306.5	21.5	2	158	1	0.21	1	15.8	27	42.5	3.11	5	0.03	0.19	30
1145547	403174	7075470	8N	0.4	3.92	131.3	9.2	1	322	0.6	0.62	0.7	18.1	44	45.8	4.19	11	0.03	0.69	25
1145548	403127	7075468	8N	0.4	2.34	158.1	14.4	1	203	0.5	0.26	0.3	15.5	33	49.5	3.26	7	0.05	0.33	23
1145549	403076	7075463	8N	0.6	1.33	219.9	13.4	2	147	0.8	0.11	0.5	8.3	23	21.5	2.72	4	0.04	0.06	17
1145550	403025	7075461	8N	0.2	1.16	238.3	6.5	2	117	0.6	0.1	0.4	7.3	21	17.1	2.81	5	0.06	0.06	16
1145731	409995	7089337	8N	0.2	2.81	136.2	7.3	2	236	0.4	1.66	0.6	10	32	19.9	2.15	7	0.05	0.09	24
1145732	409995	7089387	8N	0.2	1.88	100.3	8.4	1	212	1	1.22	0.3	7	25	16.8	2.29	5	0.04	0.05	34
1145733	409994	7089437	8N	0.1	1.66	71.9	36.8	0.5	178	0.5	0.81	0.4	9.4	29	19.8	2.21	5	0.04	0.08	19
1145734	409994	7089487	8N	0.1	3.56	34.7	1.6	2	209	0.3	1.99	0.3	9.8	53	18	2.58	10	0.03	0.09	18
1145735	409994	7089537	8N	0.1	2.84	17.8	1.7	1	255	0.2	1.45	0.2	11.5	42	25.3	2.63	8	0.02	0.27	17
1145736	409995	7089585	8N	0.1	1.73	38.5	5.4	0.5	192	0.3	0.76	0.3	9.8	26	19.1	2.04	5	0.06	0.05	17
1145737	409995	7089635	8N	0.05	2.97	12	1.7	2	245	0.2	2.89	0.2	11.5	41	20.9	2.59	9	0.005	0.46	16
1145738	409995	7089686	8N	0.05	2.09	35.3	3.9	2	191	0.3	0.59	0.1	9.3	36	16.2	2.36	7	0.04	0.1	16
1145739	409996	7089736	8N	0.1	1.93	121.1	1.2	3	213	0.5	1.18	0.3	8.9	31	19.1	2.03	6	0.03	0.06	17
1145740	409996	7089786	8N	0.05	1.77	17.9	3.6	2	152	0.4	0.15	0.2	6.3	32	44.3	2.42	6	0.04	0.05	13
1145741	409996	7089837	8N	0.05	1.74	36.8	7.8	0.5	304	0.7	0.28	0.4	8.4	35	74.6	2.28	5	0.02	0.06	13
1145742	409997	7089886	8N	0.1	1.8	15.9	3.8	1	216	0.3	0.22	0.4	11.4	30	49.6	2.42	5	0.03	0.06	14
1145743	409997	7089936	8N	0.05	2.33	20.7	4.2	1	229	0.3	0.4	0.2	11.4	38	33.6	2.68	6	0.03	0.07	18
1145744	409997	7089987	8N	0.1	1.87	17.3	1.6	0.5	243	0.2	0.49	0.3	9.6	34	24.4	2.32	6	0.02	0.07	18
1145745	409998	7090037	8N	0.1	1.55	18.5	2.3	1	222	0.3	0.35	0.1	9	27	24.1	2.09	4	0.04	0.05	18
1145746	409997	7090086	8N	0.1	1.65	26.5	2.1	0.5	190	0.4	0.39	0.2	8.4	30	25	2.12	6	0.02	0.06	16
1145747	409998	7090136	8N	0.05	1.4	76	3.4	1	227	1	0.29	0.2	8.3	24	27	2.09	4	0.02	0.05	15
1145748	409998	7090187	8N	0.05	1.18	107	7.6	0.5	193	1.1	0.26	0.2	8.4	23	32	2	4	0.02	0.05	17
1145749	409999	7090286	8N	0.2	1.48	248.7	8	2	247	2.8	0.78	0.3	10.8	26	34.6	2.29	5	0.05	0.05	16
1145750	409298	7088786	8N	0.2	1.55	47	12.9	2	249	2.5	1.15	0.5	8.2	20	37.4	1.86	4	0.05	0.05	15
1145751	412954	7085839	8N	0.05	1.43	24.2	2.8	0.5	76	0.4	0.06	0.1	16.8	18	38.9	3.6	4	0.02	0.04	45
1145752	412975	7085792	8N	0.05	1.44	10.9	3.1	0.5	82	0.3	0.06	0.2	11.3	21	22.2	2.66	4	0.02	0.04	25

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1144790	0.35	242	0.9	0.005	20.7	0.04	14.3	0.025	2.4	1.6	0.25	10	0.1	2.2	0.024	0.1	1	35	0.1	54
1144791	0.41	480	1.1	0.004	24	0.049	19.3	0.025	3.1	2.8	0.25	9	0.1	6.2	0.018	0.1	1.9	33	0.1	77
1144792	0.26	164	0.8	0.004	14.9	0.033	13.8	0.025	1.4	0.9	0.25	8	0.1	1	0.015	0.05	0.8	28	0.1	47
1144793	0.21	136	0.8	0.004	11	0.03	63.7	0.025	3.3	0.7	0.25	7	0.1	0.8	0.01	0.3	1.6	23	0.1	43
1144794	0.37	200	0.8	0.005	19.6	0.052	11.7	0.025	0.8	2.1	0.25	9	0.1	2.2	0.029	0.05	0.9	39	0.2	61
1144795	0.37	144	0.8	0.004	17.6	0.034	13.2	0.025	1.1	2.1	0.7	8	0.1	2.6	0.028	0.05	1.1	39	0.1	50
1144796	0.33	102	0.5	0.005	14.7	0.046	10.5	0.025	0.7	1.6	0.25	10	0.1	1.1	0.025	0.05	0.9	39	0.1	46
1144798	0.32	111	0.8	0.004	13.6	0.061	13.3	0.025	1.3	1.5	0.25	9	0.1	1.5	0.02	0.05	0.8	37	0.2	40
1144799	0.25	180	0.5	0.003	11	0.042	14.2	0.025	1.4	1.2	0.25	8	0.1	1.3	0.018	0.05	0.8	35	0.05	34
1144800	0.37	323	0.8	0.004	17.8	0.048	14.1	0.025	0.7	1.2	0.25	10	0.1	1.9	0.018	0.05	0.8	32	0.1	51
1145536	0.38	349	0.9	0.005	24.1	0.069	13.8	0.025	0.8	1.1	0.6	11	0.1	2.4	0.018	0.05	0.9	28	0.2	67
1145538	0.4	196	0.7	0.005	19.6	0.069	11.7	0.025	0.6	1.7	1	13	0.1	5	0.035	0.1	0.6	30	0.2	61
1145539	0.33	266	1.1	0.005	17.4	0.048	12.7	0.025	0.7	1.4	0.25	10	0.1	1.4	0.027	0.1	0.7	39	0.2	66
1145540	0.91	874	1.5	0.005	38.1	0.072	25.5	0.025	1.2	2.6	0.5	20	0.1	10.2	0.029	0.3	1.9	31	0.1	115
1145541	0.77	774	0.6	0.005	38.1	0.057	22.2	0.06	2	2.4	0.6	14	0.1	8.6	0.017	0.2	1.1	28	0.2	106
1145542	0.97	879	0.7	0.004	41.8	0.063	13.8	0.025	1.3	2.9	0.7	19	0.1	10.3	0.022	0.2	1.4	27	0.2	117
1145543	3.02	1282	0.3	0.117	49.5	0.08	33.5	0.025	0.6	6.4	0.25	81	0.1	14.8	0.146	0.9	1.3	54	0.3	365
1145544	1.73	1016	0.4	0.023	35.3	0.064	28.5	0.025	0.5	3.8	0.5	30	0.1	9.5	0.079	0.5	1.3	43	0.2	283
1145545	1.04	527	0.6	0.006	25.6	0.064	43.1	0.05	1.1	2.2	1.3	16	0.1	2.6	0.027	0.3	1.4	41	0.2	148
1145546	0.92	765	0.6	0.005	38.4	0.072	43	0.025	0.9	3	0.6	17	0.1	11	0.038	0.2	1.5	33	0.3	110
1145547	2.71	1142	0.4	0.104	40	0.066	90.6	0.025	0.5	6.3	0.25	57	0.1	12.8	0.137	0.5	1.2	65	0.4	123
1145548	1.43	800	0.6	0.027	34.1	0.058	83.7	0.025	0.6	3.6	0.5	25	0.1	9	0.062	0.3	1.5	54	0.4	98
1145549	0.47	422	0.7	0.005	21.5	0.057	58.1	0.025	0.8	1.4	0.25	13	0.1	1.5	0.018	0.1	1.1	35	0.2	97
1145550	0.33	420	1	0.005	15.1	0.056	45.6	0.025	0.6	1	0.25	11	0.1	1	0.02	0.1	0.9	42	0.3	65
1145731	0.74	385	0.5	0.088	24.3	0.078	13.3	0.025	1.5	2.6	0.8	125	0.1	3.5	0.048	0.2	1.5	41	0.3	86
1145732	0.4	244	0.6	0.045	18.5	0.089	16.8	0.025	7.6	2.5	0.5	105	0.1	7.6	0.015	0.1	1.4	35	0.4	63
1145733	0.52	307	0.7	0.071	22.6	0.085	11.4	0.025	1.9	3	0.25	78	0.1	6.6	0.058	0.1	0.9	48	0.9	62
1145734	1.23	345	0.4	0.22	24.4	0.085	13.4	0.025	0.9	3.6	0.6	178	0.1	4.5	0.093	0.2	0.9	55	0.3	65
1145735	0.96	392	0.5	0.199	24.4	0.087	9.8	0.025	1	4.3	0.25	114	0.1	6.7	0.103	0.2	0.6	55	0.3	63
1145736	0.43	353	0.6	0.048	22.2	0.069	12.5	0.025	0.9	2.3	0.25	46	0.1	3	0.033	0.1	2.2	43	0.3	60
1145737	1.21	470	0.8	0.242	25.8	0.093	10.2	0.08	0.8	5.4	0.25	149	0.1	7.7	0.12	0.3	0.7	55	0.2	65
1145738	0.76	269	0.5	0.036	21.1	0.069	10.6	0.025	1.4	3.5	0.25	49	0.1	4.4	0.067	0.1	1	48	0.3	58
1145739	0.58	286	0.5	0.056	19.3	0.074	10.7	0.11	4.9	2.4	0.25	87	0.1	2.4	0.042	0.05	2.3	46	0.3	64
1145740	0.42	172	3	0.006	21.5	0.066	11.3	0.025	1.9	1.4	0.6	15	0.1	0.6	0.029	0.4	1.2	82	0.1	67
1145741	0.57	218	2.9	0.007	30.3	0.104	10.6	0.025	2.5	2.3	0.7	27	0.1	1.5	0.033	0.2	2.4	90	0.2	91
1145742	0.45	276	1.6	0.007	29	0.065	12.6	0.025	1.6	2.5	0.25	22	0.1	3.5	0.038	0.1	1	58	0.2	79
1145743	0.68	276	0.9	0.013	28.6	0.071	12.7	0.025	1.4	3.6	0.25	47	0.1	4.6	0.061	0.2	0.8	58	0.2	66
1145744	0.68	315	0.8	0.015	24.8	0.071	10.9	0.025	1.1	3.6	0.25	44	0.1	3.8	0.062	0.1	1	50	0.2	64
1145745	0.51	276	0.9	0.01	22	0.073	10.5	0.025	1.3	2.7	0.25	33	0.1	4	0.043	0.1	0.9	43	0.2	56
1145746	0.52	264	0.9	0.01	22.5	0.088	10.9	0.025	2.1	2.2	0.25	35	0.1	2.3	0.045	0.2	0.8	49	0.2	70
1145747	0.41	244	0.9	0.007	21.9	0.074	9.8	0.025	3.6	2.2	0.25	23	0.1	2.6	0.036	0.1	0.9	44	0.4	56
1145748	0.38	287	0.9	0.007	20.5	0.069	8.6	0.025	7.9	2.1	0.25	19	0.1	3.7	0.043	0.1	1.2	40	0.6	57
1145749	0.44	388	1	0.017	19.8	0.086	15.1	0.05	18.6	2.7	0.25	40	0.1	2.9	0.029	0.2	1.7	45	0.7	90
1145750	0.35	376	0.3	0.028	17.6	0.076	11	0.025	0.8	1.9	0.25	44	0.1	1.2	0.023	0.1	1	33	0.6	60
1145751	0.58	430	1.2	0.005	28	0.063	20.4	0.025	0.9	1.5	0.5	20	0.1	12.5	0.011	0.05	2.5	21	0.05	72
1145752	0.46	264	0.9	0.004	19.4	0.047	16.4	0.025	0.6	1.6	0.25	10	0.1	2.1	0.015	0.05	1.3	32	0.1	69

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1145753	413005	7085752	8N	0.05	1.12	13.6	1.9	0.5	73	0.3	0.08	0.1	7.1	18	17.7	2.31	4	0.02	0.04	19
1145754	413036	7085713	8N	0.05	1.46	10.9	1.9	0.5	213	0.2	0.12	0.3	12.7	24	26	2.82	4	0.03	0.04	23
1145755	413067	7085673	8N	0.05	1.03	8.1	0.7	0.5	83	0.2	0.09	0.1	10.5	17	16.4	2.08	3	0.02	0.03	12
1145756	413100	7085635	8N	0.05	1.15	4.2	1.3	0.5	25	0.5	0.03	0.05	5.9	19	29.1	3.2	5	0.02	0.02	37
1145757	413126	7085593	8N	0.05	1.13	9.8	2.4	0.5	50	0.2	0.05	0.1	9	18	23.4	2.53	3	0.03	0.02	18
1145758	413162	7085557	8N	0.05	1.31	11.6	2	0.5	103	0.2	0.07	0.2	12.5	22	25.8	2.39	3	0.03	0.03	18
1145759	413178	7085510	8N	0.05	1.3	11.8	3.2	0.5	92	0.2	0.05	0.1	9.4	25	20.5	2.29	4	0.04	0.03	15
1145760	413216	7085476	8N	0.05	1.11	13.7	14.4	0.5	71	0.2	0.07	0.1	13.3	41	23.4	2.59	4	0.03	0.03	17
1145761	413246	7085436	8N	0.05	1.27	11.6	1.6	1	98	0.2	0.09	0.1	12.1	24	24.5	2.71	4	0.03	0.03	17
1145762	413290	7085413	8N	0.05	1.21	9.3	2.2	0.5	62	0.2	0.04	0.05	8.8	32	17.2	2.37	4	0.04	0.04	17
1145763	413338	7085395	8N	0.05	0.87	6.5	1.6	0.5	58	0.3	0.04	0.05	4.7	17	14	2.09	3	0.04	0.04	18
1145764	413384	7085377	8N	0.05	1.09	10.9	2.1	0.5	76	0.2	0.07	0.2	9.3	23	21.3	2.54	3	0.04	0.04	13
1145765	413435	7085371	8N	0.05	1.28	13.4	2.5	1	113	0.2	0.06	0.3	9.2	23	17.2	2.43	4	0.03	0.04	11
1145766	413483	7085386	8N	0.05	1.37	21	3.5	1	117	0.2	0.09	0.2	13.2	33	27	2.8	4	0.02	0.09	11
1145767	413533	7085385	8N	0.05	3.02	15.4	2.7	0.5	397	0.05	0.49	0.3	41.2	253	63.8	6.33	10	0.02	0.94	26
1145768	413569	7085353	8N	0.05	1.9	30	2.4	1	201	0.2	0.18	0.1	16.9	99	19.5	4.09	7	0.005	0.16	16
1145769	413617	7085338	8N	0.1	2.25	24.1	3.2	0.5	573	0.2	0.52	0.2	20	144	29.2	4.99	9	0.04	0.75	14
1145770	413662	7085318	8N	0.3	1.46	10.1	7.9	0.5	256	0.9	0.44	0.4	13.5	49	23.6	4.27	6	0.06	0.28	67
1145771	414941	7086173	8N	0.05	1.8	12.3	5.2	0.5	232	0.2	0.23	0.2	17.2	68	37.4	3.84	7	0.01	0.39	29
1145772	414979	7086237	8N	0.05	1.23	7.8	4	1	114	0.3	0.14	0.2	23.5	21	18.6	2.52	4	0.02	0.06	27
1145773	415027	7086296	8N	0.2	1.87	11.2	2	1	117	0.4	0.83	0.3	23	50	43.6	4.29	6	0.04	0.13	38
1145774	415094	7086331	8N	0.05	1.42	9.4	2.9	0.5	184	0.3	0.26	0.1	10.9	27	27.6	2.67	4	0.03	0.07	24
1145775	415140	7086392	8N	0.05	1.03	7	2.3	1	121	0.2	0.13	0.1	5	24	13.2	1.61	4	0.02	0.04	14
1145776	415205	7086430	8N	0.05	1.27	9.1	3.4	0.5	130	0.2	0.1	0.1	11.3	30	26	2.61	4	0.02	0.06	28
1145777	415279	7086443	8N	0.05	1.32	10.7	2.3	0.5	145	0.2	0.24	0.1	10.4	26	20.3	2.41	4	0.03	0.05	24
1145778	415355	7086441	8N	0.3	1.4	10.4	1.3	0.5	45	0.5	0.08	0.3	14	17	38.2	3.33	4	0.03	0.04	39
1145779	415430	7086439	8N	0.05	1.36	8.7	2.6	0.5	131	0.3	0.13	0.2	8.6	23	28.8	2.71	4	0.02	0.04	29
1145780	415506	7086446	8N	0.1	1.35	10.4	1.3	0.5	84	0.3	0.06	0.1	8.9	20	30.2	2.78	4	0.03	0.03	29
1145781	415579	7086434	8N	0.2	1.3	7.4	2.5	0.5	62	0.4	0.05	0.2	6.3	18	25.1	2.81	4	0.03	0.03	29
1145782	415653	7086423	8N	0.05	1.43	7.9	1.7	0.5	75	0.3	0.05	0.05	10.2	19	24	2.7	4	0.02	0.03	32
1145783	415728	7086415	8N	0.3	1.41	10.7	5.3	19	80	0.5	0.06	0.9	19.8	18	36.3	3.67	4	0.005	0.05	42
1145784	415803	7086408	8N	0.1	1.45	6.6	1.2	0.5	53	0.4	0.09	0.05	12.7	19	33.7	3.46	4	0.005	0.04	41
1145785	415874	7086433	8N	0.05	1.57	10.5	2.6	0.5	71	0.3	0.08	0.1	7.1	22	20.3	3.04	5	0.02	0.04	23
1145786	415925	7086489	8N	0.1	1.27	6.6	11.5	0.5	150	0.3	0.23	0.05	9.2	21	29.2	2.86	4	0.02	0.03	26
1145787	415978	7086542	8N	0.05	1.44	9	3.3	0.5	95	0.3	0.06	0.1	10.8	20	31.7	3.28	4	0.005	0.03	28
1145788	416027	7086600	8N	0.1	1.62	6.3	3.1	0.5	83	0.5	0.07	0.1	15.3	21	41	3.77	4	0.01	0.04	32
1145790	416087	7086644	8N	0.05	1.22	7.4	13.7	0.5	74	0.3	0.08	0.05	10	19	24.5	2.57	4	0.01	0.02	27
1145881	411104	7088830	8N	4.1	1.6	5503	103.5	9	382	44.3	1.24	1.9	8.7	28	361.1	3.6	5	0.06	0.08	22
1145882	411106	7088886	8N	0.6	2.36	137.1	24.9	13	231	8.6	2.5	1.1	7.4	20	79.7	1.45	5	0.09	0.07	22
1145883	411107	7088935	8N	0.2	1.84	149.1	31.8	7	132	2.8	1.58	0.5	8.5	24	54.4	2.19	5	0.07	0.07	21
1145884	411106	7088984	8N	0.4	1.92	231.1	36.2	4	380	3.9	1.33	0.6	13.1	27	149.5	2.54	6	0.04	0.11	22
1145885	411107	7089036	8N	0.2	2.12	28	5.2	4	197	0.8	1.14	0.2	7.9	24	22.7	1.83	6	0.04	0.05	15
1145886	411109	7089085	8N	0.2	1.9	72.1	4.1	3	200	0.9	1.28	0.3	10	29	31.9	2.36	6	0.03	0.08	14
1145887	411110	7089134	8N	0.2	1.86	219.1	6	0.5	170	5.1	0.33	0.2	9.7	24	43.4	2.74	5	0.04	0.08	28
1145888	411111	7089185	8N	0.1	2.67	126.2	7.4	1	287	1.1	0.36	0.4	14.3	33	35.5	3.11	8	0.05	0.16	16
1145889	411114	7089233	8N	0.2	2.21	206.4	22.8	0.5	209	2.7	0.64	0.3	10.8	33	40.1	3.1	7	0.04	0.12	45

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1145753	0.3	191	0.9	0.004	15.9	0.044	14.9	0.025	0.7	1.3	0.9	10	0.1	2.6	0.016	0.05	0.8	34	0.1	48
1145754	0.47	329	1.1	0.005	24.9	0.053	16.4	0.025	0.7	2.7	0.25	16	0.1	3.9	0.022	0.05	1.3	40	0.1	66
1145755	0.32	326	0.8	0.004	20.4	0.047	13.7	0.025	0.5	1	0.25	8	0.1	2.1	0.014	0.05	0.8	25	0.2	55
1145756	0.51	179	1	0.004	16.2	0.052	34.2	0.025	0.3	1.1	0.5	12	0.1	12.3	0.008	0.05	1.9	22	0.05	51
1145757	0.32	246	1	0.004	20.8	0.044	16.7	0.025	0.6	1.1	0.25	8	0.1	3.5	0.016	0.05	1	31	0.2	46
1145758	0.38	280	1	0.004	26	0.043	15.8	0.025	0.8	2.2	0.6	9	0.1	4.3	0.023	0.05	1	34	0.1	55
1145759	0.34	246	1	0.004	19.8	0.037	15.7	0.025	0.6	1.7	0.25	7	0.1	2.3	0.018	0.05	0.9	36	0.2	48
1145760	0.41	415	1.1	0.003	34.4	0.06	18.9	0.025	1	1.8	0.5	9	0.1	2.6	0.019	0.05	0.9	39	0.2	53
1145761	0.36	360	1.2	0.003	23.2	0.045	21	0.025	2	1.9	0.6	11	0.1	4	0.012	0.05	0.8	37	0.2	52
1145762	0.43	262	1.1	0.004	19.6	0.046	17	0.025	1.2	1.4	0.25	6	0.1	0.9	0.015	0.05	0.7	43	0.1	45
1145763	0.25	105	1.1	0.004	12.9	0.038	18.1	0.025	0.5	0.6	0.6	9	0.1	0.9	0.009	0.05	0.7	25	0.1	38
1145764	0.31	326	1.2	0.004	22.2	0.059	16	0.025	1.2	1.6	0.25	11	0.1	1.3	0.02	0.05	0.7	35	0.2	58
1145765	0.34	354	1	0.004	17.9	0.049	18.6	0.025	1.4	1.4	0.6	9	0.1	0.8	0.017	0.05	0.7	39	0.1	62
1145766	0.56	388	0.9	0.004	31.4	0.056	31.3	0.025	2.9	2.5	0.25	13	0.1	1.7	0.03	0.1	0.7	41	0.2	73
1145767	2.52	1607	1.4	0.006	218.8	0.157	18	0.025	2	14.8	0.25	60	0.1	5.7	0.219	1	0.6	162	0.05	93
1145768	1.25	706	1.4	0.007	58.9	0.061	18.7	0.025	1.4	5.6	0.25	28	0.1	3.1	0.084	0.2	0.6	98	0.1	75
1145769	2.26	1970	5.4	0.011	123.4	0.076	27.5	0.025	3.4	10.8	1	86	0.1	3.5	0.139	0.5	0.8	134	0.1	106
1145770	0.75	1668	7.4	0.007	33.9	0.103	57.8	0.025	1.5	6.2	0.5	108	0.1	6.2	0.079	0.3	1.1	73	0.2	331
1145771	1.08	1282	2.1	0.005	40.5	0.081	44.2	0.025	1.4	5.9	0.25	31	0.1	24.1	0.117	0.4	1.1	86	0.3	107
1145772	0.47	1722	1.2	0.006	18.7	0.056	29.6	0.025	1.4	1.4	0.25	21	0.1	2.9	0.009	0.1	1.3	23	0.05	57
1145773	1.19	807	0.9	0.006	48.1	0.089	36.9	0.025	3	5.3	0.25	73	0.1	10.6	0.035	0.2	1.7	67	0.1	90
1145774	0.51	387	0.9	0.006	24.9	0.042	25.6	0.025	1.4	2.7	0.7	24	0.1	6.2	0.021	0.1	1	36	0.2	62
1145775	0.35	153	0.9	0.007	15	0.04	9.8	0.025	0.9	1.7	0.25	15	0.1	1.1	0.022	0.05	0.5	41	0.3	44
1145776	0.47	435	0.9	0.005	28	0.041	16.4	0.025	2.2	2.6	0.25	16	0.1	7	0.029	0.05	1.1	32	0.2	66
1145777	0.43	546	1	0.005	22.7	0.048	22.3	0.025	4.7	2.2	0.25	29	0.1	5.6	0.019	0.1	1.1	31	0.1	63
1145778	0.51	412	1.1	0.004	28.5	0.043	61.2	0.025	2.3	1.1	0.25	16	0.1	10.6	0.007	0.05	2.4	19	0.05	73
1145779	0.53	238	0.8	0.004	26.5	0.04	18.3	0.025	0.9	2	0.25	16	0.1	7.5	0.018	0.05	1.5	29	0.2	65
1145780	0.46	217	0.9	0.005	22.8	0.029	23.5	0.025	1.5	1.5	0.25	14	0.1	7.7	0.011	0.05	1.9	26	0.1	59
1145781	0.46	189	1	0.004	17.9	0.037	25.3	0.025	1.1	1.1	0.25	11	0.2	5.3	0.008	0.05	1.7	26	0.2	56
1145782	0.51	284	0.8	0.003	20	0.034	20.6	0.025	1.3	1.2	0.25	10	0.1	8.5	0.01	0.05	1.3	24	0.1	59
1145783	0.63	556	1.7	0.005	35.1	0.044	76.2	0.025	8.2	1.5	0.25	23	0.1	17.1	0.009	0.05	2	18	0.05	110
1145784	0.64	392	1	0.005	22.7	0.042	28.7	0.025	2.7	1.4	0.25	17	0.1	15.5	0.008	0.05	1.9	17	0.05	75
1145785	0.47	251	1	0.005	16.6	0.033	35.5	0.025	4.8	1.9	0.25	11	0.1	8.1	0.015	0.05	0.9	35	0.2	65
1145786	0.56	275	0.8	0.005	24.4	0.045	18.8	0.025	0.9	1.6	0.25	22	0.1	8.3	0.01	0.05	1.7	23	0.2	66
1145787	0.57	263	0.8	0.005	23.8	0.037	21	0.025	0.8	1.7	0.25	13	0.1	9.7	0.01	0.05	1.8	24	0.1	71
1145788	0.73	473	1.2	0.005	36.9	0.036	29.2	0.025	1.2	1.9	0.25	20	0.1	13.4	0.016	0.05	2.5	19	0.05	85
1145790	0.5	228	0.6	0.004	22.8	0.032	18.7	0.025	0.6	1.3	0.25	13	0.1	7.5	0.011	0.05	1.3	23	0.2	57
1145881	0.39	626	1.3	0.042	20.8	0.122	49.2	0.1	842.2	2.6	1.4	62	0.2	4.4	0.021	0.4	2.2	27	0.6	121
1145882	0.26	649	1	0.15	17.5	0.146	22.5	0.1	8.7	1.6	0.25	120	0.1	3.9	0.027	0.1	1.7	19	0.4	82
1145883	0.44	281	0.7	0.109	21.7	0.105	12.9	0.025	10.2	2.6	0.25	88	0.1	8.2	0.056	0.05	1.3	39	2.2	60
1145884	0.68	321	0.5	0.084	29.6	0.114	16.7	0.025	22.4	3.9	0.25	94	0.1	7.2	0.065	0.1	1.3	50	1.2	79
1145885	0.45	378	0.4	0.053	20.1	0.067	12.9	0.025	2.8	2.2	0.25	59	0.1	3	0.037	0.1	0.8	33	0.2	53
1145886	0.52	230	0.3	0.062	26.2	0.074	12	0.025	1.9	3.7	0.25	72	0.1	6.4	0.062	0.1	0.7	40	0.2	74
1145887	0.49	281	0.9	0.012	22.8	0.08	11	0.025	4.6	2.9	0.25	47	0.1	6.8	0.043	0.2	2.2	40	0.6	64
1145888	0.75	413	1.1	0.015	27.6	0.09	14.1	0.025	3.2	3.3	0.25	82	0.1	4.3	0.057	0.4	1.1	48	0.6	77
1145889	0.68	422	1	0.015	16.5	0.08	27	0.025	19.6	4.2	0.25	73	0.1	11.1	0.03	0.2	4.9	45	1.3	66

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1145890	411111	7089286	8N	0.1	2.48	194	5.9	0.5	249	2.2	0.53	0.3	13	39	41.1	3.27	8	0.04	0.17	37
1145891	411113	7089335	8N	0.2	2.46	92.7	5.7	1	312	1.5	0.73	0.5	12.3	33	34	2.63	7	0.04	0.06	23
1145892	411115	7089384	8N	0.2	1.82	60.8	8.5	3	211	1.5	1.01	0.4	8	21	34.3	2.02	5	0.05	0.04	21
1145893	411114	7089437	8N	0.2	1.11	93.4	6.3	1	178	1.8	0.67	0.3	9.4	26	39.2	2.32	4	0.03	0.06	23
1145894	411119	7089489	8N	0.3	1.92	98.2	12.6	3	244	3	1.29	0.4	7.1	29	41.5	1.98	6	0.07	0.06	24
1145895	411119	7089538	8N	0.2	1.6	96.4	6	2	194	1.7	1.02	0.3	8.9	23	30.2	2.16	5	0.05	0.06	25
1145896	411115	7089587	8N	0.2	1.74	72.5	2.2	3	303	1.7	1.25	0.5	9.2	27	30.6	2.05	5	0.07	0.06	24
1145897	411116	7089634	8N	0.1	1.55	62.3	4.9	3	248	1.7	1.21	0.3	9	24	27.2	1.87	5	0.04	0.05	20
1145898	411117	7089687	8N	0.1	1.46	108.6	10.3	2	189	2.8	0.32	0.3	8.3	26	29.9	2.32	4	0.04	0.06	18
1145899	411114	7089738	8N	0.05	1.41	265.2	5.2	1	121	1.3	0.16	0.2	6.5	24	23.6	2.32	4	0.03	0.05	15
1145900	411114	7089786	8N	0.05	1.22	144	7.4	1	95	2.1	0.14	0.1	6	31	17.8	2.35	6	0.02	0.06	15
1145921	411112	7089837	8N	0.1	1.28	156.8	3.6	1	108	0.9	0.15	0.2	7.9	21	25.2	2.23	3	0.02	0.04	15
1145922	411109	7089887	8N	0.05	1.34	54.9	1.9	0.5	132	0.9	0.27	0.2	8.2	22	17	2.28	5	0.02	0.04	13
1145923	411108	7089937	8N	0.05	1.39	31.4	3.2	2	165	1.2	0.37	0.2	7.8	22	15.8	2.33	5	0.03	0.04	13
1145924	411108	7089987	8N	0.1	1.74	21.1	8	2	211	0.9	0.52	0.4	8.4	25	16.4	2.29	6	0.02	0.05	13
1145925	411106	7090038	8N	0.05	1.78	15.9	1.8	2	213	1	0.3	0.3	9.6	27	16	2.46	8	0.03	0.05	13
1145927	411103	7090084	8N	0.1	2.03	17.3	1.9	1	208	0.5	0.29	0.2	8.4	25	20.1	2.35	6	0.03	0.04	13
1145928	411102	7090139	8N	0.1	1.42	50.9	2	1	216	0.3	0.42	0.2	7.9	26	15.5	2.3	4	0.02	0.04	14
1145929	411100	7090186	8N	0.05	1.31	32	4.7	2	262	0.3	0.51	0.2	7.4	26	20.3	2.17	4	0.03	0.05	17
1145930	411103	7090239	8N	0.05	1.62	14.7	3.3	2	182	0.3	0.21	0.05	6.6	23	17.9	2.09	5	0.03	0.04	13
1145931	411095	7090288	8N	0.2	1.99	43.9	4.8	1	352	0.4	0.56	0.2	10.5	29	30.3	2.53	6	0.05	0.05	16
1145933	409699	7088887	8N	0.2	2.18	12.1	1.4	2	209	0.2	1.11	0.3	9.7	29	21.5	2.22	6	0.05	0.08	16
1145934	409698	7088936	8N	0.3	2.01	124.6	11.5	3	229	1.1	1.12	0.4	11.7	36	57.9	2.44	6	0.05	0.07	20
1145935	409697	7088987	8N	0.5	2	647	11.5	3	207	10	1.54	0.6	10.1	35	47.6	2.1	6	0.05	0.07	18
1145936	409696	7089037	8N	0.2	1.93	114.8	4.1	3	186	1.4	1.56	0.5	8.6	31	28.4	1.87	6	0.04	0.07	16
1145937	409695	7089086	8N	0.3	2.12	92.6	15.5	3	226	0.8	0.94	0.5	13.7	34	54.9	2.53	7	0.05	0.17	15
1145938	409694	7089136	8N	0.7	1.98	99.4	10.2	2	229	0.6	0.31	0.3	7.9	33	52.5	2.41	7	0.08	0.19	14
1145939	409696	7089189	8N	0.6	2.14	66.5	22.3	3	252	1.1	0.91	0.4	11.6	37	58.7	2.62	7	0.07	0.18	22
1145940	409699	7088838	8N	0.2	2.2	25.5	13.5	3	309	1.3	1.03	0.2	13.5	86	45.7	2.91	7	0.04	0.2	18
1145941	409700	7088785	8N	0.5	2.39	40.8	3.8	3	254	0.8	1.15	1.6	9.8	30	21.8	2.3	6	0.06	0.07	17
1145942	409696	7089240	8N	0.6	1.8	143.1	8	3	281	1.2	0.63	0.2	12.7	31	54.8	2.82	6	0.08	0.1	40
1145943	409694	7089287	8N	0.4	2.7	111.7	4	4	265	1	1.79	0.3	10.8	43	22.6	2.58	9	0.06	0.16	39
1145944	409692	7089337	8N	0.6	2.3	127.4	10.4	3	209	1	1.12	0.9	11.3	33	26.6	2.35	7	0.09	0.12	24
1145945	409691	7089390	8N	0.2	4.18	177.2	12	2	457	0.8	3.91	0.3	12.7	51	21.4	3.36	11	0.02	0.55	22
1145946	409693	7089434	8N	0.3	3.09	57.8	18.5	3	266	0.4	1.94	0.4	11.7	39	30.1	2.43	9	0.04	0.32	20
1145947	409693	7089488	8N	0.5	2.7	42	5	3	248	0.4	1.19	0.7	12.3	36	53.9	2.41	7	0.06	0.17	18
1145948	409691	7089538	8N	0.3	3.2	16.8	3.1	3	277	0.3	1.59	0.7	12.7	42	46.1	2.43	8	0.03	0.27	19
1145949	409689	7089585	8N	0.2	3.29	13.1	5.8	3	391	0.3	1.8	0.5	10.3	45	39.4	2.61	9	0.04	0.27	21
1145950	409694	7089733	8N	0.2	2.4	15.8	4.6	2	214	0.7	0.58	0.7	13	46	33.8	3.28	7	0.03	0.34	21
1147854	420490	7088804	8N	0.05	2.02	17.5	2.5	0.5	112	0.3	0.02	0.05	12.3	26	46.4	3.83	5	0.02	0.05	50
1147855	420539	7088815	8N	0.2	1.38	9.7	1	1	140	0.2	0.08	0.1	8.2	24	12.5	2.41	4	0.02	0.05	15
1147856	420590	7088819	8N	0.05	1.93	12.8	5	0.5	181	0.2	0.09	0.05	10.9	30	28.2	2.75	5	0.03	0.06	23
1147857	420638	7088833	8N	0.05	1.76	15	4.2	0.5	213	0.2	0.07	0.05	9.6	30	23.9	2.62	4	0.02	0.05	15
1147858	420689	7088824	8N	0.05	1.59	12.5	3.3	0.5	195	0.2	0.13	0.1	8	23	15.3	2.29	4	0.01	0.05	14
1147859	420736	7088811	8N	0.2	1.74	11.2	1.7	0.5	199	0.2	0.1	0.1	6.7	24	13.3	2.53	6	0.02	0.04	13
1147860	420783	7088791	8N	0.1	1.88	9.7	0.25	0.5	198	0.2	0.09	0.1	8.4	27	11.2	2.45	6	0.005	0.05	14

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1145890	0.73	518	1.1	0.024	26.6	0.093	20.8	0.025	9.7	4.9	0.25	52	0.1	8.9	0.056	0.3	3.7	49	0.9	81
1145891	0.62	674	0.9	0.035	26.7	0.097	14.7	0.025	4.1	2.8	0.25	54	0.1	2.7	0.039	0.2	1.8	44	0.4	79
1145892	0.38	308	0.8	0.05	21.6	0.067	12.3	0.025	2	2	0.5	65	0.1	4.1	0.032	0.1	1.4	34	0.9	54
1145893	0.41	267	0.8	0.022	22.2	0.088	10.4	0.025	2.9	3.1	0.25	46	0.1	7.6	0.043	0.05	1.3	39	1	63
1145894	0.55	198	0.4	0.053	21.6	0.094	13.7	0.08	2.6	3.3	0.25	79	0.1	5.7	0.036	0.1	2.1	34	1.4	71
1145895	0.42	336	0.7	0.04	19.9	0.092	11.8	0.025	3	2.6	0.25	77	0.1	4.4	0.038	0.1	3.3	37	1.1	64
1145896	0.45	485	0.7	0.041	21.6	0.086	13.9	0.08	1.9	2.4	0.25	60	0.1	2.9	0.039	0.2	2	36	0.3	65
1145897	0.41	391	0.5	0.052	19.3	0.068	12.2	0.025	2.3	2.4	0.5	63	0.1	3.7	0.039	0.1	1.7	33	0.8	59
1145898	0.41	385	0.9	0.008	21.3	0.086	11.1	0.025	7.3	1.9	0.25	21	0.1	2.2	0.033	0.2	2	43	0.7	74
1145899	0.38	237	1	0.005	16.5	0.065	11.1	0.025	28.3	1.3	0.25	14	0.1	1.1	0.024	0.2	2.2	41	0.3	59
1145900	0.47	255	1.4	0.005	14.8	0.042	11.3	0.025	24.8	2	0.25	11	0.1	3.9	0.074	0.2	1.2	50	0.8	57
1145921	0.39	307	0.9	0.005	17.5	0.059	9.9	0.025	60.4	1.9	0.25	12	0.1	3.9	0.032	0.1	1.6	37	0.5	63
1145922	0.39	417	0.7	0.006	17.5	0.059	12.1	0.025	4.6	1.6	0.25	17	0.1	1.8	0.03	0.1	0.9	40	0.3	64
1145923	0.4	360	0.8	0.007	16.5	0.076	16.2	0.025	15.6	1.5	0.25	21	0.1	1.2	0.024	0.1	0.9	38	0.4	63
1145924	0.42	449	0.8	0.015	20.5	0.085	26.2	0.025	1.1	1.4	0.25	28	0.1	1.1	0.025	0.1	0.9	41	0.4	90
1145925	0.39	638	1.1	0.011	17	0.075	20.4	0.025	1	1.3	0.25	23	0.1	0.9	0.028	0.1	0.9	42	0.3	68
1145927	0.41	349	1	0.008	20.1	0.079	20.6	0.025	1.2	1.7	0.25	20	0.1	1.5	0.026	0.1	1	41	0.4	66
1145928	0.46	292	1	0.008	17.7	0.068	14.3	0.025	1	2.2	0.25	24	0.1	1.8	0.026	0.1	3	43	0.3	75
1145929	0.46	274	0.9	0.013	20.2	0.068	14.1	0.025	1.4	2.5	0.25	32	0.1	5.1	0.051	0.1	1.7	42	0.5	62
1145930	0.41	187	0.7	0.006	18	0.071	13	0.025	0.7	1.6	0.25	15	0.1	1.1	0.029	0.1	0.9	39	0.2	54
1145931	0.58	386	0.9	0.016	23.7	0.082	28.5	0.025	1.2	3.1	0.25	32	0.1	2.2	0.039	0.2	1.9	52	0.3	65
1145933	0.51	347	0.7	0.066	25.2	0.05	11.6	0.025	1.1	2.8	0.25	63	0.1	3	0.052	0.1	0.5	41	0.3	59
1145934	0.59	375	0.7	0.099	25.2	0.056	15.3	0.025	1.5	3.2	0.8	86	0.1	6	0.065	0.2	0.8	45	0.9	69
1145935	0.53	481	0.8	0.09	22.9	0.092	21.8	0.07	2.2	2.9	1.2	96	0.1	3.6	0.049	0.2	2.1	37	0.4	69
1145936	0.5	447	0.5	0.112	20	0.09	15.2	0.08	1.7	2.8	0.7	91	0.1	4.5	0.057	0.1	1	35	0.5	58
1145937	0.95	287	2	0.046	33.1	0.071	16.2	0.1	3.6	2.9	1.1	76	0.1	3.7	0.075	0.4	2.3	70	0.7	105
1145938	0.75	222	2.4	0.016	25.2	0.084	23.7	0.07	4	2.4	0.9	46	0.1	1.9	0.066	0.3	2.7	74	0.4	85
1145939	0.74	373	1.7	0.065	30.2	0.104	27.3	0.025	2.9	3.4	0.6	79	0.1	4.8	0.074	0.3	5.3	66	1.1	93
1145940	0.98	501	0.7	0.057	26.8	0.07	15.9	0.025	1.6	5.9	0.6	68	0.1	6.4	0.112	0.4	0.8	67	0.5	76
1145941	0.59	419	0.9	0.074	24.7	0.058	16.1	0.025	1.5	2.9	0.6	73	0.1	3	0.052	0.2	0.7	43	0.3	141
1145942	0.68	366	2.3	0.018	26.4	0.078	26.1	0.07	3.1	3.3	1.2	62	0.1	5.1	0.071	0.3	6.8	67	0.6	87
1145943	1.03	493	0.7	0.16	21.6	0.072	26.5	0.07	2	4.6	0.6	134	0.1	5.7	0.096	0.2	6.6	49	0.2	74
1145944	0.59	477	1.6	0.087	21	0.096	29.6	0.11	2.7	2.4	0.6	83	0.1	1.9	0.055	0.4	3.2	48	0.4	91
1145945	1.49	375	0.4	0.283	26.1	0.086	14.3	0.025	1.1	6.4	0.25	217	0.1	8.8	0.166	0.3	1.2	55	0.5	74
1145946	1.17	386	0.6	0.217	24.6	0.056	12.8	0.08	1.2	4.4	0.7	130	0.1	5.1	0.108	0.3	2.1	46	0.2	70
1145947	0.92	368	1.2	0.076	27.8	0.085	18.3	0.09	1.8	3.1	1.2	78	0.1	2.6	0.074	0.3	3.1	67	0.2	99
1145948	1.13	523	0.8	0.175	29.1	0.074	11.6	0.06	1.5	4.1	0.25	149	0.1	4.1	0.098	0.3	2.5	52	0.2	86
1145949	1.39	478	0.5	0.166	30.1	0.099	11	0.06	1.4	5	0.6	134	0.1	5.3	0.114	0.2	2.1	52	0.1	80
1145950	1.39	285	1.4	0.02	29	0.042	24	0.025	5.4	4.6	0.25	35	0.1	9.3	0.072	0.5	2.5	60	0.1	130
1147854	0.6	294	0.7	0.005	34.3	0.026	24.4	0.025	1.2	2.5	0.25	10	0.1	18.6	0.006	0.05	2	24	0.05	86
1147855	0.33	381	1	0.005	17	0.047	13.2	0.025	0.8	1.7	0.25	9	0.1	3.3	0.022	0.05	0.5	45	0.2	55
1147856	0.47	320	1.2	0.006	25.5	0.027	15.7	0.025	1.1	4.6	0.25	12	0.1	9.4	0.044	0.05	1.7	51	0.1	64
1147857	0.49	272	1.3	0.006	24.5	0.017	13.1	0.025	1	3	0.25	11	0.1	6.8	0.041	0.1	0.9	52	0.2	63
1147858	0.36	291	1	0.004	23	0.046	17.3	0.025	0.8	2.1	0.25	12	0.1	5.8	0.026	0.05	0.6	46	0.1	59
1147859	0.34	232	1.1	0.005	16.7	0.043	13.2	0.025	0.6	2.1	0.25	11	0.1	3.6	0.03	0.1	0.4	58	0.2	53
1147860	0.38	323	1	0.005	18.2	0.046	13.7	0.025	0.6	2.1	0.25	11	0.1	4	0.037	0.05	0.5	58	0.2	62

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1147861	420827	7088769	8N	0.05	1.55	10.2	2.4	1	225	0.2	0.14	0.05	8.4	27	20.8	2.37	5	0.04	0.04	17
1147862	420877	7088767	8N	0.05	1.36	19.8	40.3	1	92	0.4	0.05	0.1	11.3	21	43.9	4.16	4	0.02	0.04	19
1147863	420926	7088755	8N	0.05	1.05	11.7	5.2	0.5	94	0.5	0.03	0.05	14.8	14	59.3	4.68	3	0.02	0.05	26
1147865	420976	7088757	8N	0.05	1.38	11.1	0.7	0.5	94	0.3	0.06	0.05	14.7	23	31.4	3.2	4	0.01	0.04	31
1147866	421027	7088756	8N	0.1	0.73	6.5	13.2	0.5	144	0.3	0.15	0.2	17.4	13	45.5	3.47	2	0.03	0.04	40
1147867	421074	7088773	8N	0.1	1.14	8.5	2.9	0.5	189	0.2	0.34	0.05	10	19	24.8	2.44	3	0.02	0.04	24
1147869	421123	7088784	8N	0.1	1	7.1	3	0.5	58	0.3	0.13	0.1	16.2	15	37.5	3.28	3	0.03	0.07	36
1147870	421175	7088786	8N	0.05	1.15	6	3.1	0.5	108	0.3	0.31	0.1	12	18	33.3	2.89	3	0.02	0.06	33
1147871	421223	7088794	8N	0.05	1.03	5.1	2.6	0.5	133	0.3	0.28	0.05	11	18	24.1	2.26	3	0.02	0.05	24
1147872	421273	7088801	8N	0.05	1.19	6.1	2.3	0.5	207	0.3	0.27	0.05	10.8	22	30.6	2.42	3	0.04	0.04	24
1147873	421323	7088812	8N	0.05	1.29	7	1.2	0.5	167	0.2	0.19	0.1	6.2	21	18.9	2.22	4	0.01	0.04	20
1147874	421373	7088816	8N	0.05	1.42	3.5	1	0.5	67	0.4	0.03	0.05	7.2	20	42.3	3.23	4	0.005	0.04	44
1147875	421423	7088828	8N	0.05	1.29	8.2	0.8	0.5	51	0.3	0.02	0.05	12.1	18	42.7	3.81	4	0.005	0.04	28
1147876	421472	7088838	8N	0.05	1.13	9.4	2.2	0.5	138	0.2	0.1	0.05	6.7	23	18	2.23	3	0.02	0.03	18
1147877	421522	7088841	8N	0.05	0.96	8.1	1.2	1	115	0.2	0.07	0.05	6.7	18	19.3	2.04	3	0.03	0.04	24
1147878	421571	7088845	8N	0.05	0.89	11.6	2.7	0.5	172	0.2	0.1	0.05	8.7	17	25.5	2.3	3	0.03	0.03	25
1147879	421621	7088849	8N	0.05	0.88	12.3	2.9	1	183	0.3	0.12	0.1	10.1	16	30.2	2.53	2	0.05	0.04	26
1147880	421670	7088836	8N	0.05	0.79	12.3	1.8	4	119	0.3	0.1	0.2	10.5	15	30.8	2.51	2	0.04	0.04	24
1147882	421718	7088821	8N	0.05	0.75	7.9	1.2	0.5	129	0.2	0.16	0.05	9.2	14	24.3	2.2	2	0.03	0.05	26
1147883	421766	7088809	8N	0.05	0.94	11.9	30.5	0.5	114	0.3	0.19	0.1	10.4	18	24.5	2.49	3	0.02	0.04	25
1147884	421816	7088800	8N	0.1	1.1	8.2	2.2	1	265	0.2	0.31	0.2	8.7	22	27.2	2.3	3	0.03	0.05	21
1147885	421866	7088809	8N	0.1	1.21	10.7	1.7	0.5	259	0.2	0.22	0.2	9.7	23	20.8	2.24	4	0.04	0.05	16
1147886	421917	7088813	8N	0.1	1.04	24	2.7	0.5	155	0.3	0.17	0.1	11	22	24.5	2.54	3	0.03	0.05	25
1147887	418028	7084829	8N	0.1	1.56	7.3	2.7	0.5	146	0.3	0.23	0.05	11	27	26.7	2.84	4	0.03	0.05	28
1147888	418033	7084879	8N	0.05	1.25	9.5	3	0.5	134	0.3	0.1	0.1	8.3	25	23.1	2.32	4	0.03	0.04	20
1147889	418050	7084925	8N	0.05	1.38	10.9	1.1	0.5	63	0.3	0.04	0.1	10.9	26	25.7	3.39	4	0.02	0.05	22
1147890	418068	7084971	8N	0.05	0.95	11.7	0.9	0.5	40	0.3	0.04	0.1	5.4	21	14.2	2.91	5	0.02	0.04	16
1147891	418077	7085021	8N	0.1	0.75	7.2	1.2	1	73	0.2	0.13	0.05	3	14	10.6	1.44	3	0.04	0.03	13
1147892	418081	7085070	8N	0.1	1.09	10.8	2.2	0.5	117	0.2	0.1	0.2	10	19	22.2	2.1	3	0.02	0.04	18
1147893	418093	7085119	8N	0.1	1.03	10.6	19.7	1	152	0.2	0.1	0.2	7.7	18	20.1	2.13	3	0.03	0.04	17
1147894	418097	7085169	8N	0.05	1.21	9.2	4.2	0.5	170	0.2	0.12	0.2	11.2	19	28.1	2.42	3	0.03	0.04	28
1147895	418103	7085221	8N	0.1	0.92	9.3	4.7	0.5	177	0.2	0.11	0.1	11	18	25.4	2.05	3	0.04	0.04	21
1147896	418129	7085264	8N	0.1	0.87	9.3	19.2	0.5	134	0.2	0.13	0.3	7.7	17	21.6	1.79	3	0.03	0.04	17
1147897	418158	7085305	8N	0.1	1.41	25.2	8.1	1	359	0.3	0.66	0.3	15.2	33	42.7	3.56	5	0.03	0.12	27
1147898	418198	7085337	8N	0.2	1.43	11	2.9	2	319	0.2	1.02	0.2	14.3	39	42.2	3.18	4	0.05	0.11	31
1147899	418240	7085363	8N	0.2	1.41	10.1	2.5	0.5	62	0.5	0.04	0.2	9.4	16	35.4	3.41	4	0.04	0.05	46
1147900	418270	7085403	8N	0.3	1.41	12.5	2.4	0.5	74	0.6	0.1	0.2	16.5	15	60.5	4.62	3	0.06	0.05	57
1147901	410798	7088836	8N	3.3	1.93	1592.4	121.1	3	310	31.7	0.39	0.7	13.2	31	208.6	3.98	6	0.06	0.08	27
1147902	410797	7088886	8N	3.8	2.17	341.8	95.6	6	326	12.5	1.48	1.7	9.1	23	133.9	2.76	6	0.11	0.07	24
1147903	410798	7088936	8N	0.6	2.13	525.6	57.2	6	278	9.1	1.09	0.7	10.2	30	80.3	2.61	6	0.04	0.07	23
1147904	410797	7088985	8N	0.3	1.96	317.2	6.5	2	254	2.3	0.86	0.3	9.9	27	39.1	2.46	6	0.06	0.08	25
1147905	410796	7089036	8N	0.2	1.92	104.1	8.4	3	214	0.5	0.95	0.4	9.8	26	34.9	2.29	6	0.04	0.06	18
1147906	410796	7089086	8N	0.05	1.46	33.6	6.7	1	193	0.6	0.48	0.3	7	25	12.2	2.29	8	0.03	0.06	12
1147907	410796	7089135	8N	0.1	1.28	20.2	4.8	1	124	0.4	0.12	0.1	6.2	21	12.6	2.37	5	0.04	0.05	14
1147908	410796	7089186	8N	0.2	1.94	221.9	6	0.5	191	3.1	0.39	0.2	10.5	28	46.3	2.53	6	0.04	0.11	17
1147909	410796	7089237	8N	0.3	1.64	188.8	11.5	2	197	3.2	0.96	0.3	9.5	26	49.6	2.41	5	0.03	0.08	19

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1147861	0.47	280	1.1	0.007	20	0.022	12.3	0.025	0.7	2.9	0.5	17	0.1	4.6	0.041	0.05	1	50	0.2	55
1147862	0.32	316	2	0.004	26.6	0.067	23.3	0.025	1	1.9	0.6	10	0.1	8.2	0.017	0.05	1.7	33	0.1	88
1147863	0.35	245	2	0.008	29	0.056	34.4	0.07	0.7	1.7	0.5	21	0.2	12.9	0.001	0.05	2.5	9	0.05	99
1147865	0.45	679	1.1	0.005	33.5	0.033	19.1	0.025	0.5	1.7	0.25	9	0.1	12.2	0.02	0.05	1.1	30	0.05	78
1147866	0.22	1141	1.2	0.006	41.5	0.037	26.1	0.025	0.4	2.7	0.25	16	0.1	13.9	0.012	0.05	2.2	18	0.05	85
1147867	0.37	330	0.8	0.007	23.3	0.046	13.3	0.025	0.3	2.1	0.25	28	0.1	6.3	0.014	0.05	1.3	27	0.2	55
1147869	0.4	483	0.7	0.004	38.7	0.041	26.7	0.025	1	2	0.25	16	0.1	15.7	0.006	0.05	1.6	13	0.05	84
1147870	0.44	383	0.6	0.005	30.2	0.04	20.3	0.025	0.5	2	0.5	28	0.1	11.8	0.008	0.05	1.9	19	0.05	64
1147871	0.39	240	0.6	0.005	21.4	0.039	15.4	0.025	0.5	2	0.25	25	0.1	8.1	0.012	0.05	1.2	21	0.05	54
1147872	0.42	355	0.7	0.005	26.9	0.039	17.4	0.025	0.5	2.3	0.25	23	0.1	7.5	0.01	0.05	1.1	27	0.1	56
1147873	0.37	168	0.8	0.006	15.8	0.032	14.2	0.025	0.4	1.8	0.7	16	0.1	3.3	0.018	0.05	0.8	32	0.1	45
1147874	0.64	175	0.8	0.006	18.1	0.028	25.5	0.025	0.6	1.5	0.25	12	0.1	17.3	0.007	0.05	1.9	13	0.05	72
1147875	0.53	298	1.2	0.006	24.4	0.049	21.4	0.025	0.9	1	0.25	10	0.1	10.7	0.008	0.05	1.3	16	0.05	73
1147876	0.34	229	0.7	0.004	15.3	0.048	11.4	0.025	0.5	2.3	0.25	10	0.1	4.4	0.023	0.05	0.8	37	0.1	41
1147877	0.34	241	0.7	0.005	16.6	0.03	13.1	0.025	1	1.7	0.25	10	0.1	6.2	0.024	0.05	0.6	25	0.1	48
1147878	0.33	359	0.6	0.003	21.8	0.042	13.8	0.025	1.4	2.1	0.25	11	0.1	7.3	0.024	0.05	0.7	23	0.1	54
1147879	0.4	431	0.5	0.004	25.6	0.056	15.8	0.025	1.5	2.1	0.25	14	0.1	9.1	0.019	0.05	0.6	17	0.1	63
1147880	0.33	440	0.7	0.003	26	0.048	17.3	0.025	1.7	1.7	0.25	12	0.1	8.4	0.016	0.05	0.6	16	0.05	65
1147882	0.3	448	0.4	0.004	20.1	0.053	16.8	0.025	0.9	1.8	0.25	16	0.1	9.5	0.019	0.05	0.7	16	0.05	54
1147883	0.33	337	0.6	0.003	23.3	0.039	17.6	0.025	1.4	1.5	0.25	15	0.1	7.8	0.015	0.05	0.6	19	0.1	59
1147884	0.41	260	0.8	0.007	22.6	0.066	14.7	0.025	0.8	2.5	0.5	24	0.1	4.3	0.027	0.05	0.7	34	0.1	68
1147885	0.38	362	1	0.006	20.1	0.066	12.7	0.025	0.8	2	0.25	18	0.1	1.4	0.019	0.05	0.7	40	0.2	64
1147886	0.44	317	1	0.005	23.7	0.061	15.7	0.025	1.9	2	0.25	18	0.1	5.8	0.019	0.05	1.4	30	0.2	66
1147887	0.54	281	1	0.007	27	0.044	21.4	0.025	0.6	1.9	0.7	24	0.1	6.9	0.012	0.05	1.8	32	0.05	68
1147888	0.49	279	1	0.005	19.7	0.039	17.1	0.025	0.8	1.8	0.25	13	0.1	2.5	0.019	0.05	1.2	37	0.1	55
1147889	0.45	455	1	0.004	23.7	0.032	24.2	0.025	1.1	1.7	0.25	8	0.1	8.7	0.018	0.05	0.8	36	0.1	65
1147890	0.31	276	1.2	0.003	12.5	0.035	14.1	0.025	0.9	1.3	0.25	7	0.1	4.6	0.04	0.05	0.5	47	0.1	55
1147891	0.23	101	0.6	0.005	8.7	0.034	10	0.025	0.5	0.8	0.25	14	0.1	0.7	0.018	0.05	0.7	28	0.1	28
1147892	0.4	390	0.8	0.005	18.6	0.044	17.2	0.025	0.8	1.4	0.25	10	0.1	2	0.019	0.05	0.9	31	0.2	54
1147893	0.35	262	0.8	0.005	19.4	0.05	14.6	0.025	1.1	1.3	0.25	12	0.1	1.2	0.019	0.05	1	30	0.2	53
1147894	0.48	300	0.7	0.005	25.9	0.051	17.6	0.025	0.8	1.5	0.25	13	0.1	4	0.021	0.05	1.1	30	0.2	63
1147895	0.37	327	0.7	0.005	19.2	0.055	13.1	0.025	0.7	1.7	0.25	13	0.1	2.7	0.019	0.05	1.1	28	0.3	52
1147896	0.33	250	0.6	0.005	17.2	0.061	10.6	0.025	0.8	1.6	0.25	13	0.1	1.6	0.023	0.05	0.8	31	0.4	49
1147897	0.76	560	2	0.007	30.8	0.079	53.6	0.025	7.4	3.7	0.25	70	0.1	7.5	0.047	0.2	0.9	61	0.2	103
1147898	0.71	636	1.3	0.005	36.1	0.065	27	0.025	3.5	3.2	0.25	84	0.1	7	0.025	0.1	1.3	42	0.1	88
1147899	0.44	196	2.4	0.005	31.5	0.055	30.6	0.025	1.9	1.1	0.25	39	0.1	16.7	0.008	0.05	2.1	23	0.05	75
1147900	0.5	330	2.7	0.007	44.7	0.062	44.4	0.025	0.7	1.1	0.25	43	0.1	29.1	0.005	0.05	2.9	14	0.05	81
1147901	0.51	719	1.6	0.014	27.1	0.092	15.6	0.025	160.8	3.7	1.1	35	0.1	6.6	0.038	0.2	5.3	46	2.6	111
1147902	0.49	729	0.9	0.052	24.3	0.129	88.7	0.08	66	2.6	0.8	71	0.1	3.6	0.029	0.2	2.2	34	0.8	142
1147903	0.59	455	0.6	0.042	24.6	0.104	22.6	0.025	48.1	3.7	0.7	52	0.1	5.1	0.047	0.2	1.7	41	0.6	94
1147904	0.49	293	0.9	0.021	24.3	0.067	12.7	0.025	5.7	3.5	0.25	46	0.1	4.5	0.04	0.2	1.9	40	0.4	68
1147905	0.47	343	0.8	0.051	23.6	0.051	15	0.025	1.3	2.9	0.25	50	0.1	3.7	0.05	0.2	1.2	39	0.4	61
1147906	0.36	271	1	0.012	15.5	0.035	11.8	0.025	1.7	1.9	0.25	24	0.1	2.4	0.064	0.1	0.6	56	0.2	43
1147907	0.32	248	1.5	0.005	14.9	0.037	13.4	0.025	1.1	1.3	0.25	13	0.1	1.3	0.04	0.1	0.9	52	0.4	46
1147908	0.56	244	0.9	0.024	25.2	0.069	10.7	0.025	1.9	3.1	0.5	52	0.1	4.8	0.065	0.2	1.2	43	0.4	66
1147909	0.54	295	0.7	0.054	23.6	0.074	12.9	0.025	2.6	3.1	0.25	77	0.1	6.2	0.057	0.2	0.8	40	0.6	63

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1147910	410796	7089284	8N	0.1	1.53	78.3	7.8	2	192	1	0.89	0.2	9.7	23	27	2.04	4	0.04	0.05	19
1147911	410798	7089335	8N	0.1	1.58	212	4.3	2	168	2.1	0.44	0.2	9.1	23	25.5	2.25	4	0.09	0.05	27
1147912	410797	7089385	8N	0.2	2.54	52.5	2	4	216	1.1	2.04	0.5	8.6	28	20.5	1.73	7	0.07	0.06	18
1147913	410797	7089436	8N	0.2	1.42	117	17.3	3	194	1.8	0.69	0.5	9.8	24	27.3	2.36	4	0.09	0.05	28
1147914	410797	7089485	8N	0.2	1.52	171.3	10	3	212	2.4	1.12	0.3	7.7	24	26.8	2.37	4	0.05	0.06	24
1147915	410798	7089535	8N	0.2	1.78	137.9	19.9	4	267	1.7	1.5	0.4	8	26	24.3	2.07	5	0.08	0.04	21
1147916	410796	7089585	8N	0.2	1.44	85.7	8.8	3	230	1.9	1.09	0.5	8.6	21	27.5	1.97	4	0.05	0.05	20
1147917	410797	7089635	8N	0.2	1.62	64.9	5.8	4	252	1	1.57	0.5	8.8	23	28.5	1.71	5	0.04	0.04	19
1147918	410797	7089685	8N	0.2	1.56	72.6	6.6	4	235	1.2	1.39	0.4	8.5	24	25.3	1.8	5	0.07	0.05	17
1147919	410797	7089735	8N	0.2	1.57	52.8	43.7	4	304	0.8	1.16	0.2	8.5	30	22.3	2.12	5	0.08	0.05	22
1147920	410798	7089786	8N	0.2	1.84	59	4.6	3	302	1.4	0.69	0.3	10.1	30	26.7	2.28	6	0.06	0.06	21
1147921	410797	7089836	8N	0.2	1.64	117.6	6.2	5	215	1.1	0.64	0.7	10.4	29	28.4	2.49	4	0.05	0.06	26
1147922	410798	7089886	8N	0.2	1.44	118.6	7.3	4	218	1.1	1.3	0.5	8.4	23	25.8	1.82	5	0.07	0.04	16
1147923	410799	7089936	8N	0.4	1.64	182.5	8	5	276	2.7	1.71	0.6	10.6	26	42.1	2.07	5	0.06	0.07	20
1147924	410799	7089987	8N	0.2	1.74	75.1	2.6	2	207	1.1	0.95	0.5	7.9	24	20.4	2.05	6	0.04	0.05	17
1147925	410798	7090036	8N	0.2	1.72	50.3	2.1	1	184	1	0.5	0.7	8.2	23	16.2	2.09	6	0.03	0.05	13
1147926	410799	7090087	8N	0.4	1.8	65.3	6.8	4	245	2.1	0.82	2.6	8.4	29	30.8	2.31	6	0.03	0.06	21
1147927	410797	7090136	8N	0.2	1.78	25	3.9	2	264	0.4	0.63	0.3	9.4	24	28.1	2.21	6	0.04	0.05	17
1147928	410797	7090187	8N	0.2	1.75	47.5	9	3	283	0.9	0.87	0.3	9.4	25	27.6	2.06	5	0.04	0.05	18
1147929	410797	7090237	8N	0.3	1.88	58.7	4.3	4	299	0.9	1.06	0.5	10.7	28	47.7	2.22	6	0.04	0.07	23
1147930	410798	7090286	8N	0.3	1.86	20.3	4	3	323	0.4	0.91	0.1	9.6	28	19.3	2.13	6	0.05	0.05	20
1147931	409898	7088836	8N	0.2	1.53	39.5	11.8	2	164	0.7	0.81	0.4	7.8	34	19.6	2.01	4	0.09	0.07	17
1147932	409897	7088885	8N	0.5	1.7	83.8	26.5	1	167	1.2	0.78	0.4	8	28	64.7	1.77	5	0.05	0.05	15
1147933	409897	7088936	8N	0.2	2.01	27.5	12.8	3	179	1.8	1.15	0.4	7.6	21	26.3	1.79	5	0.05	0.04	15
1147934	409897	7088986	8N	0.2	1.78	20.5	6.5	4	195	1.1	2.39	0.5	7.4	26	29.1	1.5	5	0.07	0.05	13
1147935	409897	7089036	8N	0.3	1.77	29.7	20	4	214	0.7	2.1	0.5	7.5	29	25.6	1.69	5	0.09	0.06	14
1147936	409896	7089086	8N	0.2	1.91	79.8	28.6	3	208	0.8	1.93	0.6	8.1	25	29.8	1.87	5	0.07	0.07	16
1147937	409896	7089136	8N	0.2	1.8	91.2	24.7	5	250	0.7	1.81	0.6	9.4	25	34.4	1.75	5	0.07	0.06	15
1147938	409895	7089186	8N	0.1	1.78	80.8	15.9	3	186	0.6	1.61	0.4	8.8	25	22.5	1.71	5	0.1	0.05	14
1147939	409895	7089236	8N	0.2	1.96	101.3	7.4	5	210	0.8	2.1	0.5	9.9	28	23.5	1.7	6	0.06	0.05	14
1147940	409897	7089284	8N	0.2	2.25	26.4	13.6	2	269	0.4	1.92	0.6	9.2	36	32.4	1.89	7	0.04	0.11	13
1147941	409896	7089435	8N	0.1	1.77	41.3	4.1	1	255	0.4	1.08	0.4	10.3	27	18.4	1.94	5	0.06	0.04	14
1147942	409897	7089485	8N	0.1	2.38	76.2	2.3	1	211	0.2	1.22	0.2	10.4	35	18	2.24	7	0.04	0.1	16
1147943	409897	7089535	8N	0.1	1.93	49.9	7.6	0.5	175	0.2	0.84	0.3	10.6	32	19.1	2.43	6	0.06	0.06	14
1147944	409897	7089586	8N	0.05	4.01	15.3	2.1	1	329	0.2	3.87	0.2	10.6	53	16.2	2.71	12	0.02	0.54	17
1147945	409897	7089635	8N	0.05	2.68	16.3	2	0.5	302	0.2	2.54	0.3	10.9	40	20.9	2.47	8	0.03	0.31	15
1147947	409898	7089685	8N	0.05	3.51	7.8	1.2	1	285	0.2	3.18	0.3	11	48	17.5	2.75	10	0.04	0.35	18
1147948	409898	7089735	8N	0.1	2.32	10.1	4.1	1	262	0.2	2.67	0.4	9.6	41	21.4	2.47	7	0.04	0.25	18
1147949	409898	7089785	8N	0.1	1.32	15.4	3.7	0.5	163	0.2	0.2	0.3	10.1	27	45.1	2.15	4	0.03	0.05	12
1147950	409897	7089836	8N	0.05	1.97	24.7	5	1	194	0.4	0.19	0.3	10.7	35	69.3	2.79	5	0.03	0.08	13
1147951	409897	7089885	8N	0.2	2.31	16	6.2	2	457	0.4	0.66	0.6	18.7	45	67.8	3.55	8	0.02	0.32	24
1147952	409898	7089935	8N	0.1	2.34	16	2	0.5	246	0.3	0.67	0.3	10.9	43	25.6	2.47	7	0.03	0.1	19
1147953	409898	7089986	8N	0.05	2.81	15.1	1.8	1	258	0.2	0.45	0.2	11.5	43	18.9	2.83	8	0.03	0.11	19
1147954	409898	7090038	8N	0.1	1.87	17.4	2.6	1	261	0.2	0.49	0.3	10.9	36	27.2	2.46	6	0.04	0.08	18
1147955	409898	7090085	8N	0.05	1.86	54.9	4.4	0.5	248	0.6	0.35	0.2	10.2	34	29.8	2.44	6	0.03	0.07	19
1147956	409899	7090136	8N	0.05	1.71	168.1	8.6	2	157	2.5	0.24	0.3	9.1	31	39	2.31	5	0.03	0.11	17

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1147910	0.45	256	0.4	0.067	25.5	0.063	11.9	0.025	1.4	2.6	0.25	63	0.1	6.1	0.05	0.1	0.7	36	0.6	53
1147911	0.39	321	0.7	0.038	22.6	0.075	10.8	0.025	1.6	2.5	0.25	46	0.1	6.4	0.052	0.1	1.3	37	1.2	61
1147912	0.45	363	0.8	0.127	21.7	0.088	15.6	0.09	1.1	2	0.25	117	0.1	3.2	0.048	0.1	1.1	31	0.4	48
1147913	0.42	276	0.7	0.044	24.3	0.08	13.5	0.025	3.1	2.7	0.25	59	0.1	7.1	0.05	0.05	1.4	41	1.2	66
1147914	0.46	260	0.5	0.063	19.1	0.096	12.4	0.025	3.1	2.3	0.25	87	0.1	6.4	0.03	0.1	1.4	35	1.1	60
1147915	0.4	354	0.6	0.092	19.2	0.083	14.3	0.08	2.2	2	0.25	76	0.1	4.6	0.029	0.1	1.8	33	1	56
1147916	0.41	232	0.4	0.052	21.6	0.097	12.8	0.05	1.3	1.9	0.25	56	0.1	4.9	0.032	0.1	1.1	32	0.9	59
1147917	0.41	384	0.6	0.076	20.3	0.083	15.1	0.08	2.5	2.3	0.6	72	0.1	4	0.036	0.1	1.9	32	0.6	55
1147918	0.43	331	0.5	0.078	19.9	0.078	13.2	0.06	3.7	2.1	0.25	69	0.1	4.2	0.039	0.1	1.6	34	1	58
1147919	0.46	694	0.5	0.057	20.7	0.081	13.1	0.06	15.3	3.4	0.5	62	0.1	6.3	0.043	0.1	1.5	43	1.9	61
1147920	0.55	970	0.5	0.024	24.9	0.07	15.3	0.025	11.8	3.8	0.25	43	0.1	6.2	0.037	0.1	0.9	42	0.6	65
1147921	0.46	349	0.7	0.024	29.6	0.045	19.4	0.025	11.2	4.9	0.25	37	0.1	5.8	0.031	0.2	0.9	44	0.7	74
1147922	0.42	323	0.6	0.027	19.3	0.076	19	0.1	2.9	2	0.25	48	0.1	2.3	0.036	0.2	1	35	0.7	59
1147923	0.52	415	0.8	0.039	24.3	0.091	15.6	0.1	15.1	3	0.6	72	0.1	3.1	0.046	0.2	1.7	36	0.4	65
1147924	0.4	303	0.8	0.014	17.5	0.099	25.9	0.07	1.7	1.8	0.25	45	0.1	1	0.023	0.1	1.7	43	0.4	76
1147925	0.38	444	1.2	0.01	15.7	0.092	22.8	0.06	0.9	1.1	0.25	33	0.1	0.5	0.02	0.2	1.1	44	0.3	72
1147926	0.52	300	0.7	0.025	23.7	0.062	24.5	0.025	1.9	3.2	0.25	56	0.1	3.3	0.041	0.2	1	44	0.7	172
1147927	0.46	364	0.9	0.016	22.4	0.063	25.2	0.025	1.2	2.6	0.25	33	0.1	2.4	0.033	0.1	1.1	41	0.4	67
1147928	0.45	305	0.7	0.027	22.8	0.072	31.7	0.025	1.7	2.6	0.25	43	0.1	3	0.035	0.2	1.1	40	0.4	57
1147929	0.53	327	0.8	0.038	31.2	0.07	39	0.025	3.2	3.4	0.25	54	0.1	4.7	0.047	0.2	1.7	45	0.3	69
1147930	0.52	346	0.7	0.044	20.5	0.047	33.4	0.025	3.8	3.1	0.25	51	0.1	6.6	0.054	0.2	1.5	40	0.5	54
1147931	0.53	259	0.7	0.067	16.8	0.059	14.6	0.025	1.2	2.5	0.25	68	0.1	4.9	0.059	0.1	1	39	1.4	57
1147932	0.42	287	0.5	0.047	16.9	0.063	13.9	0.07	1	1.8	0.25	51	0.1	2.4	0.034	0.1	1.3	33	0.8	51
1147933	0.36	411	0.7	0.046	16.6	0.093	15.3	0.1	1	1.6	0.6	62	0.1	1.7	0.026	0.05	0.7	30	0.5	52
1147934	0.46	562	0.5	0.073	15.7	0.1	14.7	0.17	1.3	1.4	0.9	93	0.1	1.5	0.022	0.2	0.8	25	0.2	60
1147935	0.51	466	0.7	0.077	17.2	0.09	17.7	0.14	1.6	1.9	0.9	96	0.1	2.2	0.03	0.1	0.9	29	0.7	55
1147936	0.59	418	0.6	0.095	17	0.103	13	0.11	2	2	0.25	109	0.1	2.5	0.031	0.2	1	32	1.2	60
1147937	0.42	420	0.7	0.073	19.9	0.096	15.3	0.1	1.4	1.9	0.25	95	0.1	2.2	0.031	0.1	1.3	33	0.5	63
1147938	0.39	368	0.6	0.091	19	0.067	11.5	0.08	1.4	1.7	0.7	83	0.1	2.4	0.038	0.1	1.3	35	0.9	57
1147939	0.46	525	0.6	0.106	21.3	0.087	18.8	0.13	1.6	1.8	0.6	105	0.1	1.9	0.037	0.1	1.7	31	0.3	58
1147940	0.82	488	0.6	0.129	21.2	0.082	16.5	0.13	1.8	2.7	0.6	119	0.1	2.6	0.07	0.3	2	45	0.3	66
1147941	0.45	461	0.6	0.047	20	0.079	10.4	0.08	1.2	2.2	0.25	57	0.1	2.2	0.034	0.1	3.3	37	0.4	61
1147942	0.75	400	0.4	0.11	22	0.07	10.7	0.025	1.1	3.3	0.25	90	0.1	3.5	0.066	0.1	3.7	44	0.3	64
1147943	0.67	340	0.4	0.062	22.8	0.073	11.1	0.025	1	3.4	0.5	61	0.1	4.5	0.057	0.1	3.2	45	0.3	67
1147944	1.46	459	0.4	0.354	22.7	0.084	12.3	0.025	0.7	6.5	0.25	236	0.1	9.3	0.155	0.3	0.7	55	0.2	59
1147945	1.02	394	0.7	0.159	24.2	0.085	10.8	0.025	1.1	4.8	0.25	149	0.1	7.1	0.109	0.2	0.6	50	0.2	64
1147947	1.22	468	0.5	0.223	23.9	0.079	11.4	0.025	0.7	6	0.25	209	0.1	7.5	0.145	0.2	0.7	54	0.2	61
1147948	1.06	384	0.6	0.151	23.9	0.089	11.2	0.025	2.1	5	0.25	119	0.1	7.4	0.106	0.2	0.9	49	0.3	66
1147949	0.42	314	1.4	0.006	26.2	0.073	9.2	0.025	1.7	2.1	0.25	16	0.1	2.2	0.037	0.1	1	51	0.3	75
1147950	0.58	256	2.5	0.008	30.8	0.067	11.6	0.025	2.5	2.8	0.8	26	0.1	3.3	0.046	0.3	1.6	69	0.2	79
1147951	1.06	486	1.9	0.019	33.5	0.146	30.5	0.025	2.7	4.2	0.25	82	0.1	10.4	0.144	0.6	1.8	83	0.3	137
1147952	0.83	336	0.6	0.057	24.6	0.079	14	0.025	1.5	4.2	0.25	81	0.1	4.2	0.075	0.2	0.8	54	0.1	76
1147953	0.83	385	0.9	0.024	26.5	0.083	16.1	0.025	1.2	4.8	0.25	51	0.1	6.1	0.083	0.2	1	55	0.2	71
1147954	0.69	364	0.7	0.03	27.3	0.072	11.8	0.025	1.4	4.2	0.25	50	0.1	5.3	0.069	0.1	0.7	49	0.3	71
1147955	0.67	354	0.7	0.012	25.3	0.08	10.8	0.025	7.1	3.9	0.25	37	0.1	5.4	0.078	0.2	0.8	48	0.4	65
1147956	0.47	235	0.8	0.007	18.7	0.07	10.3	0.025	14.1	2.6	0.25	19	0.1	5	0.067	0.3	1.3	44	0.7	51

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1147957	409898	7090186	8N	0.2	2.23	147.5	14.4	0.5	285	1.8	0.46	0.3	11.4	44	44.4	2.78	7	0.03	0.22	21
1147958	409898	7090236	8N	0.1	1.78	75.2	4.6	0.5	201	1.1	0.35	0.2	8.4	32	25.7	2.28	6	0.03	0.08	15
1147959	409898	7090286	8N	1	2.81	47.5	9.9	1	287	0.7	0.57	2.1	15.9	57	123.6	4.28	11	0.02	0.59	28
1147960	409599	7088786	8N	0.05	1.59	10.7	1.8	0.5	149	0.2	1.17	0.3	7	19	10.7	1.66	5	0.04	0.03	9
1147961	409599	7088836	8N	0.2	1.72	19.8	9.7	1	190	0.9	1.31	0.5	8.6	27	40.1	1.89	5	0.04	0.06	13
1147962	409598	7088885	8N	0.2	1.73	12.8	7.1	2	155	0.3	0.79	0.5	8.2	22	15.2	1.85	5	0.05	0.04	13
1147963	409598	7088936	8N	0.1	2.05	7.3	1	2	174	0.2	1.89	0.3	7.2	27	12.5	1.66	6	0.06	0.07	10
1147964	409598	7088987	8N	0.3	1.11	160.4	3	2	163	1.8	1.14	0.4	6.5	22	20.8	1.44	3	0.04	0.04	13
1147965	409597	7089038	8N	0.8	1.67	39.8	4.6	0.5	119	0.3	0.11	0.2	10.1	27	57.3	2.31	5	0.05	0.05	9
1147966	409597	7089087	8N	0.2	1.56	44.9	1.9	0.5	117	0.2	0.09	0.3	9.1	20	37.4	2.05	4	0.07	0.04	8
1147967	418306	7085438	8N	0.2	1.16	11.2	1.8	0.5	45	0.4	0.04	0.05	14.8	14	35.7	3.63	4	0.04	0.06	52
1147968	418320	7085485	8N	0.2	1.29	14	3	1	190	0.4	0.19	0.2	27	29	66.8	4.9	3	0.05	0.18	32
1147969	418337	7085535	8N	0.2	1.72	12.4	9.4	0.5	286	0.2	0.43	0.3	17.2	44	51.2	3.81	6	0.02	0.14	27
1147970	418350	7085583	8N	0.3	1.6	13.2	8	0.5	349	0.3	0.78	0.2	20.2	45	70.5	4.09	6	0.03	0.19	36
1147971	418385	7085619	8N	0.05	1.35	10.5	2.5	0.5	133	0.2	0.13	0.1	12.8	27	24.8	2.76	4	0.04	0.08	19
1147972	418420	7085656	8N	0.1	1.33	9.5	3.3	0.5	159	0.2	0.19	0.2	10.7	29	33.9	2.87	4	0.03	0.09	19
1147973	418451	7085696	8N	0.2	1.76	9.1	16	0.5	193	0.2	0.36	0.2	17.5	43	71.2	3.65	6	0.04	0.09	17
1147974	418460	7085744	8N	0.1	1.31	8.5	8.3	2	218	0.2	0.25	0.2	11	31	35.4	2.78	4	0.04	0.07	19
1147975	418483	7085790	8N	0.1	1.26	7.7	1.9	2	246	0.3	0.25	0.3	11.1	24	23.2	2.59	4	0.05	0.08	22
1147976	418512	7085831	8N	0.05	1.17	8.5	6.3	0.5	223	0.2	0.29	0.2	9.2	22	21.4	2.42	4	0.04	0.07	21
1147977	418583	7085902	8N	0.1	1.07	10.5	3.8	0.5	200	0.3	0.24	0.3	16.2	18	28.6	2.68	3	0.03	0.04	28
1147978	418614	7085998	8N	0.1	1.34	6.3	3	2	175	0.4	0.31	0.1	13	21	27.1	2.73	4	0.04	0.04	30
1147979	418661	7086089	8N	0.2	1.27	8.1	3.6	0.5	120	0.4	0.14	0.1	16.1	19	30.5	2.91	4	0.03	0.03	36
1147980	418717	7086172	8N	0.2	1.29	9	2.2	1	117	0.4	0.14	0.1	14.8	23	27.5	2.9	4	0.03	0.04	27
1147981	418747	7086214	8N	0.2	1.37	6.9	5	1	158	0.4	0.13	0.2	10.6	23	29.6	2.49	4	0.04	0.04	30
1147982	417102	7085848	8N	0.05	1.02	10.3	0.25	1	59	0.2	0.06	0.2	8.4	16	15.7	2.72	3	0.02	0.04	20
1147983	417137	7085885	8N	0.05	1.27	36.2	0.25	0.5	45	0.3	0.06	0.05	15	39	31.9	3.71	4	0.02	0.03	23
1147984	417164	7085926	8N	0.05	1.18	6.7	3.9	0.5	118	0.3	0.07	0.05	8	15	25	3.37	4	0.03	0.09	27
1147985	417209	7085951	8N	0.05	1.03	14.1	0.7	1	104	0.4	0.41	0.2	13.9	27	31.3	3.46	3	0.03	0.16	37
1147986	417230	7085997	8N	0.05	1.21	12.4	0.25	0.5	94	0.3	0.1	0.2	11.6	27	19.9	3.13	5	0.04	0.09	21
1147987	417267	7086031	8N	0.05	1.1	5.9	0.25	0.5	69	0.6	0.1	0.1	16.1	11	29.6	3.29	3	0.03	0.12	47
1147988	417308	7086062	8N	0.05	0.89	9	2.6	0.5	77	0.3	0.06	0.2	10.7	15	19.7	2.15	3	0.03	0.04	18
1147989	417338	7086100	8N	0.05	1.02	7.7	0.9	0.5	91	0.2	0.05	0.2	13.6	19	15.7	2.26	4	0.03	0.04	9
1147990	417378	7086132	8N	0.1	1.47	5.4	0.25	0.5	43	0.5	0.02	0.2	16.5	18	36.4	4.25	4	0.04	0.04	35
1147991	417421	7086158	8N	0.05	1.32	9	1.7	1	58	0.5	0.03	0.05	6.9	18	25.3	3.05	4	0.02	0.03	35
1147992	417465	7086182	8N	0.05	0.94	9.9	0.25	0.5	46	0.2	0.04	0.05	4.2	16	12.8	2.75	5	0.04	0.02	22
1147993	417501	7086215	8N	0.05	1.08	7.1	0.25	0.5	26	0.6	0.01	0.05	5.5	15	48.2	3.53	3	0.01	0.04	48
1147994	417537	7086251	8N	0.05	1.14	8.8	1.8	0.5	32	0.4	0.06	0.05	16.2	16	29.1	2.82	4	0.01	0.02	30
1147995	417577	7086282	8N	0.05	0.8	6.7	2.3	0.5	75	0.2	0.11	0.05	4.8	15	15.3	1.59	4	0.03	0.02	15
1147996	417624	7086303	8N	0.05	1.4	19.8	0.25	0.5	44	0.2	0.07	0.05	11.6	27	26.7	3.14	5	0.02	0.02	28
1147997	417653	7086344	8N	0.05	2.21	37.1	1.4	0.5	93	0.3	0.29	0.4	54.4	54	64.1	4.82	6	0.02	0.03	29
1147998	417693	7086373	8N	0.05	1.15	5.9	3.5	0.5	45	0.4	0.02	0.05	4.8	15	26.7	3.03	4	0.02	0.03	55
1147999	417736	7086400	8N	0.05	1.39	9.3	1.5	0.5	81	0.2	0.07	0.05	5.1	18	11.6	2.14	5	0.03	0.02	11
1148000	417784	7086418	8N	0.05	1.48	11.6	2.1	0.5	74	0.2	0.07	0.2	10.4	26	13.1	2.83	5	0.02	0.04	15
1148678	418681	7085530	8N	0.1	1.74	10.8	2.8	0.5	152	0.2	0.23	0.05	15.1	51	41.8	3.61	6	0.03	0.11	23
1148679	418686	7085580	8N	0.2	2.12	9.3	1.9	0.5	128	0.2	0.61	0.2	19	76	61.7	3.94	6	0.03	0.2	22

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1147957	0.89	368	0.8	0.018	25.7	0.083	14.2	0.025	11.7	4.9	0.25	39	0.1	8.9	0.106	0.3	1.5	53	0.7	73
1147958	0.55	248	0.9	0.008	21	0.067	11.2	0.025	6.9	2.5	0.25	28	0.1	3	0.055	0.2	1.1	46	0.4	62
1147959	2.21	338	6.2	0.008	53.9	0.129	21.2	0.22	9.1	6.1	2.1	58	0.1	8.8	0.073	0.8	4.2	136	0.2	294
1147960	0.27	364	0.7	0.042	15.7	0.065	12.6	0.025	0.8	1.3	0.25	52	0.1	0.9	0.017	0.05	0.5	27	0.1	41
1147961	0.56	392	0.5	0.043	21.5	0.07	13.2	0.025	1.1	2.7	0.7	79	0.1	2.9	0.027	0.1	0.4	31	0.4	56
1147962	0.39	335	0.8	0.062	20.8	0.051	9.8	0.025	0.9	1.9	0.25	58	0.1	3	0.025	0.05	0.7	32	0.5	53
1147963	0.56	449	0.4	0.137	15.8	0.064	10.1	0.1	0.7	2	0.25	115	0.1	1.3	0.049	0.1	0.5	30	0.2	42
1147964	0.35	236	0.6	0.023	14.6	0.066	20.5	0.025	1.2	1.7	0.25	55	0.1	1.6	0.023	0.05	1	25	0.3	62
1147965	0.47	281	1.5	0.006	32.1	0.054	23.3	0.025	1.8	1.6	0.25	13	0.1	1.1	0.028	0.2	0.9	57	0.2	65
1147966	0.32	222	2.2	0.006	26	0.037	17.1	0.025	1.3	1.3	0.25	12	0.1	1	0.021	0.05	0.5	39	0.3	56
1147967	0.42	419	1.5	0.006	30.5	0.055	33.7	0.025	3	1.2	0.25	27	0.1	18.6	0.006	0.05	2.4	19	0.05	81
1147968	0.58	917	1.5	0.006	60.1	0.092	38.7	0.1	6.3	2.8	0.5	75	0.1	11.2	0.013	0.2	1.9	25	0.05	115
1147969	0.95	589	1.9	0.007	40.9	0.088	23.8	0.025	2.1	4	0.25	52	0.1	7.9	0.065	0.2	1	64	0.2	90
1147970	1.02	813	3.1	0.008	35	0.158	37	0.025	4	4.1	0.25	115	0.1	10.8	0.076	0.2	1.2	71	0.3	107
1147971	0.45	608	1.3	0.006	25.2	0.037	21	0.025	1.1	2	0.6	15	0.1	5.5	0.02	0.1	0.7	40	0.2	64
1147972	0.52	283	1	0.006	26.8	0.036	14.6	0.025	1.5	2.3	0.25	17	0.1	6	0.024	0.1	0.7	46	0.1	59
1147973	0.83	485	1.4	0.005	39	0.048	16.3	0.025	1.6	3.8	0.25	28	0.1	4.6	0.038	0.1	0.9	69	0.2	77
1147974	0.54	409	1.2	0.005	25.4	0.058	17.4	0.025	1.5	2.9	0.25	26	0.1	4	0.027	0.1	0.8	52	0.2	67
1147975	0.46	619	1.4	0.007	20.3	0.058	24.3	0.025	1.2	2.8	0.25	33	0.1	4.6	0.026	0.1	1.1	45	0.2	70
1147976	0.51	400	1	0.006	20.7	0.067	12.9	0.025	0.9	2.3	0.25	31	0.1	4.2	0.019	0.05	0.8	37	0.4	63
1147977	0.5	951	1	0.005	25.6	0.062	18.4	0.025	1.6	1.9	0.25	27	0.1	7.9	0.017	0.05	1.7	26	0.2	72
1147978	0.56	502	1	0.005	23.2	0.049	21.6	0.025	0.6	1.8	0.25	35	0.1	8.9	0.008	0.05	1.9	25	0.1	65
1147979	0.53	768	1	0.004	24.7	0.046	22.8	0.025	0.9	1.5	0.7	20	0.1	10	0.006	0.05	1.9	25	0.1	67
1147980	0.51	486	1	0.011	22.2	0.046	22.8	0.025	1.2	1.5	0.25	17	0.1	8.9	0.012	0.05	1.2	30	0.1	65
1147981	0.52	245	0.8	0.005	23	0.046	22.9	0.025	1	1.8	0.25	18	0.1	7.4	0.011	0.05	1.8	28	0.1	65
1147982	0.28	196	0.8	0.003	18.5	0.032	19	0.025	0.8	1.2	0.6	8	0.1	5.8	0.018	0.05	0.7	30	0.1	51
1147983	0.56	350	1.4	0.003	53	0.046	22.3	0.025	0.9	1.9	0.25	11	0.1	6.4	0.013	0.1	1.5	31	0.05	63
1147984	0.26	234	0.8	0.004	17.2	0.028	15.8	0.07	1.7	1.7	0.25	17	0.1	11.6	0.021	0.2	1.3	29	0.1	47
1147985	0.32	700	1.1	0.006	30.9	0.07	29.3	0.09	0.9	1.6	0.9	33	0.1	4.9	0.011	0.2	1.8	18	0.05	67
1147986	0.29	494	1.1	0.004	21.8	0.032	25.6	0.05	1.5	1.7	0.5	13	0.1	4.4	0.023	0.2	1	40	0.1	80
1147987	0.26	659	0.8	0.004	25.4	0.047	60.2	0.025	1.6	1.2	0.25	12	0.1	9	0.005	0.2	2.2	18	0.05	94
1147988	0.22	596	0.7	0.003	20.4	0.039	26.5	0.025	2.4	0.7	0.25	10	0.1	1	0.01	0.1	0.9	25	0.2	61
1147989	0.23	896	1.2	0.003	17.6	0.043	18.8	0.025	1.1	1	0.25	6	0.1	1.1	0.015	0.1	0.6	38	0.2	61
1147990	0.5	309	2.1	0.004	29.5	0.057	32.1	0.06	0.4	1.1	0.7	16	0.1	9.9	0.004	0.05	1.9	17	0.05	66
1147991	0.51	202	1.1	0.006	13.6	0.05	25.2	0.025	0.4	0.7	0.25	22	0.1	6.1	0.007	0.05	1.8	20	0.05	63
1147992	0.25	114	1.1	0.004	11.3	0.039	16.8	0.07	0.5	0.8	0.25	10	0.1	1.4	0.017	0.1	0.8	36	0.05	35
1147993	0.47	101	1.1	0.008	12.4	0.049	35.1	0.025	1.2	0.6	0.25	19	0.1	17	0.005	0.05	2.2	12	0.05	55
1147994	0.51	332	0.8	0.004	33.4	0.05	20.3	0.025	0.6	0.8	0.25	12	0.1	5.4	0.012	0.05	1.4	22	0.1	63
1147995	0.13	114	1.2	0.003	12.2	0.074	12.7	0.025	0.5	0.4	0.25	15	0.1	0.3	0.012	0.05	1.5	35	0.2	28
1147996	0.69	208	1.1	0.005	30.2	0.057	14	0.025	0.6	0.9	0.25	15	0.1	1.6	0.011	0.05	1	39	0.05	53
1147997	1.15	1082	1.3	0.004	114.1	0.126	28.9	0.025	1.1	3.4	0.25	20	0.1	7.9	0.017	0.05	1.3	52	0.05	109
1147998	0.32	105	1.3	0.005	16.5	0.037	25.5	0.025	0.4	0.8	0.25	22	0.1	15.7	0.005	0.05	1.4	22	0.05	42
1147999	0.21	164	1	0.003	12.3	0.039	13.4	0.025	0.6	0.9	0.25	7	0.1	0.5	0.016	0.1	0.5	43	0.2	35
1148000	0.37	313	1.5	0.004	19.8	0.034	13.7	0.025	0.7	1.8	0.25	10	0.1	4.6	0.027	0.05	0.7	49	0.2	49
1148678	0.94	424	0.9	0.006	51.1	0.055	18.8	0.025	1.2	3.6	0.5	28	0.1	6.5	0.044	0.2	1.2	49	0.05	79
1148679	1.34	605	0.9	0.005	64.5	0.073	14.4	0.025	0.5	5.3	0.25	67	0.1	6.1	0.065	0.2	1.2	60	0.05	81

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1148680	418699	7085629	8N	0.05	1.14	7.5	1.7	0.5	90	0.2	0.12	0.05	9.7	24	26.7	2.55	4	0.02	0.09	19
1148681	418707	7085678	8N	0.1	1.04	6.6	4.1	1	139	0.2	0.16	0.1	12	21	29.7	2.28	3	0.03	0.06	28
1148682	418721	7085729	8N	0.1	1.06	7.8	1.8	1	209	0.2	0.15	0.1	11.5	19	29.7	2.44	3	0.03	0.05	24
1148683	418737	7085778	8N	0.1	1.11	6.8	6	0.5	178	0.2	0.2	0.1	10.4	23	34.6	2.58	3	0.03	0.07	27
1148684	418755	7085825	8N	0.2	1.14	5.4	3.2	0.5	178	0.2	0.34	0.2	13.7	30	41.1	2.63	3	0.02	0.1	26
1148685	418826	7085956	8N	0.1	1.03	8	46.8	1	162	0.1	0.15	0.1	8.9	25	22	2.21	3	0.02	0.07	17
1148686	418854	7085997	8N	0.05	1.02	5.5	2	0.5	133	0.1	0.09	0.1	9	18	13	1.83	3	0.02	0.05	14
1148687	418889	7086033	8N	0.1	0.97	6.1	4.5	0.5	125	0.2	0.08	0.1	5.6	17	15.9	1.66	3	0.03	0.05	14
1148688	418919	7086074	8N	0.2	1.05	8.9	9.2	0.5	151	0.2	0.12	0.3	11.5	20	20.6	2.23	3	0.04	0.06	15
1148689	418943	7086119	8N	0.2	1.05	8.5	6.2	0.5	138	0.2	0.13	0.2	12.4	22	26.5	2.48	3	0.02	0.07	19
1148690	418980	7086152	8N	0.2	1.79	6.4	5	0.5	168	0.2	0.35	0.1	20.4	55	74	3.76	5	0.02	0.13	22
1148701	419005	7082987	8N	0.05	1.42	20.8	2.5	2	102	0.3	0.08	0.4	11	24	24.3	2.66	4	0.03	0.04	21
1148702	418967	7083024	8N	0.1	1.27	49.1	4.5	0.5	80	0.3	0.09	0.3	8.3	23	20.6	2.85	5	0.03	0.04	17
1148703	418917	7083039	8N	0.5	1.6	16.7	1.5	0.5	98	0.2	0.07	0.2	5.3	26	11.9	2.54	5	0.04	0.04	14
1148704	418867	7083046	8N	0.7	1.28	92	3.4	0.5	149	0.4	0.07	0.4	12.4	18	42.3	3.2	4	0.04	0.04	38
1148705	418832	7083086	8N	1	1.23	255.5	8.9	0.5	91	0.2	0.11	0.8	9.9	21	19.6	2.44	3	0.04	0.05	18
1148706	418791	7083121	8N	0.05	1.15	26.3	1.5	2	47	0.3	0.05	0.1	8.9	20	28.1	3.4	3	0.02	0.03	24
1148707	418749	7083155	8N	0.05	1.33	12.3	3.9	1	51	0.3	0.06	0.1	4.5	22	9.2	2.67	5	0.05	0.02	15
1148708	418714	7083194	8N	0.05	0.99	12.8	1.4	2	48	0.3	0.05	0.05	3.8	16	8.5	2.3	5	0.02	0.02	14
1148709	418672	7083219	8N	0.05	1.48	12.6	1.6	2	77	0.3	0.08	0.2	11.3	23	20.6	2.87	4	0.03	0.04	19
1148710	418618	7083231	8N	0.05	1.3	12.7	0.7	1	72	0.2	0.05	0.2	5.3	18	12.6	2.43	3	0.05	0.02	11
1148711	418572	7083250	8N	0.05	1.2	12.8	1.3	1	69	0.2	0.06	0.2	7.2	21	13.2	2.5	4	0.02	0.03	13
1148712	418521	7083266	8N	0.05	1.34	13.1	2.3	1	60	0.3	0.08	0.1	7.9	24	14.9	2.99	5	0.03	0.03	14
1148713	418471	7083274	8N	0.05	1.12	11.5	2.1	2	84	0.2	0.07	0.2	8.2	19	14.4	2.09	3	0.03	0.03	15
1148714	418422	7083296	8N	0.05	1.47	14.3	1.9	0.5	110	0.2	0.06	0.3	9.2	25	16.4	2.43	4	0.05	0.04	15
1148715	418396	7083341	8N	0.05	1.28	11.7	2.2	0.5	75	0.2	0.07	0.1	6.7	20	16.8	2.22	3	0.05	0.03	13
1148716	418354	7083376	8N	0.05	1.61	12.8	2.3	0.5	145	0.3	0.09	0.3	9.8	22	21.2	2.35	4	0.06	0.04	15
1148717	418323	7083417	8N	0.05	1.08	9.1	1.3	0.5	69	0.3	0.07	0.1	6.5	19	17.2	2.27	4	0.03	0.03	18
1148718	418333	7083465	8N	0.05	1.11	11.6	1	0.5	112	0.5	0.09	0.2	15.1	19	35.6	2.98	3	0.02	0.04	28
1148719	418327	7083516	8N	0.05	1.03	6.8	1.8	0.5	60	0.3	0.06	0.05	4	17	11.4	1.66	4	0.03	0.03	20
1148720	418328	7083568	8N	0.05	1.18	10.2	1.5	1	84	0.2	0.09	0.1	8.6	20	16.1	2.23	3	0.03	0.04	18
1148721	418319	7083620	8N	0.05	0.94	6.8	2.6	0.5	63	0.3	0.06	0.1	4	17	13.3	1.77	4	0.03	0.03	20
1148722	418301	7083668	8N	0.05	1.09	9.5	2	0.5	90	0.2	0.1	0.2	8.7	19	21.3	2.28	3	0.03	0.04	19
1148723	418277	7083713	8N	0.05	1.08	8.7	1.2	0.5	89	0.3	0.09	0.1	7	19	20.6	2.07	3	0.03	0.04	19
1148724	418254	7083761	8N	0.05	0.85	8.6	6.5	1	68	0.3	0.06	0.05	6.6	17	14.8	1.88	3	0.03	0.03	18
1148725	418232	7083811	8N	0.05	1.35	16.8	2.8	0.5	107	0.4	0.08	0.3	14.6	21	41.3	3.35	4	0.02	0.04	33
1148726	418208	7083862	8N	0.05	1.13	12.3	2.2	0.5	73	0.2	0.12	0.2	10	18	30.6	2.38	3	0.03	0.04	21
1148727	416123	7086186	8N	0.05	0.97	15.7	4.7	0.5	84	0.3	0.1	0.2	12	27	25.5	3.06	4	0.02	0.07	18
1148728	416119	7086111	8N	0.05	0.97	11.4	2.7	0.5	54	0.3	0.1	0.05	10.4	39	28.1	2.7	6	0.04	0.12	31
1148729	416055	7086069	8N	0.05	0.94	8.9	16.2	1	112	0.2	0.2	0.2	10.1	23	29.6	2.43	3	0.01	0.09	15
1148730	416153	7086257	8N	0.05	1.02	10	6.2	0.5	101	0.2	0.12	0.2	8.9	20	16.3	2.17	3	0.02	0.05	19
1148731	416220	7086292	8N	0.05	1.12	11.7	4.8	0.5	147	0.3	0.12	0.1	7.5	22	17.1	2.42	4	0.04	0.06	18
1148732	416271	7086352	8N	0.1	0.89	8.4	3.1	0.5	123	0.3	0.13	0.2	6.2	18	16.5	1.87	3	0.04	0.05	15
1148733	416339	7086416	8N	0.05	0.99	6.8	0.8	0.5	96	0.3	0.1	0.1	4.7	18	11	1.72	3	0.03	0.04	18
1148734	416404	7086456	8N	0.1	1.07	10.3	3.5	0.5	180	0.2	0.16	0.2	8.8	29	20.9	2.24	4	0.03	0.06	18
1148735	416462	7086503	8N	0.05	1.01	11.1	16	1	110	0.2	0.14	0.2	8.1	21	22.7	2.22	3	0.02	0.05	19

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1148680	0.48	290	0.9	0.006	26	0.045	14.1	0.025	0.7	1.7	0.25	19	0.1	2.9	0.029	0.1	0.7	37	0.2	60
1148681	0.43	543	0.7	0.004	24.8	0.045	15	0.025	0.7	2	0.7	16	0.1	6.7	0.018	0.05	1.2	26	0.1	60
1148682	0.4	658	0.9	0.005	23.5	0.045	20	0.025	1.1	2.4	0.6	16	0.1	5.7	0.02	0.05	1	30	0.2	65
1148683	0.5	465	0.6	0.005	26	0.05	16.3	0.025	0.7	2.4	0.25	19	0.1	7.7	0.025	0.05	1.2	29	0.1	66
1148684	0.57	286	0.7	0.005	31	0.059	18.3	0.025	0.8	2.8	0.25	27	0.1	8.5	0.031	0.1	1.1	33	0.1	69
1148685	0.42	343	0.8	0.004	21	0.052	13	0.025	0.7	2	0.6	14	0.1	3.5	0.027	0.05	0.7	36	0.2	57
1148686	0.32	335	0.6	0.004	16.3	0.047	15.6	0.025	0.5	1.2	0.6	10	0.1	1.8	0.014	0.05	0.7	30	0.2	50
1148687	0.29	190	0.6	0.004	14.3	0.042	14.6	0.025	0.5	1.4	0.25	9	0.1	1.5	0.014	0.1	0.7	29	0.2	44
1148688	0.35	667	0.9	0.004	20.7	0.056	18.1	0.025	0.8	1.6	0.5	13	0.1	2.2	0.016	0.1	0.8	33	0.2	58
1148689	0.39	566	0.8	0.004	21.9	0.057	18.6	0.025	1.8	1.9	0.25	14	0.1	3.5	0.015	0.05	0.8	34	0.2	62
1148690	0.96	593	1.2	0.004	50.4	0.065	16.8	0.025	1.1	3.9	0.25	26	0.1	5.8	0.033	0.1	0.9	57	0.05	79
1148701	0.43	366	1	0.006	23	0.056	20.4	0.025	1.5	2.3	0.25	12	0.1	4	0.032	0.05	1.2	39	0.2	73
1148702	0.36	260	1.2	0.005	20.2	0.035	24.2	0.025	1.4	2.2	0.25	11	0.1	5.8	0.043	0.05	0.8	46	0.2	65
1148703	0.35	158	0.9	0.005	13.1	0.023	15	0.025	0.9	2.4	0.25	10	0.1	3.8	0.039	0.1	0.8	50	0.2	42
1148704	0.41	251	1.6	0.004	23.8	0.04	58.8	0.025	9	2.3	0.25	27	0.1	13.8	0.016	0.05	1.6	24	0.05	80
1148705	0.34	383	0.9	0.006	21.8	0.052	45.5	0.025	3.8	2.2	0.25	14	0.1	4	0.029	0.05	1	34	0.3	114
1148706	0.27	209	1	0.005	22	0.039	28.3	0.025	4.9	1.8	0.7	7	0.1	11	0.021	0.05	1	28	0.2	64
1148707	0.26	150	0.8	0.005	9	0.028	14.6	0.025	0.8	1.7	0.5	8	0.1	2.2	0.038	0.1	0.7	52	0.2	33
1148708	0.22	138	1	0.003	8.7	0.021	13.1	0.025	0.9	1.4	0.25	7	0.1	3	0.035	0.05	0.5	47	0.2	33
1148709	0.39	334	1	0.007	20.2	0.048	19.1	0.025	1.3	1.9	0.6	12	0.1	4.2	0.022	0.05	1.2	34	0.1	61
1148710	0.28	180	0.8	0.004	12.7	0.028	16	0.025	0.9	1.6	0.6	7	0.1	4.3	0.023	0.05	0.5	31	0.2	45
1148711	0.32	245	0.8	0.004	15.5	0.029	13	0.025	0.8	2.1	0.25	8	0.1	4.1	0.028	0.05	0.6	36	0.2	51
1148712	0.32	326	1.2	0.005	14.7	0.056	14	0.025	1	2	0.6	10	0.1	2.4	0.042	0.05	0.6	48	0.2	55
1148713	0.32	260	0.6	0.005	15.1	0.036	11.7	0.025	0.9	1.8	0.25	9	0.1	3.8	0.027	0.05	0.7	31	0.2	49
1148714	0.36	258	1.1	0.005	17.3	0.024	12.7	0.025	1	3.1	0.25	9	0.1	6.1	0.038	0.05	0.9	41	0.2	54
1148715	0.33	241	0.7	0.005	14.9	0.036	12.2	0.025	1	2	0.25	9	0.1	4.1	0.026	0.05	0.7	32	0.2	44
1148716	0.4	345	0.8	0.005	18.9	0.049	12.6	0.025	0.9	2.6	0.25	11	0.1	3.6	0.027	0.1	1	36	0.2	56
1148717	0.27	187	0.9	0.004	15.7	0.04	15.1	0.025	1.1	1.2	0.5	10	0.1	1.1	0.02	0.05	0.9	32	0.1	49
1148718	0.36	427	1.4	0.008	27.2	0.054	25.9	0.025	2.1	2	0.25	21	0.1	7.9	0.027	0.05	1.9	29	0.2	79
1148719	0.24	118	0.6	0.004	10	0.037	12.6	0.025	0.6	0.8	0.25	8	0.1	0.7	0.012	0.05	0.8	25	0.1	39
1148720	0.34	315	0.8	0.005	16	0.049	13	0.025	1	1.8	0.25	11	0.1	2.8	0.028	0.05	1	33	0.2	60
1148721	0.23	136	0.7	0.004	9.8	0.039	12.4	0.025	0.6	0.8	0.25	8	0.1	0.5	0.014	0.05	0.8	29	0.1	38
1148722	0.34	311	0.7	0.005	19.7	0.054	13.7	0.025	1.3	1.8	0.25	12	0.1	3.8	0.028	0.05	1.2	30	0.2	66
1148723	0.32	233	0.8	0.005	16.2	0.048	14	0.025	1	1.4	0.25	12	0.1	1.4	0.021	0.05	1.2	31	0.2	53
1148724	0.25	283	0.7	0.004	12	0.038	13.1	0.025	0.9	0.9	0.25	9	0.1	0.9	0.02	0.05	0.9	28	0.1	43
1148725	0.51	392	1.1	0.006	28.8	0.056	19.2	0.025	1.4	2.3	0.25	15	0.1	10.2	0.025	0.05	2.3	27	0.1	93
1148726	0.36	326	0.8	0.005	22.3	0.071	15.6	0.025	1.4	2	0.25	13	0.1	7.1	0.029	0.05	1.5	26	0.2	75
1148727	0.29	497	1	0.004	25.8	0.046	21.8	0.025	5.5	1.9	0.25	12	0.1	5.4	0.017	0.1	0.8	41	0.1	58
1148728	0.4	777	1.3	0.005	19.8	0.091	19.9	0.025	1.4	1.8	0.25	14	0.1	2.4	0.043	0.2	0.7	69	0.4	43
1148729	0.39	385	0.9	0.007	25	0.091	13.4	0.06	0.9	2.5	0.25	27	0.1	4	0.046	0.1	0.9	44	0.4	65
1148730	0.33	360	0.9	0.004	17.8	0.047	16.6	0.025	2.3	1.6	0.25	12	0.1	2.5	0.021	0.05	1	32	0.2	57
1148731	0.33	374	1	0.005	19.1	0.055	15.1	0.025	2.6	1.8	0.25	12	0.1	2	0.02	0.1	1	33	0.2	55
1148732	0.27	307	1	0.005	14.8	0.06	16.1	0.025	1.4	1.1	0.25	14	0.1	0.5	0.016	0.05	0.9	32	0.2	45
1148733	0.32	140	0.7	0.004	14.1	0.047	13.8	0.025	0.8	1.2	0.25	10	0.1	1.3	0.014	0.1	0.8	31	0.3	43
1148734	0.38	397	0.9	0.005	23.2	0.065	15.6	0.025	1.3	1.8	0.25	19	0.1	2.2	0.02	0.1	1	35	0.2	64
1148735	0.37	342	0.9	0.004	19.8	0.057	16	0.025	1.2	1.5	0.25	14	0.1	2.3	0.024	0.05	0.9	33	0.3	59

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1148737	416529	7086537	8N	0.05	1.03	11.6	2.9	0.5	122	0.2	0.17	0.2	11.2	22	30.2	2.5	3	0.04	0.05	20
1148738	416552	7086611	8N	0.05	1.61	10.2	3.1	0.5	139	0.3	0.16	0.05	13.7	24	31.5	2.88	4	0.02	0.04	20
1148739	416590	7086674	8N	0.05	1.13	8.4	4.7	0.5	57	0.3	0.09	0.1	10.8	20	17.6	2.46	3	0.02	0.04	21
1148740	416641	7086734	8N	0.2	0.9	9	4	1	108	0.2	0.18	0.2	8.8	18	21	1.95	3	0.04	0.03	18
1148741	416691	7086793	8N	0.05	1.03	8.4	22.5	0.5	107	0.3	0.12	0.2	10.9	20	19.5	2.26	4	0.02	0.04	19
1148742	416734	7086883	8N	0.1	1.11	6.8	4.9	1	93	0.3	0.12	0.05	13.5	20	17.7	2.16	4	0.03	0.03	24
1148743	416806	7086943	8N	0.05	0.8	6	0.8	2	67	0.2	0.1	0.05	4.8	17	9.8	1.47	3	0.02	0.03	16
1148744	411705	7086270	8N	0.05	1.21	8.5	8.2	1	62	0.2	0.05	0.1	5.6	21	17.9	2.01	4	0.05	0.13	12
1148745	411743	7086236	8N	0.05	1.32	131.6	11	1	140	1.5	0.12	0.1	10	30	17.5	2.21	4	0.005	0.37	20
1148746	411785	7086210	8N	0.05	1.63	11.3	0.9	0.5	227	0.3	0.2	0.5	14.2	60	24.9	2.75	5	0.005	0.39	14
1148747	411828	7086183	8N	0.05	1.11	13.1	1.6	1	68	0.5	0.04	0.1	5.4	19	21.2	2.04	4	0.04	0.11	11
1148748	411867	7086145	8N	0.05	1.01	35.9	0.9	0.5	76	2.1	0.07	0.2	9.1	24	16.4	1.61	3	0.04	0.12	12
1148749	411916	7086136	8N	0.05	0.94	11.4	1.6	0.5	65	0.3	0.05	0.1	5.5	19	18.5	2.1	4	0.04	0.16	12
1148750	411965	7086121	8N	0.05	2.12	11	0.6	0.5	222	0.7	0.05	0.3	16.6	50	48.3	3.57	6	0.02	0.5	23
1148851	410098	7089887	8N	0.2	1.42	19.4	5	1	242	0.3	0.29	0.1	9.4	22	51.5	2.27	4	0.03	0.05	15
1148852	410098	7089935	8N	0.3	1.79	32	3.4	1	297	0.6	0.62	0.5	8.9	33	41.6	2.23	6	0.03	0.13	20
1148853	410098	7089986	8N	0.3	1.79	40.3	3.8	1	219	0.8	0.67	0.4	7.8	33	35.9	2.08	6	0.02	0.12	26
1148854	410098	7090037	8N	0.2	1.68	55.5	3	1	237	0.7	0.52	0.3	8.4	33	34.8	2.18	6	0.005	0.09	18
1148855	410098	7090086	8N	0.2	1.54	55.6	4.7	3	228	0.8	0.48	0.3	7.6	28	27.1	1.95	5	0.02	0.06	16
1148856	410098	7090138	8N	0.1	1.23	122.2	8.7	0.5	216	1.3	0.32	0.2	6.5	23	28.3	1.82	4	0.03	0.06	16
1148857	410099	7090239	8N	0.2	1.18	44.5	3.5	2	271	0.6	0.46	0.4	8.9	21	28.7	1.87	4	0.02	0.04	15
1148858	410098	7090286	8N	0.3	1.23	68.1	3.1	3	257	1	0.59	0.4	9.1	21	38.9	1.9	4	0.05	0.04	14
1148863	419660	7085537	8N	0.1	1.52	16.5	2	0.5	237	0.2	0.2	0.4	34.4	84	86.5	4.88	4	0.005	0.09	27
1148864	419709	7085524	8N	0.05	1.39	9.6	1.1	0.5	185	0.4	0.13	0.1	27.7	25	71.5	4.38	4	0.005	0.09	45
1148865	419759	7085521	8N	0.05	1.05	10.7	2.4	0.5	150	0.2	0.12	0.2	13.3	18	29.9	2.48	3	0.005	0.07	23
1148866	419807	7085507	8N	0.05	1.51	8.5	3.7	0.5	119	0.2	0.14	0.2	19.1	32	56.7	3.06	4	0.005	0.06	15
1148867	419855	7085493	8N	0.05	1.99	11.5	1.8	0.5	149	0.2	0.06	0.2	14	33	41.6	3.12	5	0.02	0.06	20
1148868	419904	7085488	8N	0.05	2.03	9.5	1.5	0.5	93	0.2	0.04	0.1	18.9	47	78.5	3.81	5	0.02	0.06	17
1148869	419935	7085527	8N	0.3	2.45	2.7	9.2	0.5	1598	0.4	1.09	0.2	53.7	50	102.4	6.74	11	0.01	0.22	29
1148870	419945	7085578	8N	0.05	1.33	9.8	11.5	1	131	1	0.1	0.2	11.4	29	23.7	3.27	5	0.02	0.09	17
1148871	419965	7085624	8N	0.05	2.02	9.8	10.5	0.5	282	0.3	0.29	0.2	23.7	62	45.3	5.41	9	0.005	0.21	28
1148872	419991	7085670	8N	0.05	1.63	11.8	3.2	0.5	184	0.2	0.15	0.2	14.9	32	27	3.09	5	0.02	0.17	19
1148873	420023	7085709	8N	0.05	1.51	12.2	7	1	87	0.3	0.05	0.2	13.8	27	30	3.57	4	0.01	0.05	14
1148874	420037	7085757	8N	0.2	3.78	29.8	3.7	2	352	0.1	1.16	0.3	71.4	1088	33.3	9.68	13	0.02	1.01	18
1148875	420059	7085804	8N	0.05	2.14	11.3	2.3	0.5	224	0.2	0.33	0.1	42.9	113	76.6	7.53	6	0.01	0.23	23
1148876	420063	7085853	8N	0.05	0.98	60.7	5.2	1	60	0.7	0.03	0.1	10.1	8	43.7	5.02	4	0.02	0.04	52
1148877	420071	7085904	8N	0.05	2.93	3.5	10.2	0.5	362	0.1	0.64	0.2	33.9	62	49.9	7.23	13	0.01	0.55	8
1148878	420082	7085952	8N	0.05	1.29	12.2	1.9	0.5	79	0.3	0.05	0.1	11.1	23	16.1	2.75	4	0.02	0.05	16
1148879	420092	7086002	8N	0.05	1.02	9.5	2.3	1	92	0.2	0.16	0.3	9.5	17	25.4	1.87	2	0.02	0.04	12
1148880	420111	7086050	8N	0.05	1.7	16.2	0.7	0.5	76	0.4	0.04	0.05	13.7	26	28.4	3.61	5	0.01	0.07	26
1148881	420122	7086100	8N	0.05	1.79	8.3	1.4	0.5	115	0.2	0.14	0.05	16.7	20	36.2	3.72	6	0.005	0.06	26
1148882	420116	7086150	8N	0.05	0.93	3.8	1.4	2	48	0.7	0.05	0.05	14.4	10	44.6	3.37	2	0.01	0.11	52
1148883	420131	7086195	8N	0.05	1.41	12.3	1.8	2	130	0.2	0.09	0.1	8.8	21	14	2.4	3	0.03	0.03	10
1148885	420156	7086240	8N	0.05	1.55	19.2	2.8	0.5	99	0.2	0.07	0.2	10.4	29	21.7	3.05	4	0.03	0.04	14
1148886	420163	7086289	8N	0.05	1.32	10.7	1.4	1	122	0.2	0.16	0.1	9.1	25	16.6	2.52	4	0.02	0.04	16
1148887	420197	7086325	8N	0.05	1.4	11.9	2.3	0.5	63	0.2	0.04	0.2	7.1	23	12	2.52	3	0.02	0.03	11

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1148737	0.4	459	0.8	0.005	25.8	0.067	15.3	0.025	1.6	2.1	0.25	15	0.1	4.4	0.032	0.05	1	34	0.2	63
1148738	0.5	281	0.9	0.005	33.4	0.044	18.8	0.025	0.7	1.9	0.25	17	0.1	9	0.02	0.05	2.2	34	0.2	62
1148739	0.4	468	0.9	0.004	19.3	0.053	16.8	0.025	0.8	1.3	0.25	11	0.1	3	0.021	0.05	0.9	28	0.2	63
1148740	0.36	383	0.8	0.004	19.8	0.06	14.9	0.025	0.7	1.3	0.25	18	0.1	2.9	0.022	0.05	1.1	28	0.2	52
1148741	0.4	343	0.9	0.004	18.2	0.051	14.6	0.025	0.6	1.3	0.25	14	0.1	2.9	0.02	0.05	1.3	29	0.2	60
1148742	0.44	361	0.8	0.004	18.8	0.05	16.8	0.025	0.5	1.2	0.25	17	0.1	5	0.016	0.05	1.3	26	0.2	57
1148743	0.3	142	0.7	0.004	12.4	0.051	14.1	0.025	0.3	0.8	0.25	12	0.1	0.9	0.015	0.05	0.9	24	0.2	37
1148744	0.28	195	0.9	0.004	15.6	0.032	10.1	0.025	0.6	1.3	0.6	6	0.1	2.1	0.044	0.1	0.5	37	0.1	42
1148745	0.45	304	0.6	0.004	22.3	0.044	10.2	0.025	0.8	1.8	0.7	10	0.1	8	0.072	0.3	0.7	31	0.05	44
1148746	0.87	454	0.8	0.008	26.6	0.049	17.4	0.06	0.6	3.1	0.9	24	0.1	6.3	0.116	0.3	0.8	46	0.2	75
1148747	0.26	163	0.8	0.005	14.8	0.036	8.5	0.05	0.5	1.3	0.7	10	0.1	2	0.032	0.1	0.6	31	0.1	43
1148748	0.28	280	0.6	0.004	21.9	0.036	9.9	0.09	0.7	1.2	0.6	8	0.1	2.8	0.031	0.1	0.6	35	0.05	39
1148749	0.27	162	0.5	0.004	15.3	0.029	9.8	0.025	0.6	1.2	0.25	8	0.1	2.5	0.062	0.2	0.6	36	0.2	42
1148750	0.72	450	1.2	0.006	54	0.036	25.7	0.025	2.6	3	0.6	16	0.1	8	0.053	0.4	1.2	39	0.05	93
1148851	0.43	318	1.3	0.009	27.9	0.069	13.2	0.025	1.8	2.6	0.25	29	0.1	4.1	0.034	0.1	1.4	40	0.2	66
1148852	0.7	329	1.1	0.032	25.6	0.097	19.3	0.025	2.7	4	0.6	76	0.1	6.6	0.058	0.2	1.6	53	0.2	98
1148853	0.63	336	0.7	0.055	21.4	0.083	20	0.025	3.9	4.2	0.5	88	0.1	7.9	0.06	0.2	1.2	47	0.2	76
1148854	0.62	284	1	0.028	23.8	0.084	13.9	0.025	6.6	3.1	0.25	49	0.1	4.5	0.06	0.2	1.1	52	0.2	74
1148855	0.52	294	0.8	0.02	20.9	0.073	11.3	0.025	5	2.7	0.25	41	0.1	3.4	0.047	0.2	1.4	44	0.3	67
1148856	0.42	227	0.7	0.012	19.1	0.064	8.7	0.025	15	2.3	0.25	26	0.1	4	0.042	0.1	1.5	35	0.4	60
1148857	0.4	219	0.6	0.018	20.4	0.055	15.1	0.025	1.4	2.6	0.25	28	0.1	3.7	0.024	0.1	1.1	35	0.3	60
1148858	0.41	268	0.5	0.012	17.3	0.063	17.3	0.025	1.3	2.1	0.7	27	0.1	2.4	0.017	0.2	1.6	38	0.3	69
1148863	0.83	1214	1.4	0.002	86.1	0.07	25.9	0.025	4.4	6.4	0.25	19	0.1	8.9	0.008	0.1	1.3	49	0.05	93
1148864	0.6	788	1.4	0.003	59.2	0.048	44.8	0.025	5.4	2.5	0.25	14	0.1	15.1	0.005	0.05	1.2	20	0.05	87
1148865	0.38	523	0.9	0.004	26.9	0.055	16.8	0.025	1.7	1.8	0.25	14	0.1	6.2	0.019	0.05	0.9	24	0.1	63
1148866	0.64	535	0.9	0.004	38.1	0.048	12.6	0.025	1.6	3	0.25	10	0.1	4.5	0.04	0.05	0.6	49	0.1	70
1148867	0.52	344	1	0.003	25.9	0.027	13.9	0.025	0.8	3.7	0.5	8	0.1	6.1	0.03	0.1	1	51	0.1	58
1148868	0.81	494	1	0.003	41.5	0.022	14.2	0.025	1.3	4.2	0.25	5	0.1	5.7	0.016	0.1	0.6	61	0.05	66
1148869	2.51	2587	4.5	0.005	75.4	0.12	72.3	0.025	2	21	0.25	70	0.3	28.3	0.085	0.4	1.2	159	0.05	152
1148870	0.47	540	1.3	0.004	23.6	0.048	23.8	0.025	0.7	2.9	0.25	15	0.5	2.3	0.051	0.1	0.7	63	0.2	76
1148871	1.1	1171	2	0.005	35.8	0.063	45.1	0.025	0.5	9.5	0.25	45	0.2	7.5	0.194	0.4	0.7	163	0.1	120
1148872	0.77	704	1.3	0.005	27	0.052	12	0.025	0.6	4.1	0.25	19	0.1	4.6	0.101	0.2	0.7	71	0.3	65
1148873	0.41	389	1.7	0.004	24.7	0.038	39.8	0.025	1.8	3.1	0.25	9	0.1	5.9	0.03	0.1	0.8	47	0.2	97
1148874	5.66	2248	4.6	0.005	814.2	0.062	27.9	0.025	9.4	24.7	0.25	208	0.1	36.8	0.342	1.3	0.6	240	0.1	153
1148875	1.37	1383	2.7	0.005	97	0.1	15.6	0.025	3.7	9.3	1.5	57	0.1	25.8	0.132	0.6	0.6	92	0.1	109
1148876	0.13	496	1.8	0.003	9.3	0.057	32.9	0.025	4.3	1.1	1.1	7	0.1	10.5	0.007	0.1	1.5	47	0.3	149
1148877	2	1442	1.1	0.007	32.6	0.222	69.5	0.025	0.3	9.9	1.3	92	0.1	5.7	0.453	0.7	0.7	319	0.05	194
1148878	0.29	338	1.2	0.003	19.4	0.03	17.8	0.025	2.7	2.1	0.25	8	0.1	3.4	0.022	0.1	0.8	38	0.2	58
1148879	0.36	442	0.8	0.004	25.2	0.068	9.9	0.025	0.8	1.8	0.9	14	0.1	4.5	0.031	0.05	0.6	28	0.2	69
1148880	0.51	418	1.7	0.003	28	0.038	22.2	0.025	0.5	2.2	0.25	8	0.1	5	0.017	0.1	0.9	44	0.2	72
1148881	0.69	480	1.1	0.005	22.1	0.055	11.5	0.025	0.5	4.5	0.5	20	0.1	4.2	0.053	0.2	0.8	81	0.2	69
1148882	0.38	867	0.7	0.004	31.7	0.047	19.8	0.025	0.6	1.2	0.25	14	0.1	8.4	0.004	0.1	1.4	13	0.05	84
1148883	0.39	333	0.8	0.004	17.3	0.044	11	0.025	0.7	2	1	9	0.1	3	0.022	0.05	0.7	37	0.2	53
1148885	0.38	406	1.1	0.004	27	0.026	13.1	0.025	3.2	2.8	0.25	10	0.1	3	0.033	0.05	0.7	44	0.2	58
1148886	0.35	386	1.5	0.004	20.7	0.063	23.6	0.025	0.8	1.8	0.25	15	0.1	1.6	0.026	0.05	0.9	45	0.6	70
1148887	0.32	274	0.9	0.003	14.6	0.025	15.5	0.025	0.6	1.6	0.25	6	0.1	2.2	0.025	0.05	0.6	36	0.2	45

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1148888	420226	7086366	8N	0.05	1.05	10.3	1.5	0.5	58	0.2	0.21	0.3	23	14	43.6	5.42	3	0.005	0.07	27
1148889	420244	7086412	8N	0.05	1.25	11.4	1.9	0.5	64	0.2	0.07	0.05	7.3	24	12	3.13	6	0.04	0.04	13
1148890	420283	7086443	8N	0.05	1.42	10.9	4.3	0.5	193	0.2	0.15	0.1	14.3	25	30.3	2.94	4	0.02	0.06	22
1148891	420328	7086466	8N	0.05	1.05	13.4	1.2	1	86	0.2	0.14	0.05	11.2	20	15.9	2.11	3	0.005	0.04	12
1148892	420366	7086500	8N	0.05	2.16	13.6	3.3	1	219	0.2	0.1	0.05	10	37	16.5	2.99	6	0.04	0.05	17
1148893	420392	7086543	8N	0.05	1.21	12.1	1.8	0.5	67	0.3	0.04	0.05	7.4	26	14.2	3.12	5	0.005	0.05	13
1148894	420423	7086584	8N	0.05	1.23	10	1	0.5	108	0.3	0.2	0.05	8.7	22	21.1	2.34	4	0.01	0.05	19
1148895	420468	7086606	8N	0.05	1.14	5.4	0.25	0.5	70	0.3	0.09	0.05	4.7	20	11.9	1.82	4	0.01	0.05	21
1148896	420480	7086658	8N	0.05	1.31	9.2	1.9	0.5	106	0.2	0.11	0.3	13.4	28	26.6	2.59	4	0.01	0.05	17
1148897	418789	7086266	8N	0.1	1.39	10.8	1.8	1	154	0.3	0.22	0.1	16.6	24	28.2	3.45	4	0.02	0.04	29
1148898	418815	7086310	8N	0.1	1.43	6.6	2.9	1	175	0.3	0.2	0.1	10.8	26	27.7	2.45	4	0.04	0.04	24
1148899	418843	7086356	8N	0.1	1.37	6.8	1.2	2	196	0.3	0.29	0.1	11.3	23	27.2	2.62	4	0.03	0.05	24
1148900	418867	7086401	8N	0.2	1.4	8.6	1.9	0.5	162	0.4	0.24	0.1	18.3	28	33.5	3.12	4	0.04	0.07	30
1149501	411198	7088786	8N	0.8	1.52	351	20.9	4	162	5.1	0.65	0.8	8.3	27	99.3	2.36	5	0.05	0.06	24
1149502	411202	7088836	8N	1.5	1.89	693	32.2	5	177	12.9	0.67	0.8	6.2	23	186.6	2.31	5	0.09	0.05	13
1149503	411199	7088886	8N	0.2	2.43	50.9	2.6	14	81	1.6	3.19	0.3	6.1	8	26.6	0.86	5	0.06	0.04	12
1149504	411195	7088937	8N	0.4	2.37	342.8	20.6	13	195	3.7	1.76	0.5	10	21	61.8	2.1	6	0.05	0.06	22
1149505	411196	7088988	8N	0.4	1.14	128.3	8.4	6	185	1.9	1.29	0.3	6.1	23	48.9	1.56	4	0.05	0.08	12
1149506	411194	7089039	8N	0.05	2.85	43.4	3.4	2	269	0.3	0.36	0.05	12.7	36	38.9	2.82	8	0.03	0.29	16
1149507	411197	7089087	8N	0.1	2.09	127.1	1.6	4	188	1.2	0.97	0.2	8.3	22	15.9	1.99	6	0.05	0.05	13
1149508	411203	7089134	8N	0.2	3.31	1122.6	7.3	4	229	6.6	1.27	0.2	14.8	38	48.6	3.38	9	0.04	0.29	27
1149509	411203	7089188	8N	0.2	2.28	756.7	15.4	0.5	196	7.3	0.61	0.2	11.7	22	51.6	3.21	7	0.04	0.13	39
1149510	411199	7089234	8N	0.3	2.86	335.7	5.3	3	278	2.8	0.76	0.6	13.2	28	94.2	3.04	8	0.04	0.19	49
1149511	411198	7089286	8N	0.4	2.76	339.2	9.3	4	230	4.3	1.31	0.4	13.9	28	63.9	3.01	8	0.09	0.1	49
1149512	411204	7089335	8N	0.2	2.1	279.9	6	2	196	2	0.28	0.3	10.4	25	32.3	2.6	6	0.05	0.07	22
1149513	411200	7089387	8N	0.1	2.35	168.8	7.9	2	221	2.2	0.37	0.3	11.4	35	35.6	3.05	8	0.03	0.08	28
1149514	411197	7089436	8N	0.5	1.86	217.8	11	3	221	3.9	1.16	0.4	10.1	24	135.1	2.34	5	0.33	0.04	32
1149515	411198	7089488	8N	0.2	1.41	111.4	5.1	6	214	1.9	1.76	0.4	6.1	22	31	1.9	5	0.08	0.04	24
1149516	411198	7089535	8N	0.2	1.56	144.8	7.7	6	231	2.5	1.68	0.4	8.6	25	39.8	2.23	5	0.08	0.05	26
1149517	411197	7089588	8N	0.2	1.41	331.9	15.6	3	141	3.6	0.33	0.2	8.1	27	45.8	2.53	5	0.03	0.06	22
1149518	411201	7089635	8N	0.1	1.8	99	9.9	3	182	2.4	0.22	0.05	8.3	29	22.8	2.6	5	0.03	0.05	19
1149519	411201	7089686	8N	0.1	1.76	58.6	11.7	1	194	2.5	0.3	0.3	8.3	29	19.9	2.37	6	0.04	0.04	17
1149520	411197	7089736	8N	0.05	1.05	172.1	15.1	2	86	1.4	0.18	0.1	5.9	21	18.2	2.02	4	0.02	0.05	14
1149521	411196	7089784	8N	0.1	1.13	208.6	15.5	2	105	2.7	0.15	0.2	5.8	23	26.2	2.05	5	0.04	0.05	15
1149522	411199	7089835	8N	0.05	1.14	62.7	9.5	2	105	2	0.19	0.2	5.1	24	16.6	2.21	6	0.02	0.05	14
1149523	411193	7089886	8N	0.05	1.45	40.1	9.1	2	184	1.4	0.33	0.2	7.7	24	20	2.16	5	0.04	0.05	17
1149524	411199	7089938	8N	0.1	1.37	89.6	6.8	2	198	1.2	0.52	0.4	7.5	26	13.8	2.24	7	0.03	0.04	14
1149525	411197	7089987	8N	0.05	1.39	18.3	1.2	3	148	0.8	0.31	0.2	6.3	22	14.4	2.11	5	0.05	0.04	14
1149527	411191	7090038	8N	0.05	1.74	13.3	2.4	3	202	0.5	0.31	0.2	7.2	24	14.2	2.15	6	0.02	0.05	14
1149528	411195	7090085	8N	0.05	1.81	10.7	8.4	2	217	0.2	0.31	0.3	6.6	23	16.2	2.1	5	0.04	0.05	16
1149529	411189	7090137	8N	0.05	1.85	13.8	6.5	2	214	0.3	0.26	0.3	7.5	26	16	2.25	6	0.03	0.06	15
1149530	411197	7090186	8N	0.1	1.59	16.1	3.2	2	288	0.2	0.37	0.2	8	25	21.7	2.25	5	0.03	0.05	19
1149531	411195	7090233	8N	0.1	1.4	15.3	2.1	2	181	0.2	0.34	0.05	7.1	23	21	2.1	4	0.03	0.04	16
1149532	411198	7090284	8N	0.2	1.93	12	1.5	1	289	0.3	0.48	0.1	9.5	27	20.3	2.47	6	0.03	0.05	13
1149533	409789	7088788	8N	0.1	0.81	4.5	1.3	5	172	0.2	1.88	0.7	4.8	13	10.1	0.9	4	0.12	0.04	6
1149534	409789	7088842	8N	0.4	1.66	67	22.3	5	220	2.7	1.48	0.5	9.8	44	71.4	2.15	5	0.05	0.11	15

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1148888	0.43	801	2.4	0.002	36.4	0.135	11.7	0.025	1.3	2.6	0.25	26	0.1	7.2	0.012	0.05	1.2	21	0.2	69
1148889	0.23	348	1.3	0.003	12.9	0.039	15.6	0.025	0.6	1.5	0.25	9	0.1	1.8	0.04	0.05	0.6	60	0.2	43
1148890	0.46	476	1	0.005	29	0.058	16.6	0.025	1.2	2.6	0.25	15	0.1	4.8	0.03	0.1	1.1	42	0.2	70
1148891	0.31	264	0.7	0.003	20.9	0.056	9.5	0.025	0.8	1.9	0.25	11	0.1	4.5	0.028	0.05	0.6	31	0.2	46
1148892	0.55	316	1.5	0.007	21.1	0.026	13.1	0.025	0.7	4.3	0.6	11	0.1	5.2	0.047	0.1	1.4	64	0.2	60
1148893	0.34	257	1.1	0.003	17.3	0.031	16.4	0.025	0.7	1.8	0.25	7	0.1	3.5	0.038	0.05	0.5	53	0.2	51
1148894	0.37	335	0.8	0.003	17.7	0.042	19.9	0.025	0.4	1.4	0.25	23	0.1	1.4	0.019	0.05	0.9	38	0.1	51
1148895	0.25	115	0.7	0.003	12.3	0.039	15.4	0.025	0.4	0.8	0.25	11	0.1	0.9	0.012	0.1	0.6	31	0.05	31
1148896	0.41	627	1	0.004	26.7	0.045	12.5	0.025	0.9	2.3	0.25	12	0.1	4.4	0.033	0.05	0.7	41	0.2	78
1148897	0.57	461	1.3	0.005	27.3	0.053	22.1	0.025	1.3	2	0.25	24	0.1	9.9	0.02	0.05	1.5	35	0.1	72
1148898	0.53	252	0.9	0.006	28.1	0.056	19.8	0.025	0.9	2.1	0.25	23	0.1	5.3	0.015	0.05	1.8	32	0.2	63
1148899	0.51	341	0.9	0.006	24.5	0.052	17.5	0.025	0.7	2.2	0.25	30	0.1	7.8	0.019	0.05	1.5	34	0.2	68
1148900	0.59	1004	0.9	0.005	34.7	0.053	23.1	0.025	1	2.4	0.25	22	0.1	10.6	0.019	0.05	1.6	31	0.1	82
1149501	0.43	407	0.8	0.023	20.4	0.071	21.3	0.025	33.8	2.7	0.25	49	0.1	6	0.045	0.1	1.8	39	1.2	104
1149502	0.29	349	1.2	0.018	16.2	0.119	22.6	0.07	248.9	1.3	1	31	0.1	1.6	0.022	0.1	1.1	27	0.7	67
1149503	0.1	458	0.4	0.28	11.1	0.119	14.1	0.07	4.2	0.6	0.25	156	0.1	2.3	0.013	0.05	1	9	0.4	33
1149504	0.41	348	0.6	0.152	23.4	0.092	17.4	0.025	102.4	2.2	0.25	115	0.1	6.1	0.044	0.05	1.3	30	0.8	60
1149505	0.37	313	1.3	0.024	17.4	0.128	11.4	0.025	73.6	1.5	1.1	45	0.1	0.8	0.034	0.2	1	31	0.5	35
1149506	1.06	210	0.7	0.016	23.4	0.055	8.7	0.025	5.2	3.8	0.25	48	0.1	6.4	0.104	0.3	0.7	46	0.3	50
1149507	0.38	381	0.7	0.048	19.3	0.062	13.5	0.025	1.3	1.8	0.25	61	0.1	1.8	0.034	0.05	0.7	34	0.2	48
1149508	0.98	412	0.7	0.02	23.3	0.072	13.8	0.025	22.2	4.1	0.25	111	0.1	8.7	0.038	0.3	1.1	40	0.8	53
1149509	0.68	323	0.8	0.013	20.2	0.073	17.3	0.025	34.5	2.6	0.6	111	0.1	9.3	0.024	0.2	4	35	0.6	53
1149510	0.72	452	0.9	0.029	25.8	0.094	19.8	0.025	12.2	3.2	0.7	141	0.1	8.7	0.044	0.3	5.6	41	1	75
1149511	0.66	587	1	0.032	27	0.106	25.4	0.025	9.4	3.3	0.25	100	0.1	4.2	0.043	0.2	5.4	38	0.4	81
1149512	0.46	335	0.8	0.013	22.9	0.082	11.4	0.025	3.6	2.3	0.6	35	0.1	5.2	0.053	0.2	1.6	43	1.2	66
1149513	0.68	493	1	0.011	26.4	0.081	14	0.025	5.8	3.9	0.25	28	0.1	4.1	0.057	0.2	2.2	52	0.5	77
1149514	0.33	400	0.8	0.04	24.4	0.091	16.9	0.025	9.4	3.6	0.8	67	0.1	5	0.014	0.2	2.6	32	0.5	65
1149515	0.34	320	0.6	0.04	15.7	0.083	15.4	0.07	3.9	2.6	0.6	79	0.1	3.3	0.023	0.05	1.9	28	0.3	52
1149516	0.41	369	0.6	0.039	19.8	0.094	15.6	0.06	8	3.1	0.5	70	0.1	3.3	0.028	0.1	1.9	33	0.4	71
1149517	0.42	318	1.4	0.008	16.5	0.071	11.7	0.025	31	2	0.25	23	0.1	2.2	0.035	0.2	2.7	44	0.7	59
1149518	0.48	450	1.4	0.007	17.2	0.064	11.7	0.025	10.2	1.8	0.25	17	0.1	1.3	0.03	0.2	2.1	49	0.4	68
1149519	0.44	346	1.1	0.009	20.4	0.073	12.2	0.025	3.6	1.6	0.25	20	0.1	0.7	0.027	0.2	2.1	47	0.5	84
1149520	0.35	228	0.9	0.005	14.2	0.055	9.3	0.025	26.9	1.6	0.25	13	0.1	2.3	0.039	0.1	1.1	37	0.4	54
1149521	0.35	228	1.2	0.007	14.2	0.057	11.1	0.025	32.3	1.4	0.25	15	0.1	1.4	0.04	0.2	1.9	42	0.8	52
1149522	0.37	216	1.1	0.007	13.7	0.056	11.3	0.025	9.8	1.3	0.25	17	0.1	1	0.038	0.2	1.3	40	0.5	54
1149523	0.41	336	0.8	0.013	16.8	0.07	14.2	0.025	3.5	2.1	0.25	28	0.1	3.9	0.048	0.1	1.3	40	0.6	61
1149524	0.39	626	1.1	0.008	14.2	0.087	18.2	0.06	1.7	0.9	0.25	25	0.1	0.4	0.019	0.2	1.3	44	0.3	66
1149525	0.37	307	0.7	0.007	14.4	0.063	14.8	0.025	0.8	1.1	0.25	19	0.1	0.9	0.026	0.1	0.9	37	0.3	56
1149527	0.39	417	0.9	0.007	16.9	0.085	18.2	0.025	1	1.5	0.25	21	0.1	1	0.026	0.1	0.8	39	0.3	65
1149528	0.4	236	0.7	0.009	18.7	0.084	14.4	0.025	0.9	2.1	0.5	24	0.1	3.6	0.041	0.1	0.8	38	0.4	63
1149529	0.44	393	0.9	0.009	17.9	0.079	16.4	0.025	1	1.9	0.25	20	0.1	1.6	0.038	0.1	0.8	41	0.3	62
1149530	0.41	180	0.8	0.012	20.2	0.068	19.8	0.025	1.7	2.4	0.25	28	0.1	2.9	0.041	0.1	1.8	44	0.4	59
1149531	0.41	136	1.3	0.008	17.3	0.059	19.6	0.025	1.6	2.1	0.25	22	0.1	2.4	0.037	0.1	1	44	0.2	58
1149532	0.58	435	0.9	0.01	18.7	0.075	25	0.025	0.9	1.8	0.25	29	0.1	0.9	0.034	0.2	1	51	0.2	67
1149533	0.17	577	0.8	0.025	7.2	0.13	9.7	0.21	0.6	0.6	0.6	53	0.1	0.4	0.022	0.2	0.4	23	0.6	42
1149534	0.68	287	0.6	0.046	21.8	0.097	14.5	0.08	1.9	2.9	0.8	70	0.1	4.1	0.06	0.2	3.7	43	0.8	70

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1149535	409790	7088891	8N	0.3	1.87	40.1	18.3	3	190	1.6	1.24	0.4	9.8	32	50	2.27	6	0.04	0.09	15
1149536	409786	7088941	8N	0.3	1.6	86.4	6.3	4	207	0.9	2.19	0.5	8.2	25	35.2	1.74	5	0.06	0.06	12
1149537	409788	7088988	8N	0.3	1.83	32.7	4.1	3	181	0.6	1.86	0.5	6.4	25	22.5	1.27	6	0.09	0.04	14
1149538	409782	7089042	8N	0.2	1.98	169.8	26	3	195	1	1.29	0.5	9.1	29	20.1	2.08	6	0.05	0.06	17
1149539	409787	7089089	8N	0.2	1.83	127	16.1	4	195	0.8	1.74	0.5	8.8	24	22.2	1.75	5	0.06	0.05	15
1149540	409785	7089141	8N	0.2	2.38	59.6	3.4	4	210	0.5	2.37	0.6	9	33	19.6	1.89	7	0.06	0.07	14
1149541	409787	7089189	8N	0.4	2.2	52.2	8.5	3	227	0.4	1.43	0.5	9.5	31	37.4	2.11	7	0.04	0.11	13
1149542	409785	7089241	8N	0.3	1.66	55.9	5.5	3	252	0.9	1.27	0.5	9.8	27	30.9	2.03	5	0.06	0.08	18
1149543	409788	7089290	8N	0.4	1.64	67.3	4.7	3	343	0.7	1.47	0.4	9.5	25	33.8	2	5	0.07	0.07	24
1149544	409785	7089339	8N	0.3	1.82	95	8.6	3	255	0.7	1.54	0.3	8.4	24	22.1	1.91	6	0.05	0.06	34
1149545	409786	7089386	8N	0.3	1.83	150.4	7.9	3	268	1.4	1.83	0.5	8.9	27	18.4	1.87	6	0.08	0.06	31
1149546	409788	7089436	8N	0.2	2.05	50.7	2.9	4	268	0.5	2.37	0.4	8.2	28	20.3	1.8	6	0.06	0.09	20
1149547	409789	7089586	8N	0.1	2.47	22.2	0.8	2	230	0.2	1.15	0.2	9.4	39	15.2	2.39	8	0.04	0.09	16
1149548	409788	7089636	8N	0.05	3.47	13.6	12.9	2	236	0.2	1.89	0.2	10.5	44	17.4	2.69	10	0.04	0.3	17
1149549	409792	7089688	8N	0.1	4.09	10.1	4.6	2	346	0.2	1.96	0.2	10.5	49	15.9	2.97	11	0.02	0.43	19
1149550	409792	7089688	8N	0.1	3.98	9.4	1.8	2	324	0.2	1.91	0.2	10.3	51	15.3	2.95	11	0.02	0.39	18
1149551	409790	7089735	8N	0.1	2.65	10.4	2.4	0.5	229	0.2	0.81	0.3	9.6	38	19.2	2.58	8	0.03	0.14	19
1149552	409794	7089787	8N	0.1	2.09	106.7	4.4	2	201	0.4	0.94	0.3	8.3	33	16.6	2.25	6	0.05	0.06	17
1149553	409789	7089835	8N	0.05	0.93	14.2	4.6	1	123	0.2	0.33	0.4	7.1	18	29.9	1.88	3	0.03	0.03	14
1149554	409788	7089886	8N	0.8	2.79	22.7	6.6	1	219	0.5	0.51	0.6	11	48	60.9	2.95	9	0.05	0.13	23
1149555	409796	7089936	8N	0.05	3.52	11.3	1.1	2	275	0.2	3.17	0.2	9.9	50	14.3	2.67	11	0.03	0.34	18
1149556	409802	7089981	8N	0.1	3.66	11.6	0.6	1	316	0.2	1.23	0.1	10.1	49	15.4	2.84	11	0.03	0.17	21
1149557	409799	7090036	8N	0.05	2.4	12.8	1.6	0.5	265	0.2	0.29	0.2	8.9	34	15.9	2.33	7	0.03	0.15	16
1149558	409797	7090085	8N	0.05	1.77	32	3.4	2	210	0.5	0.22	0.1	8.1	30	20.7	2.13	6	0.03	0.07	20
1149559	409797	7090135	8N	0.1	1.84	121	10.7	0.5	256	1.9	0.28	0.2	8.8	32	31.6	2.32	6	0.03	0.11	23
1149560	409801	7090184	8N	0.1	1.65	46.1	10.3	0.5	193	0.7	0.2	0.1	7.9	28	22.5	2.2	5	0.03	0.07	17
1149561	409800	7090236	8N	0.2	1.47	62.2	4.6	2	188	1	0.2	0.2	6.5	27	24.2	2.17	6	0.03	0.06	16
1149562	409801	7090286	8N	0.1	1.49	51.5	4.9	1	153	0.9	0.18	0.2	6.6	26	22.1	2.02	5	0.04	0.05	17
1149563	409202	7088778	8N	0.2	1.24	36.8	6.8	1	190	1.5	0.82	0.4	8.4	19	29.7	1.77	4	0.02	0.04	12
1149564	409188	7088831	8N	0.2	1.38	22.9	4	1	230	1	0.54	0.3	8.4	18	24.4	1.93	4	0.05	0.03	13
1149565	409206	7088882	8N	0.1	1.22	22.8	4.5	0.5	200	1.2	0.47	0.3	8.3	19	25.2	1.83	4	0.04	0.03	13
1149566	409202	7088931	8N	0.1	1.37	34.8	6.2	1	194	1.1	0.38	0.1	8	23	28.2	1.82	4	0.03	0.03	12
1149567	409203	7088981	8N	0.1	1.68	22.4	3.2	1	241	0.3	0.4	0.1	10.2	26	20.9	2.31	5	0.04	0.04	14
1149568	409197	7089032	8N	0.05	1.38	27.9	2.6	0.5	183	0.3	0.24	0.1	6.7	24	19.7	1.95	5	0.02	0.05	13
1149569	414757	7085664	8N	0.6	0.77	31.2	69.3	1	98	0.6	0.18	0.5	11.5	21	26.7	3.64	3	0.03	0.12	25
1149570	414817	7085708	8N	0.05	1.51	10.9	1.7	1	85	0.2	0.1	0.2	10	24	23.2	3.09	4	0.02	0.04	18
1149571	414888	7085728	8N	0.05	1.02	8.2	2	1	44	0.4	0.07	0.05	8.2	20	22.1	2.92	4	0.01	0.04	22
1149572	414955	7085763	8N	0.05	1.05	10.9	4.6	1	34	0.5	0.04	0.05	5.2	20	16.4	3.96	7	0.03	0.03	21
1149573	415026	7085789	8N	0.05	1.32	7.7	3	0.5	48	0.3	0.08	0.1	10.4	19	20.7	2.61	3	0.03	0.03	19
1149575	415097	7085814	8N	0.05	1.57	9.8	4.8	0.5	89	0.4	0.08	0.1	7.7	23	23.3	2.94	5	0.03	0.04	25
1149576	415164	7085852	8N	0.05	1.05	12	9.5	0.5	127	0.2	0.15	0.2	7.8	31	19.3	2.86	4	0.04	0.06	17
1149577	415231	7085890	8N	0.1	1.09	26.3	6.7	1	122	0.3	0.18	1	11.3	36	23.1	3	4	0.02	0.07	18
1149578	415306	7085904	8N	0.2	0.89	35	4	2	88	0.6	0.11	0.5	13.3	18	36.6	3.51	3	0.03	0.06	15
1149579	415379	7085928	8N	0.05	0.9	7.4	5	0.5	88	0.2	0.12	0.2	6.3	20	12	1.76	4	0.05	0.05	13
1149580	415448	7085960	8N	0.05	1.17	9.7	3.4	0.5	93	0.2	0.11	0.2	7.4	28	15.8	2.36	4	0.03	0.06	19
1149581	415523	7085977	8N	0.05	1.03	9.1	1.7	0.5	111	0.2	0.15	0.3	6.5	22	13.9	2.14	4	0.04	0.05	15

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1149535	0.61	429	0.7	0.053	24.1	0.083	16.9	0.025	2.4	3.1	0.7	77	0.1	4.6	0.05	0.2	0.7	41	0.9	66
1149536	0.51	373	0.6	0.053	17.7	0.1	15.3	0.13	1.6	1.8	1.2	82	0.1	1.9	0.031	0.2	1.5	30	0.5	54
1149537	0.4	262	0.3	0.037	15.7	0.111	18	0.16	2.1	1.7	0.8	63	0.1	1.6	0.028	0.2	1.3	27	0.3	42
1149538	0.46	338	0.7	0.089	21.6	0.073	15.4	0.025	1.7	2.3	0.25	73	0.1	3.4	0.044	0.1	1.3	39	1.2	56
1149539	0.39	454	0.6	0.095	19.7	0.097	12.3	0.12	1.4	1.7	0.6	91	0.1	2.1	0.034	0.1	1	30	0.5	55
1149540	0.71	508	0.4	0.142	17.8	0.084	20.8	0.14	1.7	2.2	0.6	124	0.1	1.9	0.057	0.2	1.1	33	0.2	62
1149541	0.83	332	0.7	0.088	22	0.085	20.9	0.11	1.8	2.4	0.6	95	0.1	2.4	0.058	0.3	2	47	0.2	73
1149542	0.58	525	0.9	0.058	20.3	0.101	19.2	0.07	1.8	2.4	0.25	76	0.1	3.1	0.05	0.2	5.1	41	0.4	72
1149543	0.62	446	1	0.033	18.4	0.102	20.8	0.13	2	2	0.7	69	0.1	2.1	0.049	0.3	4.3	45	0.2	66
1149544	0.49	402	0.7	0.092	18.7	0.081	16.3	0.06	1.5	2.1	0.7	107	0.1	3.5	0.042	0.2	5	34	0.4	54
1149545	0.47	524	0.7	0.084	16.7	0.082	18.1	0.12	1.6	2.3	0.25	91	0.1	3.2	0.043	0.2	4.7	32	0.3	65
1149546	0.7	433	0.6	0.118	17.4	0.077	13	0.12	1.5	2.5	0.25	116	0.1	2.8	0.057	0.2	3.9	34	0.2	54
1149547	0.87	357	0.4	0.103	20.9	0.057	11	0.025	1.3	3.9	0.25	86	0.1	3.5	0.081	0.2	2.8	43	0.1	77
1149548	1.34	395	0.4	0.228	22.7	0.066	13.3	0.025	1.5	5.2	0.25	156	0.1	6.3	0.121	0.3	0.9	49	0.1	66
1149549	1.73	389	0.4	0.297	24.6	0.08	15.9	0.025	1.9	5.9	0.25	180	0.1	9.4	0.143	0.3	0.8	53	0.1	64
1149550	1.61	367	0.4	0.302	23.3	0.076	14.7	0.025	1.8	5.9	0.25	177	0.1	9.2	0.143	0.3	0.8	55	0.2	57
1149551	1.08	442	0.4	0.109	21.9	0.073	12.5	0.025	1.5	4.3	0.25	81	0.1	6.6	0.091	0.2	1	45	0.2	66
1149552	0.7	269	0.5	0.056	18.9	0.063	11.5	0.025	5.5	2.8	0.25	64	0.1	2.6	0.045	0.1	2.9	41	0.2	80
1149553	0.37	218	1.7	0.008	20.2	0.073	8.2	0.025	1.5	1.6	0.25	26	0.1	4.1	0.03	0.05	0.8	39	0.4	77
1149554	1.07	366	1.9	0.02	30.3	0.106	18.2	0.025	3.2	4.4	0.5	81	0.1	4.6	0.071	0.4	3.7	63	0.2	132
1149555	1.29	344	0.4	0.267	21.5	0.074	16.5	0.025	1.5	5.6	0.25	192	0.1	8.6	0.128	0.2	0.7	52	0.1	59
1149556	1.12	348	0.5	0.189	24.3	0.078	16.5	0.025	1	6	0.25	112	0.1	7.6	0.12	0.2	0.7	53	0.1	66
1149557	0.77	328	0.5	0.026	23.4	0.063	12.7	0.025	1.2	3.7	0.25	33	0.1	5.2	0.075	0.2	0.7	43	0.2	62
1149558	0.56	263	0.6	0.011	18.5	0.062	11.3	0.025	3.7	3.2	0.25	28	0.1	4.1	0.06	0.2	0.8	44	0.3	60
1149559	0.58	283	0.7	0.01	19.8	0.073	11.3	0.025	16.5	3.2	0.25	28	0.1	7	0.078	0.3	1.3	44	0.6	57
1149560	0.51	248	0.8	0.008	19.3	0.06	10.2	0.025	5.6	2.7	0.25	21	0.1	4.2	0.05	0.2	1.1	43	0.3	62
1149561	0.49	210	0.8	0.009	18.2	0.051	9.2	0.025	7.5	2.2	0.25	22	0.1	2.3	0.051	0.2	1	44	0.4	60
1149562	0.45	189	0.8	0.008	17	0.061	9.5	0.025	6.1	2	0.25	19	0.1	2.6	0.046	0.1	1.1	41	0.4	61
1149563	0.36	348	0.6	0.029	20	0.053	10.2	0.025	0.8	1.7	0.25	44	0.1	2.1	0.022	0.05	0.6	28	0.7	54
1149564	0.35	327	0.6	0.017	19.6	0.06	11.7	0.025	0.7	1.9	0.25	33	0.1	2.3	0.019	0.05	0.6	28	0.2	50
1149565	0.35	296	0.6	0.02	19.9	0.061	10.1	0.025	0.8	1.9	0.25	31	0.1	3.1	0.022	0.05	0.6	30	0.7	55
1149566	0.38	250	0.6	0.009	17.3	0.069	11.2	0.07	0.7	1.8	0.25	23	0.1	2.1	0.026	0.1	1	32	1	49
1149567	0.55	425	0.7	0.013	20.6	0.078	12.9	0.06	0.7	2	0.25	27	0.1	1.8	0.033	0.1	1.3	43	0.4	67
1149568	0.48	210	0.9	0.008	17.6	0.063	11.9	0.025	0.9	1.9	0.25	22	0.1	2.4	0.041	0.2	1.2	47	0.4	58
1149569	0.29	560	1.4	0.01	25.2	0.068	111.7	0.14	8	2	0.25	37	0.1	7.5	0.034	0.2	1.9	29	0.2	118
1149570	0.42	262	0.9	0.004	22.8	0.053	14.1	0.025	1	1.8	0.25	11	0.1	3.1	0.023	0.05	1.2	39	0.2	58
1149571	0.37	259	1.2	0.005	20	0.056	19.7	0.025	0.9	1	0.25	11	0.1	2.2	0.02	0.05	1.2	36	0.2	62
1149572	0.24	175	1.4	0.004	13.5	0.039	20.1	0.025	1.3	0.9	0.25	9	0.1	2.9	0.03	0.05	1	61	0.2	45
1149573	0.41	193	0.8	0.004	21	0.043	17.8	0.025	0.9	1.4	0.5	10	0.1	6.8	0.019	0.05	1.1	26	0.2	58
1149575	0.43	163	0.9	0.004	18.2	0.043	20.1	0.025	1.2	1.3	0.6	12	0.1	3.8	0.012	0.05	1.5	35	0.1	58
1149576	0.43	305	1.2	0.004	18.8	0.053	39.7	0.05	4.6	2.2	0.25	13	0.1	2.5	0.035	0.05	0.6	46	0.2	71
1149577	0.47	595	1.4	0.006	29.8	0.075	114.5	0.025	19.6	2.7	0.25	23	0.1	3.8	0.021	0.1	0.7	41	0.1	126
1149578	0.28	676	2.3	0.008	26.3	0.072	56.4	0.06	16.9	2.1	0.25	31	0.2	4.4	0.008	0.05	0.8	29	0.2	101
1149579	0.27	300	1.1	0.004	12.3	0.055	17	0.07	2.5	1.2	0.25	11	0.1	0.9	0.013	0.1	0.6	32	0.2	43
1149580	0.39	264	1.1	0.005	20.1	0.052	14.7	0.025	3.6	1.7	0.25	13	0.1	2.5	0.024	0.05	0.7	38	0.1	52
1149581	0.33	297	1.2	0.005	14.4	0.057	16.2	0.025	1.4	1.3	0.25	15	0.1	1.1	0.024	0.1	0.7	41	0.3	53

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1149583	412189	7083271	8N	0.05	1.1	9	3.1	1	65	0.2	0.1	0.1	7.4	21	21.7	2.7	4	0.02	0.05	18
1149584	412144	7083244	8N	0.05	1.22	7.5	2.9	0.5	66	0.2	0.13	0.2	6.7	22	21.4	2.45	4	0.02	0.06	18
1149585	412098	7083220	8N	0.05	0.95	7.9	2.4	1	58	0.2	0.07	0.05	7.3	19	20.6	2.33	4	0.03	0.05	19
1149586	412048	7083204	8N	0.3	1	4.9	2.6	1	161	0.2	0.14	0.2	4.3	18	16.8	1.6	3	0.09	0.07	12
1149587	412000	7083185	8N	0.05	0.94	6.7	9.2	1	83	0.3	0.23	0.1	6.8	19	22.8	2.54	3	0.03	0.08	30
1149588	411953	7083166	8N	0.05	1.01	8.6	1.3	1	86	0.2	0.1	0.05	6.9	19	18.5	2.46	3	0.02	0.07	23
1149589	411901	7083153	8N	0.2	1.07	11.3	1.7	1	133	0.3	0.15	0.2	10.1	34	28.6	2.91	4	0.02	0.1	27
1149590	411851	7083142	8N	0.2	1.45	11.3	5.2	2	146	0.3	0.1	0.2	10.8	28	33.7	3.16	4	0.05	0.09	24
1149591	411808	7083114	8N	0.1	1.14	9.8	7.3	0.5	104	0.2	0.12	0.2	8.8	23	26.9	2.82	3	0.03	0.08	31
1149592	411757	7083104	8N	0.1	1.07	10.8	2.6	1	123	0.3	0.12	0.2	10.1	21	17.9	2.73	4	0.04	0.08	27
1149593	411709	7083085	8N	0.05	1.11	8.7	2.2	1	100	0.2	0.18	0.2	9	20	26.6	2.71	3	0.02	0.07	28
1149594	411660	7083072	8N	0.1	1.22	8.1	0.8	1	111	0.3	0.06	0.2	4.6	15	22.5	2.35	5	0.05	0.05	20
1149595	411609	7083068	8N	0.4	0.73	3.8	0.7	3	140	0.2	0.12	0.1	3.2	14	18.1	1.28	2	0.13	0.05	15
1149596	411556	7083063	8N	0.05	1.25	7.8	2.2	0.5	56	0.2	0.15	0.2	5.9	19	17.8	2.42	3	0.03	0.04	25
1149598	411504	7083062	8N	0.05	1.16	3.9	2.9	1	62	0.2	0.09	0.05	4.6	16	21.3	1.77	3	0.03	0.05	28
1149599	411454	7083064	8N	0.05	1.14	7.2	1.8	1	71	0.3	0.11	0.05	6.3	17	20.9	2.02	3	0.01	0.04	27
1149600	411402	7083068	8N	0.05	1.13	8.3	1.8	2	128	0.3	0.12	0.2	9.5	18	29.8	2.4	3	0.02	0.05	35
1149601	416609	7087057	8N	0.2	1.42	8.9	2.3	1	149	0.4	0.09	0.1	8	22	28.5	2.7	4	0.03	0.04	30
1149602	416685	7087130	8N	0.1	1.13	6.8	1.9	0.5	83	0.3	0.11	0.2	10.9	19	18.3	2.32	4	0.02	0.03	30
1149651	411353	7083078	8N	0.05	1.07	12	5.7	2	82	0.2	0.08	0.1	5.6	20	12.6	2.65	5	0.05	0.04	11
1149652	411302	7083068	8N	0.05	1.34	11.2	1.8	1	82	0.2	0.08	0.1	9.1	19	15.3	2.09	3	0.03	0.04	11
1149653	411251	7083068	8N	0.05	0.99	12.8	4.8	2	65	0.3	0.08	0.2	6.1	12	20.6	2.73	2	0.03	0.06	26
1149654	413828	7086152	8N	0.05	1.7	11.2	2.2	1	84	0.3	0.08	0.05	7.6	24	13.8	2.72	4	0.04	0.04	20
1149655	413877	7086144	8N	0.05	1.08	9.5	0.6	2	69	0.2	0.07	0.05	4.2	18	11.3	1.98	4	0.03	0.03	15
1149656	413920	7086114	8N	0.05	1	8.8	6.2	0.5	59	0.2	0.05	0.05	4.1	18	11.7	1.81	4	0.03	0.03	16
1149657	413971	7086119	8N	0.05	1.34	12.5	2.6	0.5	99	0.3	0.07	0.1	7.2	24	18	2.47	4	0.03	0.04	19
1149658	414022	7086124	8N	0.05	1.66	14.3	1.5	0.5	73	0.2	0.07	0.1	10.7	25	20.8	2.95	4	0.04	0.04	21
1149659	414076	7086125	8N	0.05	1.12	11.4	1.6	1	103	0.1	0.08	0.3	11.3	21	22.5	2.1	3	0.04	0.03	13
1149660	414127	7086119	8N	0.05	1.69	9.2	1.3	0.5	82	0.2	0.05	0.2	8.6	22	12.8	2.5	4	0.02	0.04	17
1149661	414177	7086105	8N	0.05	1.07	9.8	1.8	0.5	69	0.2	0.05	0.1	6.3	17	18.3	2.1	3	0.03	0.03	17
1149662	414228	7086099	8N	0.05	1.07	8.3	1.2	1	50	0.2	0.05	0.1	3.9	23	13.5	2.05	4	0.04	0.03	15
1149663	414279	7086108	8N	0.05	0.91	7.1	1.1	2	45	0.2	0.05	0.05	5.4	18	15.7	1.9	4	0.01	0.03	13
1149664	414333	7086097	8N	0.05	1.09	7.5	1.5	1	68	0.1	0.07	0.1	6.4	21	17.4	1.86	3	0.02	0.03	13
1149666	414384	7086092	8N	0.05	0.84	6.4	1.5	1	64	0.2	0.04	0.05	4.1	17	12.4	1.66	3	0.03	0.03	18
1149667	414436	7086092	8N	0.05	1.35	11.5	3.1	1	83	0.2	0.1	0.1	8.1	24	18.8	2.36	3	0.04	0.03	14
1149668	414485	7086091	8N	0.05	1.48	12.5	0.7	2	152	0.1	0.06	0.2	9.3	27	17.8	2.57	4	0.04	0.03	13
1149669	414530	7086096	8N	0.05	1.61	11.9	6.4	1	78	0.2	0.07	0.2	6.2	28	12.7	2.72	5	0.05	0.04	12
1149670	414530	7086096	8N	0.05	1.55	12.1	1.7	1	81	0.2	0.07	0.2	5.8	24	10.8	2.57	5	0.03	0.03	10
1149671	414580	7086098	8N	0.05	0.92	9.7	7.3	0.5	55	0.2	0.05	0.05	2.8	16	8.2	1.93	5	0.06	0.03	16
1149672	414633	7086095	8N	0.05	0.8	7.2	1.7	0.5	78	0.2	0.1	0.05	4	15	7.9	1.42	4	0.04	0.03	11
1149673	414680	7086096	8N	0.05	0.8	7.4	1.7	0.5	60	0.2	0.09	0.05	3.8	18	9.8	1.83	4	0.03	0.03	10
1149674	414725	7086112	8N	0.1	1.22	9	2.9	2	156	0.2	0.12	0.1	7.5	26	19.9	2.25	4	0.04	0.06	17
1149675	414776	7086121	8N	0.05	1.33	11.6	6.5	2	104	0.2	0.14	0.1	9.5	32	18.2	2.37	4	0.01	0.06	17
1149677	414829	7086135	8N	0.05	1.03	8.6	2	1	75	0.2	0.08	0.05	4.4	20	10.5	1.81	4	0.02	0.04	13
1149678	414878	7086145	8N	0.05	1.14	10.2	1.3	1	86	0.1	0.09	0.1	7.5	21	13.3	2.04	3	0.03	0.03	13
1149679	414095	7085306	8N	0.05	0.55	3.4	1.9	1	36	0.2	0.05	0.1	1.5	12	4.7	0.87	4	0.04	0.03	16

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1149583	0.4	256	0.8	0.004	19.8	0.044	15.5	0.025	0.9	1.8	0.25	11	0.1	2.3	0.022	0.05	0.6	34	0.2	50
1149584	0.43	187	0.7	0.005	20	0.056	11.4	0.025	1	2	0.25	13	0.1	1.8	0.023	0.05	0.6	33	0.2	53
1149585	0.2	278	1.1	0.004	17.2	0.055	14.2	0.06	1.1	1.5	0.25	8	0.1	0.9	0.014	0.1	0.7	39	0.1	42
1149586	0.15	178	0.9	0.007	15.2	0.145	13.8	0.17	0.7	0.9	0.25	13	0.1	0.1	0.007	0.1	0.9	28	0.1	33
1149587	0.36	200	0.8	0.006	22.2	0.07	16	0.025	1.4	2.1	0.25	19	0.1	8.5	0.025	0.05	1.1	30	0.3	58
1149588	0.33	249	0.8	0.005	18.7	0.047	14.8	0.025	1.2	1.6	0.25	10	0.1	2.7	0.019	0.05	0.8	32	0.2	50
1149589	0.47	382	1	0.005	35.2	0.063	19.3	0.025	1.3	2	0.25	15	0.1	3	0.017	0.05	1.1	35	0.2	68
1149590	0.41	415	1.2	0.006	31.7	0.067	20.6	0.025	1.4	2.2	0.25	14	0.1	2.7	0.015	0.1	1.2	40	0.2	76
1149591	0.44	307	0.9	0.005	26.2	0.063	15.6	0.025	1.4	1.9	0.25	14	0.1	4.4	0.017	0.05	1.1	30	0.1	65
1149592	0.35	610	1.3	0.005	19.8	0.062	18.6	0.05	1.6	1.7	0.8	12	0.1	2.5	0.017	0.05	0.9	34	0.2	62
1149593	0.42	283	1.1	0.006	28.2	0.075	16.6	0.07	1.5	1.9	0.25	18	0.1	4.7	0.029	0.05	1.2	33	0.2	71
1149594	0.18	107	1.8	0.005	14.7	0.102	23	0.09	1.1	0.5	0.25	12	0.1	0.3	0.005	0.2	1.2	34	0.1	43
1149595	0.12	70	1.1	0.008	10.2	0.156	14.9	0.16	0.7	0.8	0.6	14	0.1	0.2	0.004	0.05	1.8	16	0.05	24
1149596	0.46	171	0.6	0.004	17.8	0.062	15.8	0.025	1.6	1.7	0.25	12	0.1	6.5	0.02	0.05	0.7	28	0.1	54
1149598	0.4	89	0.5	0.004	14.2	0.049	20.1	0.025	1.2	1.4	0.25	8	0.1	6	0.009	0.05	1.1	22	0.1	41
1149599	0.37	110	0.7	0.004	17.7	0.054	29.6	0.025	4.4	1.4	0.25	10	0.1	5.6	0.013	0.05	1	25	0.1	53
1149600	0.38	233	1	0.004	22.7	0.057	17.7	0.025	2.1	2.2	0.25	13	0.1	7.9	0.022	0.05	1.5	27	0.2	59
1149601	0.51	215	1.2	0.005	23.5	0.035	26.4	0.025	0.8	1.8	0.8	18	0.1	7.5	0.013	0.05	2.1	28	0.2	63
1149602	0.46	376	0.8	0.004	16.2	0.031	20.1	0.025	0.6	1.2	0.25	15	0.1	6.9	0.008	0.05	1.1	21	0.2	54
1149651	0.31	239	1	0.004	15	0.027	13.6	0.025	1	1.7	0.25	9	0.1	2.8	0.038	0.05	0.5	51	0.2	55
1149652	0.35	297	0.7	0.005	21	0.028	9.7	0.025	0.7	1.8	0.25	8	0.1	3.1	0.025	0.05	0.5	33	0.2	50
1149653	0.21	245	1.1	0.005	18.3	0.055	36.7	0.025	2.8	1.2	0.8	16	0.1	3.9	0.008	0.1	1.1	22	0.1	72
1149654	0.35	254	1.2	0.007	15.3	0.03	15.8	0.025	0.8	2	0.6	11	0.1	6.2	0.035	0.1	0.8	44	0.2	46
1149655	0.26	150	0.9	0.004	10.1	0.038	12.4	0.025	0.6	0.9	0.25	9	0.1	0.6	0.019	0.05	0.8	37	0.1	34
1149656	0.27	125	1	0.005	10.2	0.03	10.7	0.025	0.6	1.1	0.25	8	0.1	1.4	0.019	0.05	0.8	35	0.1	35
1149657	0.42	210	0.9	0.004	16.2	0.039	16.6	0.025	0.9	1.5	0.25	10	0.1	1.2	0.022	0.05	1.1	36	0.1	50
1149658	0.38	318	1.2	0.005	23.4	0.041	15	0.025	1.8	2	0.25	9	0.1	7.4	0.026	0.05	1.1	41	0.2	53
1149659	0.36	293	0.8	0.005	24.7	0.038	11.3	0.025	0.7	1.7	0.25	9	0.1	4.4	0.025	0.05	0.7	33	0.2	53
1149660	0.33	202	0.9	0.005	17.8	0.025	15.8	0.025	0.7	1.6	0.25	7	0.1	6.2	0.025	0.1	0.7	43	0.1	43
1149661	0.29	189	0.8	0.004	13.4	0.034	14	0.025	0.6	1	0.25	7	0.1	2	0.015	0.05	0.9	33	0.1	39
1149662	0.25	107	0.8	0.006	11.6	0.033	12.5	0.025	0.4	0.7	0.25	7	0.1	0.4	0.015	0.05	0.8	34	0.1	31
1149663	0.29	173	1	0.005	13.7	0.039	13.4	0.025	0.6	0.4	0.25	7	0.1	0.4	0.015	0.05	0.6	30	0.05	39
1149664	0.34	174	0.6	0.004	17.5	0.031	10.5	0.025	0.4	1.3	0.25	8	0.1	3	0.018	0.05	0.6	28	0.1	44
1149666	0.23	110	0.9	0.005	11.2	0.033	13.5	0.025	0.3	0.5	0.25	7	0.1	0.3	0.012	0.05	0.8	28	0.05	33
1149667	0.38	222	0.8	0.005	17	0.053	10.8	0.025	0.6	2	0.25	10	0.1	2	0.028	0.05	0.9	35	0.2	53
1149668	0.43	282	0.9	0.006	20.9	0.022	12.3	0.025	0.7	2.5	0.25	8	0.1	4.9	0.038	0.05	0.6	47	0.2	55
1149669	0.34	231	1.2	0.005	14.6	0.025	12.5	0.025	0.7	1.9	0.25	9	0.1	2.7	0.037	0.05	0.5	56	0.2	47
1149670	0.31	210	1	0.004	13.1	0.025	11.3	0.025	0.7	1.5	0.25	7	0.1	2.5	0.031	0.05	0.5	50	0.2	46
1149671	0.16	102	1.1	0.003	7.4	0.027	15.5	0.025	1.2	1.3	0.25	9	0.1	2.2	0.038	0.1	0.5	49	0.2	26
1149672	0.21	167	1.1	0.006	9.8	0.032	16.9	0.025	2	0.8	0.25	12	0.1	0.7	0.02	0.05	0.5	34	0.1	35
1149673	0.25	148	1	0.007	11.7	0.033	19	0.025	2.5	0.8	0.25	11	0.1	0.6	0.026	0.05	0.4	32	0.2	41
1149674	0.42	237	0.9	0.008	22.1	0.055	12.2	0.025	1.2	1.5	0.25	17	0.1	0.9	0.024	0.1	0.9	40	0.2	58
1149675	0.48	436	0.9	0.005	22	0.052	10.4	0.025	0.9	1.9	0.25	15	0.1	2.4	0.039	0.1	0.8	39	0.2	64
1149677	0.33	147	0.7	0.005	12.5	0.033	9	0.025	0.6	0.9	0.25	10	0.1	0.5	0.024	0.05	0.5	37	0.2	40
1149678	0.37	316	0.8	0.005	15.2	0.039	9	0.025	0.6	1.4	0.25	10	0.1	2	0.024	0.05	0.5	37	0.2	54
1149679	0.12	78	2.7	0.004	4.4	0.03	9.5	0.07	0.3	0.6	0.25	6	0.1	0.2	0.014	0.05	0.4	27	0.2	19

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1149680	414159	7085348	8N	0.05	1.47	10.3	4.7	0.5	168	0.2	0.22	0.05	11.3	46	18.4	3.41	5	0.04	0.18	20
1149681	414226	7085389	8N	0.05	0.89	8.4	7.6	1	191	0.2	0.24	0.2	5.3	18	14.4	1.82	3	0.04	0.04	15
1149682	414286	7085434	8N	0.05	0.96	9.8	2.9	2	120	0.2	0.3	0.2	7.3	20	11.3	2.26	3	0.04	0.04	13
1149683	414351	7085474	8N	0.05	1.49	12.7	3.5	0.5	235	0.3	0.35	0.1	14.9	39	24.5	4.02	5	0.04	0.09	20
1149684	414421	7085502	8N	0.2	1.51	20.7	8.2	1	227	0.4	0.34	0.3	18.3	42	33.5	4.47	5	0.05	0.15	23
1149685	414554	7085565	8N	0.2	2.15	8.5	5.2	0.5	270	0.5	0.5	0.3	21.7	50	51.8	5.38	9	0.04	0.44	39
1149686	414627	7085588	8N	0.05	1.17	11.8	17.5	0.5	131	0.3	0.19	0.3	10.5	25	20.9	3.13	4	0.03	0.09	20
1149687	414689	7085634	8N	0.1	0.82	7.9	3	1	110	0.3	0.26	0.2	6.6	21	14.5	2.02	4	0.03	0.07	18
1149688	414483	7085542	8N	0.05	1.61	8.2	11.9	0.5	271	0.2	0.4	0.3	16.9	47	29.4	4.61	6	0.04	0.4	34
1149691	404366	7077413	8N	0.2	0.88	10.4	3.5	0.5	116	0.3	0.16	0.4	13.3	15	30.4	2.48	2	0.03	0.04	27
1149701	418771	7089086	8N	0.05	0.98	9.2	0.25	0.5	83	0.1	0.11	0.2	10.3	17	14.1	2.15	3	0.04	0.05	20
1149702	418720	7089084	8N	0.05	0.97	8.8	0.5	1	77	0.1	0.08	0.1	7.9	16	13.2	1.95	3	0.02	0.03	14
1149703	418669	7089084	8N	0.05	0.88	10.2	2.2	0.5	109	0.1	0.18	0.3	7.9	16	18.4	1.91	2	0.01	0.04	14
1149704	418622	7089087	8N	0.05	1.26	8.6	0.7	1	132	0.2	0.06	0.2	10.7	20	16.5	2.24	3	0.02	0.05	20
1149705	418583	7089118	8N	0.05	1.58	19	0.8	0.5	61	0.4	0.09	0.2	30.4	20	70.2	4.31	5	0.01	0.03	74
1149706	418542	7089145	8N	0.05	1.4	14.1	8.5	0.5	64	0.2	0.06	0.1	12.2	23	22.8	2.6	4	0.01	0.04	20
1149707	418496	7089161	8N	0.05	1.07	9.9	1.3	2	78	0.2	0.06	0.2	7.6	22	14.6	2.56	5	0.02	0.04	16
1149708	418451	7089173	8N	0.05	0.6	5	2.8	0.5	94	0.3	0.12	0.05	9.8	8	30.8	2.25	2	0.03	0.05	45
1149709	418411	7089203	8N	0.05	1.59	10.9	2.3	0.5	50	0.2	0.04	0.1	16.5	25	33.7	3.3	5	0.005	0.05	35
1149710	418374	7089237	8N	0.05	1.73	9.6	2.9	0.5	125	0.2	0.11	0.05	14.2	30	30.8	3.28	5	0.02	0.03	21
1149711	418328	7089257	8N	0.05	1.2	8.8	0.9	0.5	73	0.2	0.04	0.05	12	18	34.1	2.43	3	0.02	0.04	31
1149712	418282	7089279	8N	0.05	1.6	9.1	0.7	1	164	0.2	0.07	0.2	6.7	27	10.8	2.32	5	0.02	0.04	17
1149713	418250	7089317	8N	0.05	1.09	11.3	8.5	1	53	0.3	0.1	0.1	7.8	18	18	2.36	4	0.03	0.04	22
1149714	418210	7089346	8N	0.05	1.32	10.9	2.2	0.5	109	0.1	0.08	0.3	9.2	22	23	2.27	4	0.04	0.04	15
1149715	418164	7089354	8N	0.05	1.25	11	3.1	0.5	140	0.1	0.08	0.2	9.8	21	17.6	2.13	3	0.03	0.04	17
1149716	418120	7089371	8N	0.05	1.5	1.6	0.25	1	79	0.4	0.07	0.05	23.5	17	99.7	3.84	4	0.005	0.03	33
1149717	418074	7089392	8N	0.05	0.94	14.2	2	1	71	0.3	0.07	0.05	13.1	17	21.4	2.41	4	0.01	0.03	24
1149718	418024	7089402	8N	0.05	0.88	10.3	2.1	1	103	0.2	0.17	0.05	9.7	17	14.5	2.07	3	0.01	0.03	15
1149719	417979	7089423	8N	0.05	0.75	8.8	0.25	1	157	0.05	0.13	0.1	6.9	14	18.7	1.67	2	0.03	0.03	14
1149720	417933	7089440	8N	0.05	1.31	9.8	2.7	1	173	0.1	0.07	0.2	9.2	20	19.2	2.38	3	0.04	0.04	19
1149721	417890	7089460	8N	0.05	1.36	10.2	0.25	1	87	0.2	0.06	0.05	6.2	21	11.4	2.44	4	0.03	0.04	15
1149722	417847	7089482	8N	0.05	1.2	11.5	1.9	0.5	96	0.2	0.09	0.2	9.4	17	18.3	2.23	3	0.02	0.04	18
1149723	417806	7089508	8N	0.05	0.89	9.6	5.6	1	58	0.2	0.1	0.1	11.5	20	13.3	2.25	3	0.02	0.04	13
1149724	417777	7089546	8N	0.05	1.34	27.3	1	0.5	49	1	0.09	0.05	20.9	17	41.9	2.85	4	0.005	0.03	76
1149725	417741	7089580	8N	0.05	1.26	9.9	3	1	162	0.2	0.06	0.1	12.3	21	31.2	2.74	4	0.03	0.04	35
1149726	417702	7089607	8N	0.3	0.18	18.3	2	0.5	40	0.7	0.01	0.05	6.1	5	31.8	2.54	0.5	0.04	0.02	19
1149728	417675	7089651	8N	0.05	0.72	8.4	0.25	0.5	102	0.4	0.68	0.05	16.5	9	42.6	3.59	2	0.03	0.04	47
1149730	417640	7089687	8N	0.05	1.21	11.8	2	0.5	144	0.2	0.08	0.2	8.9	18	19.4	2.2	3	0.02	0.04	20
1149731	417608	7089722	8N	0.2	1.03	12.6	0.9	2	124	0.3	0.11	0.3	7.4	21	18.1	2.53	3	0.03	0.03	27
1149732	417576	7089761	8N	0.2	0.33	14.8	2.2	2	93	0.2	15.05	0.2	8.4	6	24.6	2.02	0.5	0.03	0.04	13
1149733	417544	7089799	8N	0.05	0.66	5.7	0.25	0.5	129	0.2	0.3	0.2	12.4	6	26.5	3.78	1	0.03	0.04	73
1149734	417511	7089835	8N	4.2	0.25	14.7	0.25	1	70	1	0.07	0.05	10.9	4	49.5	3.06	0.5	0.06	0.1	18
1149735	417482	7089873	8N	0.3	0.65	9.9	0.9	1	130	0.3	0.66	0.2	11.8	13	33.6	2.89	2	0.08	0.06	35
1149736	417450	7089910	8N	0.05	0.86	4.6	0.9	0.5	72	0.3	0.07	0.1	13.2	0.5	22.5	2.64	2	0.005	0.05	23
1149737	417053	7085775	8N	0.05	0.83	6.6	6.6	1	70	0.2	0.07	0.05	5.1	19	14.2	2	3	0.03	0.03	17
1149738	417089	7085811	8N	0.05	1.3	8.3	0.25	2	118	0.3	0.03	0.1	21.6	16	45.6	3.1	3	0.06	0.06	55

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1149680	0.64	686	4.8	0.005	45.1	0.066	19.5	0.06	0.8	3.7	0.25	30	0.1	4.4	0.063	0.2	0.8	65	0.2	70
1149681	0.29	242	1.2	0.005	15.3	0.055	11.9	0.05	0.6	1.4	0.25	24	0.1	1	0.024	0.05	0.8	33	0.2	48
1149682	0.32	428	1.6	0.004	14.5	0.052	11.7	0.07	0.7	1.3	0.25	41	0.1	1.3	0.019	0.05	0.6	35	0.2	53
1149683	0.53	819	1.6	0.006	31.3	0.073	22.2	0.06	1.1	2.9	0.25	41	0.1	2.4	0.03	0.1	1.1	47	0.2	82
1149684	0.61	789	2	0.007	36.2	0.074	32.8	0.07	2.3	5.1	0.25	44	0.1	9.8	0.058	0.2	1.5	54	0.2	89
1149685	1.24	1436	1.5	0.006	45.1	0.086	41.4	0.07	0.8	6.6	0.6	62	0.1	8.6	0.115	0.6	1.6	97	0.2	130
1149686	0.39	577	1.2	0.005	23.2	0.066	19	0.07	0.7	1.9	0.25	25	0.1	2.6	0.034	0.1	0.9	39	0.4	67
1149687	0.27	321	0.9	0.005	14.8	0.056	21.9	0.08	1	1.5	0.25	37	0.1	1.5	0.028	0.1	0.7	37	0.3	54
1149688	0.99	761	1.3	0.006	33.2	0.134	14.6	0.025	1.6	4.5	0.25	59	0.1	7.9	0.145	0.4	1.2	78	0.2	100
1149691	0.29	1392	0.7	0.004	30	0.053	29.1	0.025	0.5	2.4	0.25	13	0.1	7.7	0.016	0.05	1.1	22	0.2	69
1149701	0.26	338	0.9	0.004	17.8	0.058	18.3	0.025	0.7	1.4	0.25	13	0.1	4.3	0.02	0.05	0.7	30	0.1	49
1149702	0.27	363	0.7	0.004	16.3	0.036	16.5	0.025	0.6	1.3	0.25	9	0.1	4.5	0.015	0.05	0.5	25	0.1	46
1149703	0.32	328	0.6	0.005	21.3	0.069	9.3	0.025	0.7	1.5	0.25	16	0.1	4.6	0.029	0.05	0.6	27	0.2	56
1149704	0.3	306	0.9	0.004	22.4	0.033	15.2	0.025	0.8	2	0.25	9	0.1	6.6	0.023	0.05	0.8	30	0.1	52
1149705	0.76	542	0.3	0.003	42.9	0.065	27.9	0.025	0.2	2.5	0.25	15	0.1	25.7	0.002	0.05	2.9	9	0.05	96
1149706	0.45	362	0.7	0.004	20.9	0.041	19.9	0.025	0.6	1.8	0.6	8	0.1	5.5	0.018	0.05	0.7	28	0.1	57
1149707	0.29	359	1.1	0.004	14.6	0.041	14.7	0.025	0.6	0.9	0.7	9	0.1	0.9	0.018	0.05	0.7	39	0.05	52
1149708	0.18	353	0.4	0.005	25.6	0.03	15.8	0.025	0.3	1.3	0.25	17	0.1	11.3	0.002	0.05	1.1	8	0.05	56
1149709	0.61	568	0.5	0.004	30.3	0.033	22.8	0.025	0.5	2.1	0.6	6	0.1	12.7	0.009	0.05	0.8	20	0.05	78
1149710	0.63	661	0.7	0.003	29	0.063	11.2	0.025	0.6	2.7	0.9	13	0.1	5.6	0.017	0.05	0.7	34	0.1	57
1149711	0.41	278	0.5	0.003	24.9	0.028	18.8	0.025	0.5	1.7	0.25	8	0.1	6.5	0.014	0.05	1.2	20	0.05	55
1149712	0.37	256	1.2	0.007	13.3	0.023	11.8	0.025	0.6	2.4	0.25	9	0.1	2.7	0.038	0.1	0.8	53	0.2	48
1149713	0.35	309	0.9	0.004	17.3	0.07	20.8	0.025	0.5	1.3	0.5	11	0.1	3.4	0.024	0.05	0.8	29	0.05	52
1149714	0.39	339	1	0.004	22.2	0.037	11.7	0.025	0.9	2.3	0.25	10	0.1	4.9	0.031	0.05	0.8	37	0.2	55
1149715	0.35	314	0.6	0.004	18.9	0.035	11.3	0.025	0.7	2.6	0.6	10	0.1	5.2	0.025	0.05	0.8	32	0.2	48
1149716	0.61	336	0.2	0.002	46.3	0.043	19.6	0.025	0.1	1.4	0.25	11	0.3	12.6	0.003	0.05	1.6	7	0.05	86
1149717	0.23	423	0.9	0.002	18.8	0.047	40.3	0.025	0.4	1	0.25	7	0.1	4.8	0.011	0.05	0.6	31	0.1	48
1149718	0.27	260	0.8	0.003	19.3	0.069	12.6	0.025	0.5	1.1	0.25	13	0.1	2.9	0.016	0.05	0.6	32	0.3	47
1149719	0.27	270	0.6	0.004	16.6	0.042	9	0.025	0.6	1.6	0.8	13	0.1	3.7	0.019	0.05	0.6	23	0.1	43
1149720	0.31	420	0.9	0.005	20.7	0.021	38.3	0.025	0.6	2.2	0.7	12	0.1	7.4	0.024	0.05	0.7	28	0.1	54
1149721	0.3	325	1.1	0.004	15.9	0.032	44.2	0.025	0.6	1.8	0.6	9	0.1	4.8	0.025	0.05	0.6	36	0.2	44
1149722	0.35	332	0.8	0.005	19.4	0.036	12.1	0.025	0.6	1.8	0.8	10	0.1	5.3	0.024	0.1	0.7	30	0.2	52
1149723	0.25	624	0.9	0.003	19.3	0.068	20.9	0.025	0.6	1.5	0.25	9	0.1	4.7	0.024	0.05	0.7	33	0.3	57
1149724	0.59	294	0.2	0.002	32.9	0.047	42.3	0.025	0.2	1.3	0.25	11	0.1	21.9	0.004	0.05	1.4	8	0.05	73
1149725	0.46	449	0.6	0.004	27.5	0.024	18.8	0.025	0.6	2.7	0.25	12	0.1	9.7	0.021	0.05	1.2	25	0.1	69
1149726	0.01	227	1.4	0.003	12.2	0.021	36.6	0.025	4	1.5	2	31	0.1	7.8	5E-04	0.05	0.8	4	0.05	44
1149728	0.15	1073	0.5	0.003	32.1	0.045	20.3	0.025	2.9	3.7	0.25	22	0.1	14.8	0.003	0.05	0.9	9	0.05	70
1149730	0.31	396	0.8	0.005	17.3	0.045	13.1	0.025	1.6	2.4	0.25	12	0.1	5.1	0.022	0.05	0.9	27	0.1	48
1149731	0.21	495	0.7	0.003	17.2	0.026	25.5	0.025	4.2	2.2	0.25	9	0.1	4.7	0.018	0.05	0.6	34	0.1	48
1149732	0.16	190	0.5	0.004	20.8	0.034	15.3	0.11	5.3	2.9	0.25	240	0.1	6.2	0.005	0.05	0.9	6	0.05	49
1149733	0.09	399	0.6	0.002	33.3	0.148	27.6	0.09	2.9	1.5	0.25	27	0.1	11	0.002	0.05	0.7	6	0.05	108
1149734	0.04	152	0.8	0.004	19	0.039	44	0.2	12.6	0.9	0.25	35	0.1	15.4	0.003	0.1	1.4	1	0.05	27
1149735	0.16	638	0.8	0.005	27.7	0.036	25.6	0.025	3.1	2.3	0.25	18	0.1	10.1	0.009	0.05	0.8	18	0.1	71
1149736	0.28	312	0.6	0.003	23.5	0.048	18.6	0.025	0.4	1	0.25	12	0.1	5.8	0.016	0.05	0.7	20	0.05	64
1149737	0.21	219	1.2	0.003	15.6	0.044	10.5	0.025	0.9	0.6	1.1	7	0.1	0.4	0.009	0.05	0.6	29	0.1	37
1149738	0.24	931	1.2	0.002	39.8	0.034	9.1	0.025	1.5	1.5	1	6	0.1	13.2	0.003	0.1	0.8	19	0.05	80

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1149740	417874	7088084	8N	0.1	0.98	8	0.9	3	490	0.1	0.35	0.5	8.5	26	32.4	2.17	3	0.04	0.06	15
1149751	417647	7083502	8N	0.05	1.62	21.2	3.4	0.5	199	0.3	0.1	0.2	25.7	18	67.5	4.54	4	0.005	0.05	42
1149752	417694	7083502	8N	0.1	1.21	7.3	1.8	0.5	58	0.5	0.05	0.1	14.1	18	45.3	3.27	4	0.01	0.04	47
1149753	417747	7083501	8N	0.05	1.17	15.5	1.7	0.5	50	0.3	0.08	0.1	19.5	20	30.1	3.92	4	0.01	0.05	22
1149754	417838	7083491	8N	0.05	1.33	11.7	2.9	1	116	0.4	0.08	0.2	12.5	21	25.1	2.63	4	0.02	0.04	18
1149755	417884	7083513	8N	0.05	1.24	10.2	0.25	1	74	0.3	0.07	0.2	9.5	21	21.6	2.56	3	0.02	0.04	20
1149756	417930	7083533	8N	0.05	1.21	10.6	1.5	0.5	62	0.3	0.1	0.2	12.2	22	29.5	2.95	4	0.03	0.05	21
1149757	417975	7083559	8N	0.05	1.34	11.4	3	0.5	60	0.3	0.1	0.2	14	20	30	3.02	3	0.02	0.04	22
1149758	418022	7083578	8N	0.05	1.18	9.3	2.9	0.5	75	0.3	0.11	0.2	13.9	20	27.4	2.66	3	0.05	0.04	22
1149759	418047	7083623	8N	0.05	1.07	8.7	4.5	0.5	78	0.3	0.09	0.2	13.7	18	27.5	2.47	3	0.01	0.04	19
1149760	418061	7083674	8N	0.05	1.1	9.6	11.4	0.5	105	0.2	0.16	0.2	11.4	21	27.4	2.57	3	0.03	0.05	19
1149761	418081	7083717	8N	0.05	1.05	9.9	5.9	0.5	79	0.2	0.11	0.2	9.8	19	20.3	2.22	3	0.02	0.04	16
1149762	418085	7083763	8N	0.05	1.06	9.7	6.1	0.5	96	0.2	0.14	0.3	9.3	20	22.2	2.2	3	0.04	0.04	15
1149763	418110	7083802	8N	0.1	1.06	20.8	1.3	0.5	69	0.6	0.06	0.2	15.6	19	54.2	3.56	3	0.01	0.05	30
1149764	418142	7083837	8N	0.05	0.98	9	2.8	0.5	64	0.3	0.07	0.1	10.5	17	22.1	2.39	3	0.02	0.03	21
1149765	418172	7083878	8N	0.05	1.24	18.3	3.2	0.5	65	0.4	0.05	0.1	13.6	20	43.1	3.41	4	0.01	0.04	37
1149766	418206	7083916	8N	0.05	1.06	11.5	2.5	1	99	0.2	0.11	0.2	9.5	19	26	2.46	3	0.04	0.04	22
1149767	418235	7083956	8N	0.05	1.06	10.3	3.3	0.5	88	0.2	0.1	0.2	8.5	20	20.5	2.19	3	0.03	0.04	15
1149768	418249	7084005	8N	0.05	1.37	16.3	1.7	0.5	87	0.2	0.13	0.2	11.6	22	19.6	2.69	3	0.02	0.04	19
1149769	418275	7084044	8N	0.05	1.54	12.7	2.1	0.5	50	0.4	0.05	0.05	14.8	21	39.6	3.74	4	0.005	0.05	33
1149770	418295	7084084	8N	0.05	0.99	11.9	4.5	0.5	42	0.3	0.04	0.1	10.4	17	23	2.79	4	0.01	0.03	20
1149771	418301	7084122	8N	0.05	1.14	10.6	2	0.5	68	0.3	0.08	0.1	12	17	30.5	2.78	3	0.02	0.05	29
1149772	418321	7084169	8N	0.05	1.33	7.1	1.9	0.5	98	0.3	0.07	0.05	13.7	19	22.7	2.61	4	0.02	0.04	29
1149773	418301	7084222	8N	0.05	1.41	8.7	2.7	0.5	83	0.4	0.03	0.2	17.9	19	34.8	3.44	4	0.02	0.05	39
1149774	418313	7084274	8N	0.05	1.35	13.4	4.1	0.5	73	0.4	0.13	0.1	13.2	17	40.3	3.65	4	0.005	0.05	46
1149775	418306	7084319	8N	0.05	1.19	10	4.8	0.5	127	0.2	0.09	0.1	9.7	21	26.9	2.47	4	0.02	0.04	22
1149776	418307	7084369	8N	0.05	1.34	8.4	1.6	0.5	84	0.2	0.05	0.1	9.7	28	23.5	2.58	4	0.02	0.04	23
1149777	418291	7084424	8N	0.05	1.31	11.1	1.9	0.5	118	0.3	0.13	0.05	14.3	30	33.5	2.8	4	0.02	0.04	29
1149778	418284	7084472	8N	0.05	1.11	16.2	1.5	0.5	79	0.3	0.1	0.2	23.3	20	36.5	3.38	3	0.01	0.04	33
1149779	418278	7084518	8N	0.05	1.32	10.1	2.1	0.5	106	0.3	0.12	0.2	17	25	33.9	3.14	4	0.02	0.05	30
1149780	416733	7085532	8N	0.05	1.73	15.9	2	2	105	0.2	0.12	0.3	14.8	40	18.8	3.65	6	0.03	0.15	22
1149781	416768	7085567	8N	0.05	1.49	11.5	0.25	1	92	0.2	0.05	0.2	12.5	27	25.6	3.38	4	0.03	0.06	15
1149782	416813	7085587	8N	0.2	0.93	13.1	5.2	2	89	0.1	0.12	0.1	10.4	16	20.9	2.65	2	0.05	0.05	12
1149783	416824	7085634	8N	0.1	1.61	9	1.1	0.5	107	0.3	0.06	0.3	6.6	24	15.8	2.71	6	0.07	0.03	9
1149784	416865	7085656	8N	0.05	1.24	13.7	5.4	2	68	0.2	0.09	0.3	7.7	21	15.2	2.82	4	0.02	0.03	12
1149785	416905	7085683	8N	0.05	1.09	12.2	2.1	0.5	95	0.1	0.07	0.2	7.4	19	17.3	2.58	3	0.01	0.04	13
1149786	416952	7085673	8N	0.05	1.09	45.6	1.5	0.5	139	0.2	0.29	0.3	32.2	99	42.5	5.11	3	0.04	0.07	49
1149787	416980	7085713	8N	0.1	0.69	14.7	0.25	0.5	158	0.2	0.27	0.05	15.6	45	50.6	4.57	2	0.11	0.05	37
1149789	417015	7085747	8N	0.05	0.68	8.5	0.25	1	179	0.2	0.16	0.05	9.2	25	29.6	3.13	2	0.06	0.04	29
1149791	409402	7088785	8N	0.1	2.04	25.4	2.3	4	209	0.9	1.3	0.7	8.1	22	15.6	2.03	6	0.04	0.04	15
1149792	409400	7088837	8N	0.3	1.9	43.5	15.9	2	231	1.8	1.14	0.3	9.1	46	50.7	2.08	6	0.05	0.06	20
1149793	409400	7088886	8N	0.4	1.39	95.3	14.8	2	197	4.2	1.54	0.6	9.7	20	79.3	2.01	4	0.05	0.05	21
1149794	409402	7088937	8N	0.3	1.2	53.3	10.3	0.5	201	1.4	0.92	0.8	12.7	23	45.7	2.36	4	0.06	0.05	21
1149795	409401	7088984	8N	0.2	3.19	15.6	1.4	2	186	0.3	1.02	0.6	11.2	41	20.6	2.56	9	0.04	0.09	23
1149796	409398	7089036	8N	0.8	1.92	156.6	22.1	2	233	1.7	0.42	0.9	13.3	36	104	2.76	6	0.06	0.14	18
1149797	409399	7089086	8N	0.2	1.76	19.5	0.25	3	119	0.4	0.11	0.3	5.7	23	11.6	2.67	6	0.04	0.04	15

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1149740	0.48	279	1	0.015	28	0.09	11.2	0.025	0.9	3.1	0.25	31	0.1	4.7	0.047	0.05	0.7	44	0.3	83
1149751	0.5	391	1.1	0.005	59.1	0.064	29	0.025	1.6	2.3	0.7	15	0.1	22.3	0.005	0.05	2.6	16	0.05	110
1149752	0.46	290	0.8	0.004	20.2	0.052	25.2	0.025	0.5	1.1	0.7	16	0.1	12.7	0.014	0.05	2.3	19	0.05	65
1149753	0.33	959	1.2	0.005	31.5	0.079	28.2	0.025	1	1.4	0.8	10	0.1	7.4	0.024	0.05	1.3	35	0.1	71
1149754	0.4	366	1	0.004	24.4	0.05	15.4	0.025	0.8	1.6	0.6	11	0.1	5.3	0.02	0.05	1.2	33	0.2	70
1149755	0.38	275	1	0.004	20.1	0.052	14.8	0.025	0.6	1.3	0.5	10	0.1	4.1	0.018	0.05	1	30	0.2	59
1149756	0.41	356	1.1	0.005	26.4	0.054	17.8	0.025	0.8	1.7	1	13	0.1	8.6	0.034	0.05	1.3	33	0.2	70
1149757	0.42	410	1	0.005	28.1	0.069	26.4	0.025	0.8	1.7	0.9	13	0.1	9.7	0.024	0.05	1.6	26	0.2	79
1149758	0.4	455	0.9	0.005	27.5	0.066	15.8	0.025	0.7	1.4	0.9	13	0.1	4.5	0.023	0.05	1.5	28	0.1	115
1149759	0.38	397	0.8	0.005	24.1	0.045	14.8	0.025	0.7	1.7	0.25	11	0.1	7.1	0.03	0.05	1.3	27	0.2	69
1149760	0.41	309	1	0.005	28.1	0.074	13.7	0.025	0.8	1.8	0.7	15	0.1	6.4	0.035	0.05	1.2	33	0.2	75
1149761	0.35	323	0.8	0.005	18.8	0.049	12.1	0.025	0.6	1.4	0.25	11	0.1	3.2	0.027	0.05	1	29	0.2	60
1149762	0.35	307	0.7	0.004	22.9	0.056	11.8	0.025	0.8	1.8	0.25	12	0.1	4.4	0.034	0.05	1.2	32	0.3	62
1149763	0.44	331	1.5	0.004	40.3	0.057	30.3	0.025	4.1	1.3	0.8	12	0.1	8.7	0.019	0.05	2.4	26	0.1	84
1149764	0.34	291	0.9	0.003	16.9	0.045	15.5	0.025	0.8	1	0.6	8	0.1	2.1	0.018	0.05	1	27	0.05	50
1149765	0.47	410	1	0.006	24.1	0.054	24.8	0.025	1.4	1.3	0.7	14	0.1	9.1	0.014	0.05	1.8	21	0.1	75
1149766	0.39	305	0.9	0.004	21.4	0.053	15.5	0.025	1.4	1.4	0.9	11	0.1	2.9	0.022	0.05	1.2	29	0.1	64
1149767	0.35	273	0.8	0.004	19.1	0.051	11.6	0.025	0.8	1.5	0.7	11	0.1	2.3	0.025	0.05	0.9	31	0.2	59
1149768	0.42	276	0.8	0.006	23.3	0.051	16.8	0.025	1	2.1	0.8	13	0.1	6.9	0.03	0.05	1	32	0.1	74
1149769	0.56	363	0.7	0.004	35.3	0.052	26.8	0.025	4.3	1.6	0.6	11	0.1	12.7	0.005	0.05	1.6	19	0.05	88
1149770	0.28	398	0.9	0.004	17.2	0.037	19.8	0.025	0.7	1.1	0.7	9	0.1	7.5	0.022	0.05	1.2	33	0.2	49
1149771	0.42	355	0.9	0.005	25.5	0.053	19.4	0.025	1.8	1.5	0.7	13	0.1	7.8	0.012	0.05	1.5	23	0.1	67
1149772	0.45	465	1	0.004	20.6	0.045	17.1	0.025	0.9	1.5	0.9	10	0.1	6.8	0.007	0.05	1.4	26	0.1	62
1149773	0.44	419	1.2	0.005	28.3	0.038	25.4	0.025	1.1	1.4	0.7	15	0.1	16.3	0.006	0.05	2	22	0.05	76
1149774	0.5	284	1.4	0.005	28.8	0.038	24.3	0.025	1.5	1.5	0.8	22	0.1	16.9	0.005	0.05	2.5	18	0.05	74
1149775	0.4	275	1	0.005	22.6	0.045	17.1	0.025	1.2	1.7	0.6	13	0.1	4.5	0.012	0.05	1.3	31	0.1	62
1149776	0.44	230	1	0.004	23.5	0.03	16.1	0.025	1	1.7	0.7	9	0.1	4.7	0.015	0.05	1	35	0.05	53
1149777	0.5	366	1	0.005	35.2	0.046	19.8	0.025	1	2.3	0.7	15	0.1	8.5	0.018	0.05	1.4	32	0.1	67
1149778	0.44	552	1.2	0.004	41.7	0.05	37.7	0.025	4.8	2	0.9	15	0.1	13	0.012	0.05	1.6	27	0.05	85
1149779	0.53	443	1	0.005	33.4	0.054	18.4	0.025	1.4	2.5	0.8	16	0.1	8.8	0.017	0.05	1.6	36	0.1	76
1149780	0.69	768	1.2	0.004	33.5	0.061	17.8	0.025	0.7	2.1	0.6	16	0.1	2.3	0.045	0.2	0.7	54	0.2	79
1149781	0.39	612	1.2	0.005	28	0.044	14.4	0.025	0.8	1.6	1.2	12	0.1	1.3	0.021	0.1	1	40	0.2	66
1149782	0.3	398	1	0.006	28.9	0.071	15.8	0.08	1.5	1.9	0.8	16	0.1	2.8	0.02	0.05	0.9	26	0.2	53
1149783	0.28	320	1.8	0.005	13.1	0.055	11.8	0.09	0.8	0.9	1.3	8	0.1	0.2	0.021	0.1	0.8	52	0.1	50
1149784	0.28	315	1.4	0.004	16.7	0.063	51.7	0.06	2.9	1.1	1	10	0.1	0.8	0.022	0.05	0.6	43	0.3	66
1149785	0.32	248	1	0.003	18.6	0.039	15.3	0.025	1.5	1.4	0.9	7	0.1	1.7	0.023	0.05	0.6	32	0.2	53
1149786	0.47	1543	1.5	0.003	123.6	0.154	14.7	0.025	2.8	4.4	1.1	35	0.1	6.9	0.012	0.2	1.4	38	0.1	89
1149787	0.24	989	1	0.002	59.2	0.101	21.4	0.06	2.8	3.7	1	27	0.1	6.9	0.006	0.1	1.6	23	0.2	55
1149789	0.2	519	1.1	0.002	27.6	0.072	15.5	0.025	1.9	1.7	1	15	0.1	2.7	0.009	0.05	1.1	23	0.2	60
1149791	0.39	376	0.7	0.033	16.6	0.061	13.5	0.06	0.7	2.1	0.25	59	0.1	1.7	0.03	0.1	0.7	38	0.3	47
1149792	0.66	393	0.6	0.036	19.3	0.077	12.6	0.07	1.2	3.5	0.9	61	0.1	3	0.051	0.2	1.5	45	0.7	60
1149793	0.41	379	0.7	0.049	22.7	0.089	14	0.07	1.4	2	0.25	63	0.1	3.6	0.032	0.1	0.9	31	0.9	56
1149794	0.37	414	0.8	0.049	27.5	0.108	13.7	0.025	1.5	2.1	0.6	65	0.1	5.3	0.04	0.05	1	39	2	67
1149795	0.82	724	0.5	0.126	25.9	0.113	16.9	0.07	1.2	2.8	0.25	91	0.1	2.9	0.068	0.2	1.2	49	0.4	75
1149796	0.67	399	3.7	0.019	40.7	0.145	34.1	0.08	4.6	2.7	0.8	55	0.1	5	0.057	0.2	3.6	75	0.7	151
1149797	0.3	211	2.1	0.006	11.6	0.035	21.1	0.025	1.2	1.8	0.25	15	0.1	3.7	0.04	0.2	0.8	58	0.3	46

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1149798	409398	7089137	8N	0.7	1.74	42.9	9	0.5	285	0.5	0.36	0.7	9.7	32	89.6	2.52	5	0.06	0.12	21
1149799	409398	7089187	8N	0.2	1.43	24	22	2	170	0.5	0.25	0.5	7.4	32	42.8	2.34	6	0.03	0.07	17
1149800	409397	7089237	8N	0.7	1.79	58.8	15.4	0.5	228	0.9	0.26	0.6	11.1	33	71.7	2.87	6	0.05	0.07	20
1149801	409397	7089287	8N	0.4	1.5	23.6	8.2	0.5	244	0.4	0.33	0.4	9	32	52.9	2.38	5	0.04	0.07	22
1149802	409397	7089337	8N	0.3	1.65	14.3	7	2	228	0.4	0.32	0.4	6.9	31	60.3	2.15	5	0.05	0.09	16
1149803	409396	7089387	8N	0.8	1.85	11.9	5.8	2	260	0.2	0.29	0.7	9.6	42	177.8	2.27	6	0.03	0.17	12
1149804	409396	7089438	8N	0.8	1.59	8.1	12.6	2	206	0.2	0.35	0.7	6.6	37	132.4	1.92	5	0.02	0.16	10
1149805	409394	7089487	8N	1	2.24	8.9	7	4	282	0.2	0.4	0.8	5.6	44	200.6	1.84	7	0.04	0.32	7
1149806	409395	7089538	8N	0.6	1.82	11.2	6	2	253	0.2	0.39	0.4	8.1	37	105.4	2.2	5	0.05	0.13	15
1149807	409393	7089585	8N	0.6	1.9	13.3	8.1	3	239	0.2	0.77	0.7	7	41	80.4	1.96	6	0.02	0.15	13
1149808	409394	7089635	8N	0.6	1.9	11.5	5.5	4	276	0.3	0.84	0.8	7.8	43	70.4	1.88	6	0.06	0.13	12
1149809	409393	7089686	8N	0.5	3.58	29.1	0.8	2	317	0.3	2.11	0.9	8.3	52	71.7	2.83	13	0.03	0.76	15
1149810	409395	7089736	8N	0.8	2.53	9.6	4.6	3	174	0.2	0.85	1.4	6.5	47	118.1	2.26	8	0.02	0.39	11
1149811	409395	7089786	8N	0.8	1.69	21.4	9.8	2	266	0.3	0.91	1.2	8.7	38	83.4	1.89	6	0.05	0.13	13
1149812	409395	7089836	8N	0.5	1.54	11.7	4.8	3	250	0.2	0.82	0.5	7.4	35	53.4	2.09	5	0.06	0.12	13
1149813	409395	7089886	8N	0.8	2.11	18.8	4.1	3	255	0.4	0.52	0.5	8.1	40	48.9	2.22	7	0.05	0.2	17
1149814	409395	7089986	8N	0.6	2.04	22.6	5	2	430	0.4	0.28	0.2	10.5	38	31.9	2.83	7	0.05	0.12	23
1149815	409397	7090036	8N	0.8	2.32	16.2	9.4	0.5	514	0.5	0.13	0.3	6.4	40	31.7	3.88	9	0.07	0.23	14
1149816	409398	7090086	8N	0.4	2.94	16.4	10.3	0.5	418	0.3	0.56	0.9	9.8	55	99.2	2.82	9	0.03	0.22	15
1149817	409397	7090136	8N	0.3	2.16	12.9	2.6	1	588	0.3	0.45	0.2	10.9	35	40.3	3.35	6	0.04	0.25	16
1149818	409398	7090187	8N	0.2	1.53	24	2.8	0.5	558	0.3	0.71	0.5	9.9	36	25.9	2.7	6	0.04	0.24	26
1149819	409397	7090236	8N	0.05	1.95	29.5	1.7	0.5	303	0.5	0.4	0.5	9	31	19.9	2.36	6	0.03	0.15	18
1149820	409399	7090285	8N	0.05	1.17	37.6	20.7	0.5	255	0.9	0.19	0.2	5.2	22	21.1	1.8	4	0.05	0.06	17
1149822	417007	7087893	8N	0.1	1.53	12.6	3.6	2	140	0.2	0.12	0.2	11.1	25	28.6	2.41	3	0.04	0.04	17
1149823	417054	7087883	8N	0.1	1.82	14.3	4.2	2	143	0.2	0.06	0.4	9.2	30	16.6	2.73	5	0.03	0.04	13
1149824	417101	7087892	8N	0.2	1.23	6.7	3.7	0.5	160	0.8	0.04	0.3	12.2	17	54.5	4.27	4	0.005	0.04	39
1149825	417148	7087881	8N	0.1	1.54	8	0.9	2	35	0.8	0.02	0.05	6.1	19	47.1	4.49	5	0.01	0.03	47
1149826	409595	7089287	8N	0.3	1.54	23	4.8	0.5	235	0.3	0.32	0.2	10.2	29	44.7	1.97	5	0.07	0.14	11
1149827	409597	7089335	8N	0.8	2.24	27.3	2.8	0.5	257	0.6	0.3	0.4	8.4	35	68.9	2.15	7	0.05	0.27	9
1149828	409598	7089386	8N	1.1	1.7	102.3	2.6	1	206	1.4	0.42	0.4	11.2	24	72.1	2.08	5	0.08	0.14	31
1149829	409597	7089435	8N	0.5	1.68	20.6	5.8	1	233	0.4	0.26	0.2	6.4	30	42.4	1.93	5	0.05	0.23	13
1149830	409597	7089486	8N	0.5	1.82	17.5	5.4	1	216	0.4	0.21	0.3	5.8	36	54.3	2.03	6	0.06	0.21	12
1149831	409598	7089536	8N	0.5	1.66	17.8	1.4	0.5	182	0.3	0.21	0.2	5.5	31	38.3	1.72	6	0.03	0.19	10
1149832	409598	7089585	8N	0.6	1.54	10.7	3.1	0.5	180	0.2	0.18	0.2	5.6	28	32	1.52	5	0.05	0.16	9
1149833	409598	7089636	8N	0.7	1.74	9.7	4.4	0.5	217	0.1	0.26	0.8	7.7	29	56.8	1.96	5	0.06	0.27	10
1149834	409597	7089686	8N	0.6	1.63	8.4	5.3	0.5	224	0.2	0.47	1	10	28	44.5	1.64	5	0.06	0.16	11
1149835	409598	7089734	8N	1	2.33	14	4.7	0.5	191	0.2	0.31	0.9	13	34	72.5	2.32	7	0.04	0.23	11
1149836	409597	7089787	8N	0.6	1.39	719.9	223.3	0.5	191	5.1	0.5	0.5	7.6	21	66.4	2.18	4	0.03	0.05	19
1149837	409598	7089837	8N	0.2	1.43	33.1	4.1	1	176	0.3	0.43	0.2	7.8	26	20.7	1.82	5	0.05	0.04	10
1149838	409597	7089886	8N	0.4	1.61	40.2	4.1	1	144	0.4	0.18	0.4	6.9	31	76.3	2.09	7	0.04	0.06	9
1149839	409598	7089936	8N	0.3	2.13	17.7	5.1	0.5	245	0.3	0.42	0.3	9.1	43	67.3	2.39	7	0.02	0.09	15
1149841	409600	7089986	8N	0.4	2.14	21.6	5.6	1	321	0.4	0.59	0.6	9.3	44	52.8	2.46	7	0.04	0.16	15
1149842	409599	7090035	8N	0.05	1.92	54.6	3.5	1	249	0.8	0.23	0.1	10.3	31	25.2	2.59	5	0.02	0.07	19
1149844	409598	7090085	8N	0.05	1.31	60.6	4.6	0.5	270	0.7	0.26	0.3	9.1	26	30	2.37	4	0.03	0.07	20
1149845	409597	7090137	8N	0.05	1.19	34.9	4.2	0.5	140	0.5	0.18	0.05	7.3	21	22.6	1.8	3	0.04	0.04	15
1149846	409599	7090186	8N	0.05	1.57	86.1	9.2	0.5	200	1	0.19	0.1	8.5	27	25.1	2.2	5	0.04	0.06	18

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1149798	0.65	379	2.2	0.012	29.5	0.114	31.2	0.025	3	3	0.9	39	0.1	5	0.062	0.3	3	70	0.6	123
1149799	0.51	304	2.2	0.007	24.4	0.09	17.8	0.025	2.3	2	0.25	28	0.1	2.6	0.05	0.2	1.6	75	0.8	78
1149800	0.58	618	2.4	0.011	28	0.099	22.8	0.025	2.4	2.4	1.3	32	0.1	2.1	0.039	0.2	4.2	63	0.6	118
1149801	0.56	386	2.5	0.01	28.4	0.119	15.1	0.025	2.3	2.6	0.25	32	0.1	4.1	0.047	0.2	3.3	61	0.8	97
1149802	0.71	213	2	0.011	27.4	0.103	16.3	0.025	2.2	2.3	0.25	43	0.1	1.9	0.052	0.2	2.6	75	0.3	107
1149803	0.86	334	1.9	0.016	38.9	0.094	18.3	0.025	3	3	1.6	46	0.1	2.6	0.056	0.3	2.4	82	0.2	129
1149804	0.93	205	2	0.017	38.1	0.088	20.5	0.025	3.3	2.2	1.5	51	0.1	1.9	0.062	0.3	2.4	88	0.1	140
1149805	1.74	168	3.1	0.022	54.9	0.08	17.3	0.025	3.5	2.5	2.5	76	0.1	3.4	0.086	0.3	3.2	120	0.1	196
1149806	0.9	252	2.3	0.01	35.1	0.125	12.2	0.025	2	3	0.9	38	0.1	4.9	0.063	0.2	2.4	91	0.3	122
1149807	1.23	229	3.5	0.018	34	0.257	31.2	0.025	3.3	2.8	1	72	0.1	3	0.062	0.3	2.9	118	0.3	144
1149808	1.2	336	3.3	0.018	30.3	0.199	14.3	0.025	2.6	3.3	1.9	58	0.1	3.2	0.064	0.3	4.2	119	0.3	119
1149809	3.29	445	1.9	0.012	26.5	0.1	34	0.025	3.8	6.2	0.7	91	0.1	8.6	0.107	0.6	1.1	134	0.1	178
1149810	1.56	172	10.7	0.009	43.4	0.109	15.4	0.025	10.8	4.1	1.2	94	0.1	6.5	0.077	0.4	1.5	172	0.2	216
1149811	1.09	206	3.8	0.008	31.5	0.131	23.4	0.05	4.2	3.4	3.9	40	0.1	3.1	0.056	0.3	2.5	118	0.2	145
1149812	0.97	322	2.3	0.009	24.1	0.139	14.4	0.07	3.2	3.4	1.4	53	0.1	3.3	0.049	0.2	2.1	92	0.2	109
1149813	1.07	260	2	0.015	22.3	0.136	26.5	0.06	1.9	3.2	0.9	58	0.1	4.5	0.063	0.3	3.8	90	0.2	128
1149814	0.71	260	1.2	0.01	25.2	0.079	18.8	0.025	2.6	3.6	0.25	35	0.1	2.8	0.053	0.4	1.6	60	0.2	82
1149815	0.85	272	2.4	0.013	18.1	0.088	14.5	0.13	3.9	3.4	0.8	42	0.1	2.7	0.082	0.5	0.6	88	0.2	59
1149816	1.69	362	2.8	0.016	44.3	0.183	14.1	0.025	2.1	4.4	0.25	56	0.1	5.9	0.091	0.4	2.7	136	0.2	151
1149817	0.82	284	1	0.018	30.1	0.08	13.9	0.11	2.5	4.3	0.25	68	0.1	4.8	0.074	0.2	1.3	58	0.2	84
1149818	0.8	535	0.6	0.016	26.2	0.091	14.9	0.025	2.1	4.8	0.25	40	0.1	6.4	0.058	0.2	0.8	44	0.4	74
1149819	0.74	790	0.7	0.018	21.2	0.082	19.3	0.025	2.7	3.4	0.25	39	0.1	4.5	0.066	0.2	0.9	41	0.5	95
1149820	0.33	198	0.7	0.006	14.7	0.056	10.3	0.025	2.3	1.5	0.6	19	0.1	0.9	0.029	0.2	1.3	35	0.4	42
1149822	0.47	339	0.8	0.007	21.6	0.064	18.7	0.025	0.6	2.5	0.25	14	0.1	4.1	0.029	0.05	2.4	39	0.2	71
1149823	0.44	238	1.3	0.005	22	0.032	18.8	0.025	0.6	2.2	0.25	9	0.1	5	0.037	0.05	0.7	54	0.2	68
1149824	0.58	223	2.4	0.007	26.7	0.06	58.6	0.025	1.2	1.6	0.25	32	0.1	22.7	0.015	0.05	5.5	17	0.05	94
1149825	0.71	210	1.2	0.007	10.3	0.073	52.1	0.025	0.7	0.8	0.25	50	0.1	23	0.004	0.05	2.3	13	0.05	75
1149826	0.65	356	2.4	0.01	22.3	0.123	14.8	0.025	2.2	2.4	0.9	33	0.1	3.2	0.046	0.3	2.3	61	0.4	74
1149827	0.88	252	2.6	0.012	25.6	0.129	15	0.08	3	1.8	0.9	57	0.1	1.3	0.045	0.5	2.9	79	0.2	96
1149828	0.65	337	3	0.013	23.9	0.083	17.6	0.09	2.6	1.8	1.5	54	0.1	2	0.034	0.3	7.1	51	0.3	91
1149829	0.75	148	2	0.012	21.8	0.099	9.4	0.1	2.3	2.3	0.8	41	0.1	2.3	0.056	0.3	2.8	63	0.3	77
1149830	0.8	124	1.7	0.014	24.7	0.109	10.6	0.08	1.9	1.8	1.3	38	0.1	1.1	0.05	0.3	2.9	69	0.2	76
1149831	0.78	137	1.3	0.01	20.6	0.123	9.8	0.025	1.6	1.6	0.25	36	0.1	1.1	0.044	0.3	2.3	55	0.2	71
1149832	0.65	149	1.3	0.008	15.8	0.093	9.6	0.025	1.3	1.3	0.9	30	0.1	0.9	0.034	0.3	2.2	46	0.2	61
1149833	0.83	192	2.4	0.017	22.5	0.109	12.8	0.07	1.8	1.6	1.2	54	0.1	1.1	0.038	0.2	2.8	69	0.2	114
1149834	0.75	329	1.2	0.021	21.9	0.088	10	0.025	1.2	1.7	0.9	55	0.1	0.9	0.038	0.3	2.7	58	0.2	104
1149835	1.28	267	4	0.016	36.6	0.12	16.1	0.025	3.3	2.7	1.8	59	0.1	2.7	0.052	0.3	5	109	0.2	198
1149836	0.37	379	0.9	0.024	16.8	0.078	20.6	0.025	35.8	2.3	0.25	40	0.1	3.4	0.021	0.2	3	29	1.8	71
1149837	0.52	286	1.3	0.008	16.8	0.073	8.5	0.08	1.7	1.7	0.7	29	0.1	1.1	0.024	0.1	1.2	39	0.3	75
1149838	0.41	184	2.9	0.005	23.5	0.117	20.6	0.05	3.9	0.5	1.5	25	0.1	0.1	0.012	0.2	1.4	63	0.2	106
1149839	0.95	369	2	0.008	31.8	0.093	18	0.025	3	3.5	1	45	0.1	3.6	0.058	0.3	1.6	74	0.2	121
1149841	1.08	295	2.6	0.015	33.8	0.138	21	0.025	3.6	3.8	1.1	56	0.1	5.1	0.076	0.3	2.3	92	0.2	128
1149842	0.56	378	1	0.006	23.2	0.065	10.2	0.025	3.5	3.2	0.25	23	0.1	4.9	0.058	0.2	1.4	47	0.5	65
1149844	0.45	327	0.8	0.006	24	0.067	9.9	0.025	4.6	3	0.25	23	0.1	5	0.052	0.2	1.2	43	0.6	64
1149845	0.38	189	0.5	0.003	17.3	0.061	7.9	0.025	3.2	2.2	0.25	15	0.1	3.5	0.036	0.1	1.2	32	0.3	49
1149846	0.44	283	0.9	0.004	18.3	0.053	9	0.025	6.8	2.9	0.25	17	0.1	4.2	0.053	0.2	1.5	42	0.7	57

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1149847	409599	7090237	8N	0.05	1.47	63.7	5.3	1	267	0.7	0.19	0.3	9.2	27	28.4	2.64	4	0.04	0.06	20
1149848	409598	7090288	8N	0.05	1.33	76.3	7.7	0.5	168	1.1	0.19	0.05	7.8	25	28.6	2.07	4	0.03	0.08	19
1149849	409596	7089236	8N	0.6	1.91	44.1	3.8	1	371	1	0.42	0.3	12.9	35	69.9	3.12	7	0.04	0.24	24
1149850	409596	7089137	8N	0.1	0.79	22.7	7.9	0.5	52	0.4	0.05	0.1	2.9	13	13.5	1.76	6	0.06	0.02	6
1149851	416039	7084681	8N	0.05	1.3	9	1.6	0.5	99	0.2	0.06	0.05	7	24	23.2	2.48	5	0.04	0.04	12
1149852	416065	7084723	8N	0.05	1.77	7.5	2	0.5	127	0.2	0.11	0.05	20.3	40	72	3.48	5	0.03	0.15	10
1149853	416110	7084747	8N	0.05	1.3	12.1	3.9	1	85	0.2	0.08	0.1	8.6	22	13.7	2.22	3	0.04	0.04	13
1149854	416145	7084778	8N	0.05	1.26	10.4	11.4	1	77	0.2	0.08	0.2	7.7	20	13.8	2.39	5	0.04	0.05	15
1149855	416187	7084800	8N	0.1	2.46	4.1	4	0.5	521	0.1	1.21	0.2	29.4	284	71.1	4.69	10	0.02	0.94	24
1149856	416214	7084838	8N	0.05	2.9	17.6	3	1	683	0.05	0.7	0.2	38.5	136	50.2	6.87	12	0.04	1.22	47
1149857	416256	7084857	8N	0.05	1.12	13.3	1.1	0.5	159	2.7	0.14	0.4	12.1	37	28.7	4.09	6	0.03	0.27	63
1149858	416299	7084871	8N	0.05	1.31	3.8	1	0.5	398	0.5	0.18	0.2	14.1	26	49.4	4.01	4	0.02	0.26	78
1149859	416346	7084884	8N	0.2	1.53	12.9	2.4	1	199	0.7	0.43	0.2	15.8	34	17.9	4.39	6	0.05	0.17	30
1149860	416380	7084915	8N	0.05	1.3	12.9	11.2	1	202	0.3	0.13	0.2	16.3	23	32.1	3.88	4	0.03	0.06	23
1149861	416423	7084930	8N	0.1	2.06	13	2.4	1	407	0.2	0.58	0.2	31.8	95	48.9	7.32	7	0.05	0.47	16
1149862	416464	7084957	8N	0.05	0.98	9.9	4	0.5	59	0.2	0.05	0.05	5.7	22	11.7	2.57	4	0.04	0.04	12
1149863	416506	7084982	8N	0.1	1.07	12	1.7	1	243	0.3	0.27	0.2	13.3	54	24.2	3.8	3	0.02	0.22	28
1149864	416551	7085001	8N	0.05	1.55	11.6	0.6	1	93	0.1	0.09	0.2	9.5	22	12.7	2.61	4	0.04	0.04	12
1149865	416556	7085048	8N	0.05	0.93	7.9	0.25	2	235	0.2	1.02	0.3	8	16	10.7	4.59	3	0.05	0.04	11
1149866	416585	7085086	8N	0.05	1.37	12.7	0.25	0.5	74	0.2	0.06	0.2	8.9	22	13.4	2.87	4	0.04	0.04	14
1149867	416605	7085131	8N	0.05	1.3	14.3	4.2	0.5	139	0.3	0.15	0.1	15.2	62	36.6	4.5	5	0.03	0.07	20
1149868	416617	7085174	8N	0.05	1.43	14.3	27.3	0.5	138	0.2	0.19	0.2	12.6	27	17.5	3.36	4	0.02	0.04	18
1149869	416641	7085219	8N	0.05	1.35	12.1	0.25	1	99	0.2	0.07	0.05	9.3	23	14.6	2.68	4	0.04	0.04	14
1149870	416647	7085266	8N	0.05	1.31	14.6	0.25	1	99	0.2	0.08	0.3	13.3	22	24.7	3.8	3	0.04	0.07	22
1149871	416666	7085305	8N	0.05	0.65	5.3	4.1	1	73	0.2	0.04	0.1	10.7	15	27.5	3.63	3	0.04	0.1	18
1149872	416658	7085351	8N	0.2	0.94	16.6	6.1	0.5	100	0.3	0.05	0.7	16.5	14	35.7	3.37	3	0.02	0.08	28
1149873	416681	7085390	8N	0.05	1.38	4.3	0.25	0.5	67	0.3	0.04	0.05	20.6	13	32.9	3.76	4	0.01	0.04	52
1149874	416695	7085437	8N	0.05	1.04	9.8	0.25	0.5	55	0.1	0.1	0.1	10.4	17	16.6	2.21	3	0.03	0.04	15
1149875	416727	7085479	8N	0.05	0.85	8.1	0.25	0.5	64	0.2	0.04	0.05	3.3	15	8.2	1.95	5	0.04	0.02	9
1149876	417473	7083007	8N	0.2	1.09	35.6	3.7	0.5	92	0.2	0.1	0.2	10.6	19	18.4	2.34	3	0.03	0.03	14
1149877	417495	7083052	8N	0.1	1.32	57.7	14.6	0.5	82	0.2	0.08	0.2	8.5	20	26.1	2.38	3	0.05	0.03	14
1149878	417498	7083101	8N	0.1	1.2	29.2	2.4	0.5	104	0.2	0.14	0.2	10.4	20	23.8	2.23	3	0.04	0.03	15
1149879	417506	7083148	8N	0.3	1.07	29.6	7.6	1	76	0.2	0.13	0.2	8.2	18	25.3	2.17	3	0.04	0.04	18
1149880	417500	7083196	8N	0.05	1.4	13.7	6.3	0.5	88	0.4	0.07	0.1	14.6	16	40.6	3.16	3	0.02	0.04	40
1149881	417500	7083244	8N	0.05	1.77	15.5	3.9	1	156	0.2	0.1	0.2	11	25	27.9	2.57	4	0.05	0.04	17
1149882	417525	7083290	8N	0.05	0.84	10.1	2.7	1	63	0.3	0.12	0.2	7.5	15	24.8	1.9	2	0.02	0.03	16
1149883	417550	7083336	8N	0.05	1.06	11	5.1	0.5	73	0.2	0.11	0.05	6	18	21.2	2	3	0.04	0.03	16
1149884	417569	7083381	8N	0.05	0.95	9.1	1.4	0.5	71	0.2	0.07	0.05	5.2	16	13.8	1.66	3	0.03	0.02	12
1149885	417588	7083425	8N	0.05	1.07	11.8	2.8	0.5	108	0.2	0.11	0.1	8.1	18	20.6	2.09	3	0.03	0.03	15
1149886	417199	7087882	8N	0.05	1.44	17.7	1	0.5	89	0.3	0.03	0.2	9.2	18	26.5	2.72	3	0.01	0.04	32
1149887	417245	7087888	8N	0.05	1.22	4.9	1.1	0.5	56	0.6	0.03	0.05	5.4	17	23.5	2.8	3	0.005	0.04	38
1149888	417291	7087893	8N	0.05	1.39	29.5	1.3	0.5	128	0.3	0.08	0.2	12.9	33	25.2	3.38	4	0.02	0.05	26
1149889	417341	7087892	8N	0.05	1.38	7.2	0.8	0.5	84	0.5	0.04	0.05	8.8	19	38	3.34	4	0.02	0.04	44
1149890	417381	7087912	8N	0.05	1.38	5.9	2	0.5	122	0.7	0.06	0.1	12.9	16	76	4.56	4	0.01	0.03	54
1149891	417426	7087930	8N	0.4	1.24	11	1.9	0.5	129	0.4	0.1	0.4	48.6	17	50.6	3.9	3	0.02	0.04	36
1149892	417466	7087960	8N	0.05	1.1	9.8	2.4	0.5	134	0.2	0.12	0.2	8.5	20	24.5	2.08	3	0.05	0.04	19

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1149847	0.39	373	1	0.004	20.4	0.056	12.8	0.025	5.2	3.4	0.25	18	0.1	3.5	0.02	0.2	1.6	44	0.4	64
1149848	0.42	228	0.8	0.005	16.9	0.066	8.1	0.025	6.6	2.3	0.25	16	0.1	4.3	0.056	0.2	1.8	39	0.9	54
1149849	0.9	445	2.4	0.016	25.3	0.127	47.8	0.025	2.4	2.6	1.2	56	0.1	4.1	0.094	0.5	3.1	83	0.4	113
1149850	0.16	101	2.3	0.004	8.4	0.026	11.3	0.025	1.2	0.8	0.25	6	0.1	0.8	0.035	0.1	0.4	58	0.4	31
1149851	0.3	237	0.7	0.003	16.1	0.044	11	0.025	0.5	1.3	0.25	6	0.1	0.3	0.02	0.1	0.6	49	0.1	36
1149852	0.84	603	0.7	0.004	41.5	0.031	10.6	0.025	0.6	2.7	0.25	8	0.1	3	0.067	0.2	0.6	58	0.2	59
1149853	0.36	336	0.8	0.004	17.1	0.03	13.1	0.025	0.8	2.3	0.25	8	0.1	4.4	0.03	0.1	0.6	33	0.2	48
1149854	0.31	311	1.1	0.004	16.4	0.033	12.5	0.025	0.7	2.1	0.25	8	0.1	5	0.036	0.1	0.6	46	0.2	44
1149855	2.8	1328	1.8	0.006	100.5	0.136	11.2	0.025	0.3	15.5	0.25	123	0.1	10.1	0.202	0.3	0.6	148	0.05	70
1149856	2.29	1968	3.8	0.009	88.2	0.157	13.9	0.025	0.4	16.2	0.25	113	0.1	19.3	0.268	0.9	0.7	168	0.2	107
1149857	0.45	1508	20.4	0.006	22.4	0.073	189.1	0.025	0.5	5	0.25	42	0.3	36.5	0.071	0.3	1.1	59	0.2	221
1149858	0.69	2102	21.5	0.007	65.2	0.038	19.2	0.025	0.5	5.4	0.25	27	0.1	4.9	0.062	0.2	1.3	33	0.4	106
1149859	0.78	1696	3.9	0.007	29.3	0.07	38.8	0.025	0.4	5.2	0.25	100	0.1	8.5	0.129	0.3	1.9	52	0.2	99
1149860	0.41	1287	3.9	0.009	29.7	0.042	17.5	0.025	2.1	3.9	0.25	21	0.1	6.4	0.029	0.1	0.8	42	0.2	62
1149861	1.36	1315	1.7	0.005	84.5	0.166	15.9	0.025	0.8	8.7	1.1	87	0.1	6.2	0.162	0.4	0.8	90	0.05	112
1149862	0.25	219	0.9	0.003	12.8	0.027	12.2	0.025	0.6	1.5	0.25	6	0.1	2.2	0.029	0.1	0.6	43	0.2	41
1149863	0.49	1671	0.9	0.006	39.7	0.086	64.2	0.025	1.1	4.2	0.6	46	0.1	7.6	0.068	0.3	1.2	40	0.1	149
1149864	0.36	296	0.8	0.004	16.4	0.039	11.4	0.05	0.8	2.3	1.4	8	0.1	4.6	0.028	0.05	0.6	35	0.2	52
1149865	0.42	1897	1	0.005	15.3	0.068	14.4	0.1	1	2.1	0.8	67	0.1	1.7	0.014	0.05	0.6	33	0.3	66
1149866	0.34	343	0.8	0.003	17.9	0.046	12.3	0.025	0.7	1.1	0.9	8	0.1	0.8	0.022	0.05	0.6	39	0.2	61
1149867	0.46	878	1.2	0.004	39.8	0.064	16.1	0.025	1.7	3.6	0.9	17	0.1	3.1	0.034	0.2	0.8	54	0.2	73
1149868	0.42	546	0.9	0.004	22.9	0.068	13.1	0.06	0.5	1.3	0.25	24	0.1	0.8	0.01	0.1	1	41	0.3	75
1149869	0.37	353	1	0.004	17.7	0.038	14.7	0.025	0.8	1.5	1	8	0.1	1	0.022	0.05	0.8	39	0.3	55
1149870	0.35	642	1.3	0.003	28.4	0.047	37.4	0.06	1.5	1.8	0.9	11	0.1	3.7	0.015	0.2	0.7	31	0.1	79
1149871	0.12	645	2.2	0.011	17.4	0.09	17.5	0.14	1	0.5	0.5	29	0.1	0.3	0.007	0.1	0.8	25	0.05	62
1149872	0.2	1126	1.2	0.004	24	0.048	100.3	0.06	3.9	1.6	0.5	21	0.1	2.7	0.011	0.1	1.3	24	0.05	119
1149873	0.56	447	0.7	0.002	40.5	0.045	25.2	0.025	1	0.9	0.25	7	0.1	13.3	0.005	0.05	2.1	12	0.05	88
1149874	0.33	309	0.8	0.004	19.2	0.046	10.6	0.025	0.7	1.2	0.25	8	0.1	2.4	0.027	0.05	0.7	30	0.2	61
1149875	0.14	182	1	0.003	7.1	0.04	12.4	0.025	0.6	0.5	0.8	5	0.1	0.2	0.015	0.1	0.5	44	0.2	28
1149876	0.32	368	0.7	0.004	18.9	0.049	14.9	0.025	1.3	1.5	0.6	10	0.1	2.6	0.021	0.05	0.7	31	0.2	56
1149877	0.32	257	0.9	0.004	18.1	0.044	20.3	0.025	1.6	2.3	0.25	10	0.1	4.6	0.031	0.1	1.2	32	0.2	63
1149878	0.39	402	0.6	0.006	21.1	0.068	12.3	0.025	0.9	2.3	0.25	15	0.1	3.6	0.028	0.1	1.2	33	0.2	73
1149879	0.32	274	0.9	0.005	19.6	0.072	16.1	0.025	1.3	2.2	0.25	15	0.1	3.5	0.029	0.05	1.2	31	0.3	66
1149880	0.4	350	1.4	0.006	31.3	0.059	26.3	0.025	2.2	1.7	0.25	24	0.1	14.1	0.013	0.05	1.8	19	0.05	87
1149881	0.45	405	1.2	0.007	19.9	0.069	14.3	0.025	0.9	2.8	0.25	13	0.1	4.7	0.029	0.1	1.3	40	0.3	73
1149882	0.3	247	0.6	0.004	17.5	0.063	14.7	0.025	0.7	1.6	0.25	12	0.1	5.1	0.026	0.05	0.9	23	0.2	54
1149883	0.33	202	0.6	0.005	16.5	0.06	10.2	0.025	0.6	1.7	0.25	12	0.1	1.6	0.024	0.05	1.1	28	0.2	57
1149884	0.25	197	0.7	0.004	10.7	0.048	9.7	0.025	0.5	0.8	0.25	9	0.1	0.4	0.013	0.05	0.8	27	0.2	39
1149885	0.32	266	0.7	0.005	17.9	0.056	11.4	0.025	0.7	1.5	0.25	12	0.1	1.8	0.024	0.05	0.9	29	0.2	58
1149886	0.5	168	1	0.005	22.3	0.035	30.5	0.025	0.4	0.9	0.25	20	0.1	17.7	0.008	0.05	1.5	19	0.05	76
1149887	0.54	213	1.1	0.008	8.9	0.043	33.8	0.025	0.5	0.9	0.25	28	0.1	20.3	0.005	0.05	1.4	15	0.05	61
1149888	0.4	254	1.4	0.005	41.3	0.064	25.3	0.025	0.8	1.6	0.25	18	0.1	9	0.015	0.05	2.2	34	0.1	73
1149889	0.56	191	1	0.006	18.3	0.036	36.2	0.025	0.5	2.4	0.25	25	0.1	19.2	0.013	0.05	2.5	22	0.05	66
1149890	0.6	207	2.6	0.005	30.5	0.061	44	0.025	0.7	1.4	0.25	29	0.1	26.7	0.009	0.05	4.7	14	0.05	85
1149891	0.48	428	1.9	0.006	63.7	0.058	41.9	0.025	0.9	1.6	0.25	29	0.1	17.6	0.022	0.05	4.5	20	0.05	97
1149892	0.38	200	0.7	0.006	19.4	0.059	15.2	0.025	0.5	1.3	0.25	15	0.1	1	0.019	0.05	1.5	30	0.2	52

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1149893	417508	7087987	8N	0.1	1.08	9.3	3	1	251	0.2	0.17	0.3	8.5	23	26.8	2.3	3	0.05	0.04	22
1149894	417548	7088017	8N	0.05	1.08	10.8	1.4	1	191	0.2	0.11	0.2	10	21	23.4	2.39	3	0.02	0.04	21
1149895	417590	7088043	8N	0.05	1.3	9.5	2.9	1	239	0.2	0.19	0.2	8.9	22	25.6	2.45	4	0.02	0.04	22
1149896	417631	7088070	8N	0.1	1.36	9.9	3.4	0.5	265	0.2	0.17	0.1	8.8	23	25.9	2.49	4	0.03	0.04	22
1149897	417679	7088070	8N	0.1	1.43	8.9	1.7	0.5	270	0.2	0.17	0.05	8.2	25	26.2	2.48	4	0.06	0.04	23
1149898	417726	7088077	8N	0.05	1.22	8.1	2.8	0.5	256	0.2	0.2	0.1	7.4	21	22.6	2.14	3	0.03	0.04	20
1149899	417774	7088080	8N	0.05	0.92	8.4	2.5	1	204	0.1	0.19	0.05	7.2	18	21.2	1.82	3	0.03	0.04	16
1149900	417821	7088080	8N	0.1	1.07	10.8	2.3	0.5	268	0.2	0.22	0.2	8.3	24	26.7	2.24	3	0.05	0.04	18
1149902	413369	7086319	8N	0.05	1.03	9.8	1.3	1	99	0.2	0.1	0.05	10.5	26	19.5	2.13	3	0.02	0.07	22
1149903	413408	7086296	8N	0.05	1.27	20.3	0.9	0.5	94	0.3	0.13	0.2	16.8	37	27.5	2.57	4	0.03	0.09	23
1149905	412576	7078388	8N	0.05	1.19	10.8	1.2	0.5	73	0.3	0.06	0.2	12.4	20	34.9	3.33	4	0.03	0.03	34
1149906	412561	7078435	8N	0.05	1.07	12.5	1.6	0.5	71	0.2	0.06	0.2	9.2	16	17.9	2.27	3	0.03	0.03	16
1149907	412552	7078485	8N	0.05	1.1	9.7	1	0.5	61	0.2	0.06	0.1	7.6	18	21	2.34	4	0.05	0.03	20
1149908	412533	7078531	8N	0.05	1.26	10.7	12.1	0.5	72	0.2	0.08	0.2	9	20	22.4	2.4	3	0.04	0.03	22
1149909	412518	7078580	8N	0.05	1.03	10.1	9.9	0.5	63	0.2	0.09	0.2	7.9	19	20.1	2.19	3	0.02	0.03	19
1149910	412541	7078625	8N	0.05	1.24	9.6	0.9	1	75	0.3	0.08	0.1	11.8	22	30.9	2.94	4	0.02	0.03	31
1149911	412566	7078669	8N	0.1	1.03	12.4	3.5	0.5	90	0.3	0.11	0.1	17.2	18	41.6	3.26	3	0.02	0.03	51
1149912	412927	7086605	8N	0.05	2.19	10	1.4	0.5	133	0.4	0.14	0.2	23.9	31	45.6	3.15	6	0.02	0.55	33
1149913	412921	7086655	8N	0.1	1.74	5.9	0.6	0.5	92	0.4	0.16	0.3	26.9	23	41.9	3.25	5	0.005	0.36	69
1149914	410345	7082104	8N	0.05	1.12	10.1	16.6	2	134	0.2	0.23	0.05	10.8	23	24	2.58	3	0.02	0.06	22
1149915	410293	7082100	8N	0.2	1.19	6.4	13	0.5	116	0.2	0.23	0.05	5.9	19	15.1	2.15	4	0.06	0.04	20
1149916	410245	7082093	8N	0.05	1.08	8.3	11.5	1	65	0.2	0.09	0.1	9.2	21	15	2.27	4	0.03	0.05	20
1149917	410193	7082090	8N	0.05	1.12	8.6	13.1	0.5	62	0.5	0.05	0.1	15.3	22	51.4	4.66	4	0.01	0.05	49
1149918	410145	7082076	8N	0.05	1.77	11.6	12.8	0.5	454	0.2	0.28	0.2	20.2	49	39.1	3.48	5	0.005	0.14	38
1149919	410096	7082070	8N	0.05	1.28	11	4.2	0.5	128	0.3	0.13	0.2	10.5	23	26.4	2.57	3	0.03	0.06	18
1149920	410047	7082061	8N	0.05	1.1	11.1	2.5	1	106	0.3	0.15	0.3	9.4	21	20.5	2.68	3	0.02	0.05	22
1149921	409996	7082055	8N	0.05	1.26	12.5	4.2	2	119	0.4	0.13	0.3	11.3	21	26.8	2.77	3	0.03	0.05	18
1149922	409948	7082038	8N	0.2	1.06	10	5.9	2	117	0.6	0.13	0.5	23	16	37.5	3.33	3	0.04	0.05	34
1149923	409898	7082037	8N	0.05	1.36	11.7	4.9	1	150	0.2	0.12	0.05	10.7	23	22.2	2.56	4	0.03	0.04	17
1149925	409847	7082023	8N	0.05	1.45	10.7	6.9	0.5	71	0.5	0.08	0.3	11.1	24	41	4.08	5	0.02	0.05	41
1149926	409801	7082004	8N	0.2	1.4	10.2	0.6	1	141	0.3	0.19	0.05	14.7	21	19.4	2.89	4	0.05	0.04	23
1149927	409754	7081983	8N	0.05	1.23	10.9	11.8	0.5	87	0.2	0.11	0.2	13.4	23	24.5	2.68	4	0.02	0.05	25
1149928	409661	7081942	8N	0.2	1.32	11.7	2	1	114	0.3	0.16	0.2	17.1	28	22.1	3.04	4	0.03	0.05	27
1149929	409574	7081889	8N	0.1	1.25	9.9	12.1	0.5	94	0.3	0.15	0.05	12.3	21	32.5	3.25	4	0.02	0.04	33
1149930	409483	7081851	8N	0.1	1.16	16.9	3.4	0.5	137	0.3	0.08	0.05	46.8	16	31.7	4	3	0.04	0.04	31
1149931	409432	7081852	8N	0.1	1.26	13.5	2.6	1	90	0.4	0.09	0.4	10.2	19	20.2	3.58	4	0.02	0.05	31
1149932	412745	7079107	8N	0.05	1.33	17.5	2.4	1	110	0.2	0.07	0.2	10	26	25.6	2.82	4	0.04	0.03	16
1149933	412781	7079142	8N	0.05	1.35	17.4	5.9	1	84	0.2	0.08	0.2	10.1	24	25.6	2.65	4	0.03	0.03	20
1149934	412814	7079180	8N	0.1	1.29	15.6	4.7	1	107	0.3	0.06	0.2	16.1	20	27.6	2.89	4	0.04	0.03	23
1149935	412841	7079222	8N	0.1	1.13	13.1	8.7	0.5	82	0.2	0.1	0.2	7.1	20	19.8	2.24	3	0.03	0.03	17
1149936	412874	7079259	8N	0.05	1.19	13.5	19.6	1	80	0.2	0.13	0.3	9.8	22	27.2	2.37	3	0.02	0.03	20
1149937	412905	7079300	8N	0.05	1.24	10.3	6.2	2	86	0.2	0.13	0.2	8.9	23	25.2	2.12	3	0.03	0.03	21
1149938	412928	7079346	8N	0.1	1.18	11.1	2.3	1	99	0.2	0.08	0.2	6.9	21	21	2.02	3	0.05	0.03	15
1149939	412964	7079380	8N	0.05	1.22	10.4	4	0.5	98	0.2	0.1	0.2	6.3	22	20.2	2.03	3	0.04	0.03	18
1149940	412994	7079420	8N	0.05	1.17	12.2	4.3	0.5	75	0.2	0.15	0.1	7.6	22	16.1	2.19	3	0.04	0.03	20
1149941	413033	7079452	8N	0.05	1	12	1.5	1	113	0.2	0.22	0.5	10.3	24	32	2.45	3	0.04	0.04	27

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1149893	0.42	313	0.9	0.006	21.7	0.061	13.6	0.025	0.6	2.2	0.25	19	0.1	4.4	0.036	0.05	1.2	35	0.2	64
1149894	0.36	385	1.1	0.005	21.5	0.038	14.5	0.025	0.6	2.1	0.25	13	0.1	4	0.023	0.05	1	35	0.2	64
1149895	0.44	277	1	0.006	21.5	0.046	14.5	0.025	0.6	2.6	0.7	20	0.1	5.2	0.027	0.05	1.1	35	0.2	67
1149896	0.43	244	1.2	0.006	21.5	0.049	15.5	0.025	0.5	2.6	0.25	19	0.1	4.2	0.022	0.05	1.1	37	0.1	70
1149897	0.47	246	1.3	0.007	22.2	0.043	13.1	0.025	0.5	2.9	0.25	20	0.1	4.4	0.031	0.05	1	40	0.1	68
1149898	0.4	236	0.9	0.007	19.7	0.048	10.7	0.025	0.5	2.7	0.25	19	0.1	4.3	0.03	0.05	0.6	36	0.2	58
1149899	0.31	206	0.8	0.005	16.4	0.06	8.5	0.025	0.5	2.4	0.5	15	0.1	2.6	0.029	0.05	0.5	31	0.3	50
1149900	0.44	275	1.1	0.009	21.9	0.071	10.6	0.025	0.7	2.4	0.25	22	0.1	3.4	0.036	0.05	0.7	40	0.2	66
1149902	0.38	400	0.6	0.004	21.4	0.031	20.5	0.025	1.2	1.4	0.25	11	0.1	2.6	0.024	0.05	0.8	33	0.2	56
1149903	0.58	660	1	0.004	34.5	0.064	23.6	0.025	1.2	2.3	0.25	20	0.1	3.8	0.035	0.1	1	42	0.2	73
1149905	0.41	311	1	0.005	24.5	0.05	25	0.025	2.6	1.2	0.25	12	0.1	5.7	0.016	0.05	1.8	28	0.2	75
1149906	0.27	319	0.8	0.004	22.2	0.034	15.6	0.025	0.7	1.3	0.25	7	0.1	3.2	0.017	0.05	0.9	28	0.2	52
1149907	0.33	242	0.8	0.004	18.7	0.04	13.4	0.025	0.6	1	0.25	7	0.1	2.3	0.014	0.05	0.8	28	0.2	52
1149908	0.38	323	0.8	0.004	23.2	0.048	14.5	0.025	0.7	1.2	0.25	8	0.1	3.3	0.016	0.05	1	29	0.2	61
1149909	0.33	301	0.8	0.004	19.6	0.048	13.4	0.025	0.7	1.2	0.25	8	0.1	2.2	0.018	0.05	0.9	32	0.2	57
1149910	0.42	606	0.9	0.004	25.3	0.068	21.2	0.025	0.5	0.8	0.25	9	0.1	1.6	0.012	0.05	1.6	25	0.1	65
1149911	0.39	652	0.7	0.003	39.1	0.053	23.9	0.025	0.6	1.6	0.25	12	0.1	10.4	0.009	0.05	2.4	19	0.05	88
1149912	0.91	492	0.6	0.004	34.4	0.059	22.4	0.025	3	2.8	0.25	13	0.1	8	0.052	0.3	1	33	0.1	76
1149913	0.69	427	0.4	0.002	34.6	0.054	29.3	0.025	18.6	3.1	0.25	13	0.1	15.6	0.028	0.3	2.1	25	0.05	75
1149914	0.43	486	0.9	0.007	26	0.075	13.5	0.025	0.9	2.1	0.25	19	0.1	5.4	0.033	0.05	1.2	38	0.3	67
1149915	0.29	167	0.9	0.006	14.8	0.052	15.5	0.025	0.6	1	0.25	22	0.1	0.5	0.013	0.1	1.2	34	0.1	35
1149916	0.31	436	1	0.005	13.8	0.057	13	0.025	0.7	1	0.25	9	0.1	1	0.016	0.05	0.8	36	0.2	47
1149917	0.39	413	1.5	0.006	35.5	0.083	27	0.025	1.4	1.3	0.25	13	0.1	4.9	0.01	0.05	2.1	24	0.05	107
1149918	0.8	618	1.2	0.01	58.6	0.109	15.3	0.025	2.1	3.9	0.25	31	0.1	11.1	0.12	0.1	1.6	49	0.2	82
1149919	0.4	357	1	0.005	25.8	0.047	12.2	0.025	1.6	2.5	0.25	13	0.1	6.4	0.029	0.05	1	36	0.2	64
1149920	0.39	351	0.9	0.005	22.8	0.052	14.8	0.025	1.2	1.8	0.25	14	0.1	5.1	0.025	0.05	1	33	0.2	66
1149921	0.39	430	1.2	0.006	25.7	0.06	14.6	0.025	1.6	2.4	0.25	12	0.1	5	0.025	0.05	1.5	34	0.2	77
1149922	0.3	1013	1.1	0.005	44.9	0.046	21.8	0.025	2	2.1	0.25	12	0.1	6.6	0.015	0.1	2.7	26	0.2	99
1149923	0.38	386	0.9	0.006	21.2	0.055	12.5	0.025	0.8	2.2	0.25	11	0.1	3.5	0.025	0.05	1.3	37	0.2	61
1149925	0.6	438	1.4	0.007	21.3	0.067	26.1	0.025	1	1.5	0.25	12	0.1	8.1	0.015	0.05	1.8	28	0.1	99
1149926	0.37	878	1	0.006	23.1	0.058	18	0.025	1.8	1.3	0.25	18	0.1	1.9	0.009	0.05	1.9	31	0.1	72
1149927	0.44	488	1	0.008	24.9	0.055	16.5	0.025	2	1.8	0.25	12	0.1	5.7	0.025	0.05	1.3	32	0.1	74
1149928	0.42	766	0.8	0.005	28.7	0.053	15.7	0.025	2.1	2.3	0.7	17	0.1	4.5	0.015	0.05	2.2	35	0.1	75
1149929	0.51	427	0.8	0.006	29.5	0.06	18.4	0.025	2.4	2.5	0.25	17	0.1	9.7	0.016	0.05	2	29	0.05	69
1149930	0.36	3602	1	0.004	56	0.039	26.2	0.025	4.3	2.6	0.6	11	0.1	8.2	0.015	0.05	4.1	25	0.05	82
1149931	0.36	647	1.2	0.004	22.3	0.047	21	0.025	3.6	1.5	0.25	12	0.1	5.6	0.013	0.05	1.2	29	0.2	79
1149932	0.42	473	1.1	0.004	21.5	0.063	16.9	0.025	0.9	2.1	0.6	7	0.1	3.2	0.026	0.05	1.4	40	0.3	73
1149933	0.4	467	0.9	0.004	22	0.06	18.1	0.025	1	1.7	0.6	8	0.1	4.1	0.024	0.05	1.5	35	0.3	68
1149934	0.36	685	0.9	0.004	20.7	0.059	20.7	0.025	0.9	1.9	0.25	6	0.1	4	0.017	0.05	1.8	30	0.2	68
1149935	0.34	264	0.8	0.003	17.8	0.065	13.8	0.025	0.8	1.3	0.25	9	0.1	4	0.019	0.05	1.1	30	0.4	61
1149936	0.37	244	0.9	0.004	22.8	0.07	14.8	0.025	1	1.8	0.25	10	0.1	6.3	0.028	0.05	1.4	34	0.4	68
1149937	0.38	185	0.7	0.004	20.6	0.075	15.9	0.025	1	1.8	0.25	10	0.1	6.3	0.029	0.05	1.3	37	0.6	63
1149938	0.34	215	0.7	0.004	15	0.06	13.4	0.025	0.8	1.5	0.25	8	0.1	3.3	0.019	0.05	1	32	0.3	54
1149939	0.35	214	0.7	0.004	15.9	0.061	11.2	0.025	0.8	2.3	0.25	9	0.1	4.8	0.028	0.05	1.1	32	0.4	55
1149940	0.37	262	0.7	0.004	15.9	0.08	12.6	0.025	0.8	1.6	0.25	12	0.1	2.9	0.032	0.05	1	35	0.3	56
1149941	0.38	433	0.8	0.005	27.9	0.095	11.4	0.025	1	3.2	0.25	16	0.1	9	0.048	0.05	1.4	41	0.5	64

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1149942	412912	7086558	8N	0.05	2.09	3.6	1.6	0.5	117	0.3	0.11	0.2	15	31	36.1	3.1	7	0.02	0.36	32
1149943	412892	7086511	8N	0.05	0.58	3	0.25	0.5	55	0.5	0.03	0.05	4.6	13	32.1	3.84	1	0.01	0.09	55
1149944	412898	7086463	8N	0.1	1.03	8.8	6.2	0.5	75	0.2	0.1	0.1	8	19	25.9	2.17	3	0.05	0.09	17
1149945	412899	7086413	8N	0.05	1.18	8.5	1.7	0.5	61	0.2	0.05	0.05	6.8	28	18.2	2.26	4	0.03	0.12	18
1149946	412945	7086407	8N	0.05	0.95	11.5	7.5	0.5	70	0.2	0.1	0.1	7.5	35	18.5	2.2	3	0.03	0.07	17
1149947	412992	7086400	8N	0.1	1.25	10.3	7.4	0.5	75	0.2	0.1	0.05	10.8	73	25.6	2.28	4	0.05	0.06	19
1149948	413039	7086393	8N	0.05	1.16	16.5	2.5	0.5	78	0.2	0.1	0.05	14.1	121	22.1	2.73	4	0.04	0.09	21
1149949	413088	7086391	8N	0.05	1.2	10.5	0.7	2	79	0.2	0.1	0.05	9.2	30	23.7	2.41	4	0.02	0.08	25
1149950	413137	7086389	8N	0.05	1.21	15.7	0.25	0.5	66	0.3	0.07	0.2	10.8	62	20.9	2.4	4	0.03	0.06	20
1149961	409499	7088787	8N	0.2	1.56	16	4.4	2	236	0.4	0.87	0.4	9.1	22	16.6	2.22	4	0.04	0.04	14
1149962	409499	7088837	8N	0.3	2.4	32.3	10.9	3	209	1.4	1.96	0.4	8.8	35	47.2	2.21	7	0.03	0.08	18
1149963	409498	7088887	8N	0.2	1.48	15	3.9	4	177	0.4	1.01	0.4	8.5	20	15.4	1.89	4	0.04	0.04	16
1149964	409497	7088936	8N	0.2	2.33	9.9	110.4	2	201	0.3	1.51	0.4	9.4	31	18.9	2.18	7	0.05	0.13	23
1149965	409497	7088987	8N	0.7	2.22	533.7	10.5	2	220	7	0.68	0.4	9.5	37	36.7	2.53	6	0.05	0.06	22
1149966	409498	7089038	8N	0.1	1.76	81.5	6.3	2	131	0.6	0.16	0.3	8.1	30	72	2.52	6	0.04	0.05	15
1149967	409497	7089089	8N	0.2	1.94	50.6	8.5	1	209	0.7	0.2	0.4	10.9	26	27.5	2.75	5	0.07	0.05	19
1149968	409496	7089139	8N	0.5	1.76	74.7	14.9	2	218	0.5	0.26	0.5	10.2	29	83	2.69	5	0.05	0.06	16
1149969	409496	7089187	8N	0.3	1.53	27.4	33.2	2	261	0.5	0.36	0.4	9.7	31	65.8	2.65	5	0.04	0.1	22
1149970	409496	7089238	8N	0.2	1.56	18.8	5.4	0.5	150	0.3	0.16	0.4	8.3	27	51.1	2.39	5	0.03	0.05	15
1149971	409496	7089287	8N	0.6	1.69	20	12.9	2	181	0.3	0.41	0.6	9.9	25	84.3	2.34	5	0.03	0.1	16
1149972	409494	7089337	8N	0.4	2.63	15.8	10.6	2	252	0.4	0.47	0.4	7.5	46	65.1	2.57	9	0.03	0.24	16
1149973	409497	7089385	8N	0.6	2.65	9	3.2	1	551	0.3	0.6	0.7	19.1	165	95	3.71	8	0.03	0.76	24
1149974	409497	7089435	8N	0.9	2.83	12.8	11	2	320	0.3	0.41	0.7	10.2	48	105.4	2.68	8	0.03	0.4	16
1149975	409497	7089486	8N	0.6	2.5	9.1	7.4	1	268	0.2	0.34	0.3	8.7	39	76.4	2.25	7	0.03	0.23	15
1149976	409496	7089536	8N	0.5	2.41	57.8	7.8	2	267	0.5	0.53	0.5	8.6	45	93.1	2.75	8	0.02	0.26	15
1149977	409497	7089586	8N	0.6	2.56	21.4	12.2	2	307	0.2	0.48	0.4	9.6	41	72.2	2.49	7	0.06	0.23	16
1149978	409497	7089638	8N	0.5	2.07	8.6	5.5	2	243	0.2	0.91	1.1	8.2	34	60.9	1.89	6	0.05	0.15	12
1149979	409499	7089685	8N	0.5	1.9	9.3	3.7	2	232	0.3	0.71	0.4	7.8	37	66.2	1.95	6	0.04	0.15	13
1149980	409497	7089738	8N	0.7	2.79	15	4.5	3	248	0.5	0.79	0.4	12.8	44	77.7	2.79	8	0.04	0.28	19
1149981	409496	7089786	8N	0.6	1.6	7.2	4.7	2	181	0.3	1.36	1.3	5	30	91.5	1.67	5	0.04	0.13	11
1149982	409497	7089886	8N	0.3	1.64	15.5	3.9	1	189	0.3	0.36	0.3	9.5	34	41.6	2.3	5	0.03	0.08	14
1149983	409498	7089936	8N	0.9	2.57	22.1	9.4	2	261	0.5	1.08	0.9	10.7	57	146.9	2.78	9	0.04	0.13	16
1149984	409496	7089989	8N	0.3	3.08	21.4	3.7	3	223	0.4	0.55	0.9	13.4	51	71.2	3.12	9	0.02	0.09	13
1149985	409498	7090037	8N	0.05	1.67	20.6	21.9	2	152	0.5	0.19	0.2	6.6	27	20.9	1.9	6	0.02	0.1	14
1149986	409498	7090086	8N	0.05	3.98	38.2	0.25	2	331	0.2	8.61	0.1	12.7	49	17.9	2.96	12	0.005	0.43	13
1149988	409498	7090137	8N	0.1	3.37	21.1	0.6	2	385	0.2	4.67	0.1	12	49	23.4	2.69	10	0.02	0.36	18
1149989	409499	7090188	8N	0.2	1.34	27.8	3.4	1	299	0.3	0.4	0.4	9.5	29	27.6	2.47	4	0.05	0.07	20
1149990	409498	7090239	8N	0.05	1.28	43.6	8.9	2	244	0.7	0.24	0.2	7.6	23	23.3	2.21	4	0.02	0.06	20
1149991	409499	7090285	8N	0.05	1	33.8	2.6	2	255	0.4	0.27	0.2	8.3	22	28.4	2.05	3	0.03	0.05	19
1151001	417824	7086448	8N	0.05	1.05	10.1	1.4	0.5	67	0.1	0.09	0.1	6.7	18	15.3	2.02	3	0.05	0.03	12
1151002	417866	7086476	8N	0.05	1.12	9.2	2.4	0.5	63	0.2	0.09	0.2	10.1	19	11.3	2.23	3	0.03	0.03	14
1151003	417914	7086493	8N	0.05	1.05	9.1	1.6	0.5	61	0.2	0.07	0.1	8.8	19	15.8	2.12	4	0.02	0.03	18
1151004	417949	7086529	8N	0.05	1.16	8.3	1.2	0.5	87	0.2	0.06	0.05	5.7	20	12.7	1.94	4	0.03	0.03	16
1151005	417983	7086567	8N	0.05	1.14	7.8	1.3	0.5	92	0.2	0.05	0.05	6.2	19	13.5	2.13	4	0.02	0.03	23
1151006	418021	7086601	8N	0.05	1.52	9.6	2.4	0.5	109	0.2	0.09	0.1	14.2	22	23.2	2.35	4	0.04	0.03	18
1151007	418055	7086638	8N	0.05	1.04	7	2.6	0.5	67	0.2	0.06	0.05	8.2	17	17	2.11	3	0.02	0.02	18

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1149942	0.86	449	0.3	0.004	29.7	0.041	30.2	0.025	2.1	2.8	0.6	14	0.1	6.1	0.035	0.3	0.7	33	0.05	76
1149943	0.14	332	1.7	0.003	12.6	0.041	27	0.025	7.6	1.4	0.25	10	0.1	12	0.006	0.05	1.1	13	0.05	47
1149944	0.31	206	0.6	0.005	19.5	0.058	14.9	0.025	0.9	1.1	0.7	19	0.1	0.9	0.018	0.05	0.7	31	0.2	52
1149945	0.34	255	0.6	0.004	17.2	0.04	16.2	0.025	0.7	1.2	0.25	7	0.1	1.6	0.02	0.1	0.8	31	0.1	43
1149946	0.3	240	0.8	0.004	20.2	0.043	16.5	0.025	0.8	1.3	0.9	11	0.1	1.5	0.023	0.1	0.6	34	0.2	50
1149947	0.46	300	0.8	0.003	37.1	0.04	15.1	0.025	0.7	1.9	0.25	12	0.1	1.3	0.019	0.1	0.7	41	0.2	48
1149948	0.6	477	0.7	0.004	51.9	0.041	16.7	0.025	1.2	1.8	0.25	14	0.1	1.8	0.018	0.1	0.6	41	0.2	51
1149949	0.41	296	1	0.004	21.5	0.039	22.6	0.025	1	1.2	0.25	11	0.1	1.5	0.026	0.1	0.8	43	0.3	53
1149950	0.46	383	0.9	0.004	36.4	0.041	36.2	0.025	1.2	1.3	0.6	9	0.1	1.3	0.023	0.1	0.8	41	0.2	50
1149961	0.4	418	0.6	0.018	19.2	0.063	11.1	0.025	0.6	2	0.25	32	0.1	1.4	0.023	0.1	0.8	40	0.3	53
1149962	0.71	353	0.5	0.055	20.7	0.094	13.1	0.05	1.3	3.7	0.7	98	0.1	3.7	0.045	0.1	0.9	44	0.7	66
1149963	0.36	508	0.5	0.054	21.1	0.063	11.2	0.025	0.7	1.8	0.25	57	0.1	1.6	0.027	0.1	0.6	31	0.3	59
1149964	0.53	517	0.5	0.181	23.8	0.115	12.9	0.025	0.9	2.4	0.25	118	0.1	6	0.069	0.2	1.1	42	1.2	62
1149965	0.61	357	0.8	0.04	22.9	0.092	22.3	0.025	2.4	3.2	0.25	57	0.1	4	0.041	0.2	1.9	49	0.5	78
1149966	0.45	266	2.9	0.007	24.7	0.048	26.3	0.025	1.8	2.3	0.8	20	0.1	2.3	0.042	0.2	1.5	67	0.4	80
1149967	0.44	341	1.6	0.008	24.6	0.059	24	0.025	1.5	2.4	0.25	23	0.1	3.4	0.039	0.1	1.4	55	0.6	75
1149968	0.47	331	1.9	0.01	34.6	0.094	24.2	0.025	2.3	2.1	0.5	28	0.1	2.1	0.039	0.2	2.1	65	1.2	120
1149969	0.54	408	1.4	0.01	27.3	0.104	22.4	0.025	2.1	3	0.25	35	0.1	5.2	0.071	0.2	3.1	63	1.1	92
1149970	0.46	287	1.5	0.006	24.2	0.066	16	0.025	1.4	2.4	0.7	16	0.1	3.3	0.04	0.2	1.5	61	0.5	68
1149971	0.59	293	2	0.013	28.4	0.097	19.9	0.025	2.3	2.5	0.25	46	0.1	4.4	0.058	0.3	1.7	61	0.5	84
1149972	1.07	219	2.8	0.021	30.2	0.197	15.9	0.06	3.2	3	1.1	72	0.1	1.7	0.063	0.4	3.7	121	0.1	107
1149973	1.96	584	2.6	0.022	46.3	0.154	32.3	0.025	2.4	5.5	1.3	85	0.1	9.8	0.178	0.8	3.4	124	0.5	164
1149974	1.16	288	2.6	0.023	35.5	0.146	16.5	0.07	3	3.4	1.6	67	0.1	2.6	0.083	0.5	4.7	100	0.2	114
1149975	0.92	239	2.6	0.017	26.3	0.145	11.8	0.025	2.3	2.8	1.2	51	0.1	1.9	0.063	0.4	4.3	87	0.2	91
1149976	1.23	309	4	0.018	35.5	0.138	15.8	0.025	3.4	3.2	1.3	71	0.1	3.5	0.082	0.3	3.8	115	0.3	135
1149977	1.29	318	3.5	0.017	31.1	0.133	11.9	0.025	2.2	3.7	0.6	49	0.1	4.7	0.084	0.3	3.1	97	0.3	113
1149978	1.37	298	1.7	0.015	26.2	0.103	10.3	0.025	1.6	3.2	1.3	52	0.1	2.6	0.072	0.2	3.1	80	0.2	126
1149979	1.22	193	2	0.013	28.3	0.12	11.7	0.025	1.7	3.3	2.1	50	0.1	3.1	0.073	0.2	3.3	93	0.2	114
1149980	1.38	350	3.9	0.025	43	0.143	30.7	0.07	2.2	4	1	81	0.1	5	0.084	0.4	8	100	0.3	172
1149981	1.01	126	1.4	0.013	25.3	0.121	20.3	0.09	4.5	2.9	3.5	65	0.1	2.5	0.059	0.3	6	79	0.05	115
1149982	0.62	409	2.7	0.008	24.7	0.108	11.4	0.025	2.1	2.6	0.7	29	0.1	3	0.053	0.2	1.5	70	0.3	110
1149983	1.01	216	3.7	0.023	44	0.128	31.7	0.025	11.2	4.7	1.6	106	0.1	6.2	0.098	0.5	4.4	111	0.3	180
1149984	0.89	191	3	0.014	44.9	0.115	16.4	0.025	3.1	3.6	0.9	52	0.1	5.7	0.093	0.4	2	114	0.2	107
1149985	0.55	214	0.7	0.016	19.1	0.057	8.8	0.025	1.4	1.8	0.25	20	0.1	1.3	0.042	0.1	0.8	45	0.2	56
1149986	1.39	371	0.2	0.342	21.4	0.079	11.6	0.025	2.1	6.2	0.25	314	0.1	7.9	0.102	0.2	0.5	53	0.05	67
1149988	1.05	427	0.4	0.205	25.5	0.074	10	0.025	1.4	6	0.25	165	0.1	7.4	0.125	0.2	0.7	54	0.1	65
1149989	0.53	366	0.6	0.012	25.5	0.08	10.9	0.025	2.5	3.7	0.25	31	0.1	5.3	0.056	0.1	0.8	45	0.3	76
1149990	0.39	288	0.8	0.007	19	0.067	9.2	0.025	2.6	2.3	0.25	19	0.1	2.6	0.046	0.1	1.2	42	0.5	56
1149991	0.4	341	0.7	0.006	20.6	0.071	8.9	0.025	2.6	3.1	0.25	20	0.1	5.7	0.049	0.05	1.3	37	0.4	58
1151001	0.31	206	0.7	0.004	17	0.042	10.5	0.025	0.6	1.2	0.25	8	0.1	1.3	0.021	0.05	0.7	33	0.2	46
1151002	0.31	340	0.8	0.004	18.2	0.052	12.8	0.025	0.6	1	0.25	9	0.1	0.9	0.018	0.05	0.6	31	0.1	49
1151003	0.33	204	0.8	0.003	19	0.039	14.7	0.025	0.6	1	0.25	9	0.1	1.7	0.018	0.05	0.8	31	0.2	51
1151004	0.28	133	0.7	0.004	12.5	0.034	11.8	0.025	0.5	1	0.25	9	0.1	0.7	0.017	0.05	0.9	35	0.1	38
1151005	0.31	157	0.9	0.003	14.3	0.035	13.5	0.025	0.4	1.2	0.25	9	0.1	2.3	0.013	0.05	1	32	0.1	41
1151006	0.4	412	0.9	0.004	20.8	0.058	12.3	0.025	0.6	2	0.25	9	0.1	3.1	0.024	0.05	1.7	36	0.2	61
1151007	0.34	260	0.8	0.003	13.2	0.046	12.6	0.025	0.4	0.8	0.25	8	0.1	1.8	0.012	0.05	0.8	24	0.1	46

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1151008	418098	7086665	8N	0.05	1.08	7.9	2	0.5	74	0.2	0.08	0.1	7.3	18	20.4	1.9	3	0.03	0.03	17
1151009	418144	7086685	8N	0.05	1.16	9.6	4	0.5	97	0.2	0.1	0.2	8.3	20	22.3	2.01	3	0.05	0.03	15
1151010	418177	7086724	8N	0.05	0.91	9.2	1.9	0.5	67	0.1	0.08	0.05	5.7	17	14.9	1.84	3	0.03	0.03	12
1151011	418218	7086752	8N	0.05	1.13	7.4	1.9	0.5	78	0.2	0.08	0.2	15.1	21	26.4	2.38	3	0.03	0.04	25
1151013	418258	7086786	8N	0.05	1.06	8.8	2.9	0.5	93	0.2	0.09	0.1	5.9	20	14.6	1.93	3	0.03	0.03	15
1151014	418279	7086830	8N	0.05	0.97	9.2	1.8	0.5	107	0.1	0.1	0.1	7.3	18	22.1	1.86	3	0.03	0.03	13
1151015	418316	7086878	8N	0.1	1.24	6.7	1.3	0.5	122	0.3	0.08	0.2	7.7	19	33.9	2.77	3	0.02	0.04	32
1151016	417201	7080268	8N	0.05	1.44	17.4	2.4	2	65	0.4	0.13	0.3	16.3	23	38.7	4.34	5	0.05	0.04	40
1151017	417201	7080318	8N	0.1	1.35	11.1	1.8	2	72	0.2	0.07	0.3	9.5	21	27.1	2.87	4	0.04	0.04	19
1151018	417207	7080368	8N	0.1	1.49	9.7	5.4	2	56	0.4	0.04	0.1	7.2	23	40.6	3.94	5	0.04	0.04	33
1151019	417208	7080418	8N	0.3	1.19	13	2.9	2	73	0.3	0.1	0.4	9.4	20	27.6	2.75	4	0.05	0.04	22
1151020	417205	7080467	8N	0.2	1.24	15.3	0.7	1	77	0.3	0.07	0.5	10.9	19	34.1	3.15	4	0.03	0.03	32
1151021	417201	7080518	8N	0.05	1.38	14.1	3.4	0.5	65	0.3	0.05	0.1	11.7	20	27.4	2.82	4	0.05	0.04	23
1151022	417197	7080568	8N	1.1	0.52	19.6	0.25	5	49	0.2	2.93	5.9	25	13	13	5.9	2	0.03	0.11	31
1151023	417193	7080618	8N	0.05	1.41	12.5	2.9	1	77	0.2	0.13	0.2	9.8	20	23.3	2.66	4	0.04	0.05	23
1151024	417188	7080669	8N	0.05	1.27	9.9	4.8	0.5	56	0.2	0.06	0.05	7	19	22.3	2.66	4	0.04	0.04	20
1151025	417181	7080718	8N	0.05	1.22	11.4	2.3	0.5	77	0.2	0.06	0.1	7.1	20	19.1	2.39	4	0.04	0.03	15
1151026	417205	7081901	8N	0.05	1.38	61.1	2.4	0.5	53	0.4	0.03	0.2	7.5	20	33.2	2.94	4	0.02	0.03	24
1151027	417215	7081946	8N	0.05	1.15	16.6	2.9	0.5	78	0.3	0.04	0.05	3.7	18	17	2.67	5	0.03	0.03	17
1151028	417235	7081989	8N	0.05	1.29	17.1	3.6	0.5	65	0.4	0.04	0.1	6.6	20	36.6	3.67	4	0.02	0.03	31
1151029	417213	7082034	8N	0.1	1.65	17.2	1.6	0.5	64	0.4	0.03	0.2	8.6	22	45.8	3.48	5	0.03	0.04	26
1151030	417216	7082080	8N	0.05	1.15	15.1	1.7	0.5	89	0.2	0.06	0.2	6.5	19	16.3	2.52	4	0.02	0.03	15
1151031	417231	7082124	8N	0.1	1.32	16.4	2.8	2	96	0.4	0.07	0.3	12.7	21	27.3	2.94	4	0.02	0.05	22
1151032	417247	7082165	8N	0.05	1.49	13.2	11.8	0.5	89	0.3	0.07	0.2	7.9	23	19.8	2.61	5	0.03	0.05	16
1151033	417241	7082211	8N	0.1	1.49	13.4	4.6	1	121	0.3	0.1	0.2	8.2	23	18.4	2.57	5	0.02	0.05	16
1151034	417253	7082257	8N	0.2	1.04	39.9	3.3	1	78	0.5	0.07	0.2	5.7	19	23.9	1.97	4	0.04	0.06	12
1151035	417261	7082310	8N	0.05	1.35	29.1	2	2	110	0.2	0.07	0.3	10.4	22	17.8	2.4	4	0.03	0.06	15
1151036	417291	7082346	8N	0.05	1.46	15	5.6	1	97	0.2	0.05	0.2	10.6	23	16.6	2.5	4	0.03	0.04	14
1151037	417319	7082388	8N	0.1	1.58	12.3	1.4	0.5	81	0.5	0.04	0.05	4.5	23	29.7	2.53	7	0.02	0.19	23
1151038	417349	7082426	8N	0.05	1.85	15.1	2	0.5	146	0.5	0.05	0.2	26.5	26	46.1	3.55	5	0.005	0.2	40
1151039	417371	7082470	8N	0.05	1.24	11	1.9	0.5	60	0.2	0.06	0.3	7.9	17	21.6	2.38	3	0.01	0.03	22
1151040	417383	7082521	8N	0.05	1.55	19.5	1.1	0.5	64	0.4	0.05	0.1	10.4	24	31.1	3.23	4	0.02	0.04	21
1151041	417413	7082552	8N	0.05	1.59	35.3	1.9	0.5	66	0.8	0.04	0.1	14.3	26	27.8	3.35	5	0.02	0.05	21
1151042	417415	7082602	8N	0.05	1.39	12.9	3.9	0.5	68	0.3	0.05	0.2	7.8	24	15.9	2.74	5	0.02	0.03	14
1151043	417443	7082642	8N	0.05	1.34	11	1.3	1	119	0.3	0.1	0.1	9.3	21	29.5	2.61	4	0.02	0.04	20
1151044	417436	7082693	8N	0.1	1.22	13.2	2.1	0.5	60	0.3	0.06	0.2	9.5	22	28.9	2.77	5	0.04	0.04	18
1151045	417435	7082736	8N	0.05	1.5	19.9	2.5	0.5	87	0.3	0.11	0.2	20.6	26	25.4	2.96	5	0.02	0.04	18
1151046	417464	7082780	8N	0.05	1.54	14	3.7	1	71	0.3	0.08	0.2	10.7	24	23.5	2.71	4	0.05	0.05	19
1151047	417482	7082823	8N	0.05	1.4	19.3	2.2	1	69	0.3	0.06	0.1	8.2	23	15	2.81	5	0.02	0.03	14
1151048	417484	7082875	8N	1	0.75	182.3	3.6	0.5	42	0.4	0.04	0.3	5.7	12	19.4	1.91	4	0.02	0.03	23
1151049	417477	7082918	8N	0.3	1.2	121.2	5	0.5	89	0.3	0.07	0.4	14.3	23	18.7	2.58	4	0.07	0.04	18
1151050	417475	7082965	8N	0.3	1	38	10.2	0.5	75	0.2	0.12	0.4	12.3	19	20	2.43	3	0.02	0.04	16
1151051	417168	7080766	8N	0.05	1.23	17.9	2.9	2	55	0.4	0.03	0.05	10.9	15	32.1	2.94	4	0.04	0.05	43
1151052	417158	7080816	8N	0.05	0.82	17.1	25.6	2	83	0.2	0.16	0.4	9.6	18	28.6	2.17	3	0.07	0.04	21
1151053	417142	7080864	8N	0.05	1.6	11.1	2.4	0.5	110	0.2	0.09	0.1	11.1	23	28.6	3.05	4	0.04	0.05	24
1151054	417128	7080911	8N	0.2	1.43	18.7	4.8	0.5	109	0.4	0.11	0.1	10.7	21	34.8	3.11	4	0.04	0.04	28

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1151008	0.35	206	0.6	0.003	16.5	0.044	9.6	0.025	0.5	1.3	0.25	8	0.1	2.9	0.016	0.05	1.2	24	0.2	51
1151009	0.35	280	0.7	0.004	19	0.056	8.9	0.025	0.6	1.8	0.25	9	0.1	2.7	0.024	0.05	1.2	33	0.3	56
1151010	0.29	190	0.6	0.003	14.1	0.048	8	0.025	0.5	1.2	0.25	7	0.1	1.6	0.02	0.05	0.7	29	0.2	47
1151011	0.43	411	0.9	0.003	26.5	0.052	15	0.025	0.7	1.3	0.25	17	0.1	6.6	0.018	0.05	1.2	23	0.1	72
1151013	0.31	208	0.6	0.004	14.2	0.048	10.1	0.025	0.6	1.1	0.25	8	0.1	1	0.017	0.05	0.9	30	0.2	48
1151014	0.31	267	0.6	0.003	18	0.051	8.5	0.025	0.6	1.3	0.25	9	0.1	1.8	0.021	0.05	0.8	29	0.2	53
1151015	0.52	251	0.6	0.004	21.9	0.05	18.6	0.025	0.6	1.4	0.25	11	0.1	8.3	0.015	0.05	1.4	21	0.05	71
1151016	0.61	1280	0.9	0.007	36.9	0.096	31	0.05	1	2	0.25	11	0.1	6.5	0.011	0.05	2.2	23	0.05	105
1151017	0.46	319	1	0.004	20.9	0.034	31.9	0.025	0.9	1.5	0.6	9	0.1	5.6	0.022	0.05	0.9	35	0.1	78
1151018	0.62	317	1.3	0.005	15.1	0.044	30.6	0.025	1.1	1.4	0.25	9	0.1	12.7	0.016	0.05	1.6	24	0.1	76
1151019	0.43	374	1	0.005	22.3	0.048	38.3	0.025	1	1.8	0.25	11	0.1	5.5	0.026	0.1	1.2	35	0.2	84
1151020	0.52	349	0.7	0.004	25.9	0.038	53.9	0.025	0.9	1.6	0.25	14	0.1	11.2	0.018	0.05	1.6	25	0.1	105
1151021	0.47	300	1	0.004	21.3	0.029	14.4	0.025	0.8	1.3	0.25	11	0.1	3.9	0.021	0.05	1	33	0.1	62
1151022	0.22	10000	0.7	0.003	57.1	0.043	338.9	0.025	1.7	3.1	0.7	99	0.1	17.9	0.002	0.9	2	14	0.05	612
1151023	0.47	288	0.9	0.005	21.7	0.047	15.8	0.025	0.8	1.5	0.5	14	0.1	4.3	0.026	0.1	0.9	36	0.2	63
1151024	0.45	280	0.8	0.004	16.3	0.025	13.1	0.025	0.7	1.3	0.7	10	0.1	3.8	0.023	0.05	0.8	35	0.1	56
1151025	0.37	317	0.8	0.004	16.8	0.032	11.9	0.025	0.8	1.2	0.9	8	0.1	1.6	0.021	0.1	0.7	35	0.2	58
1151026	0.39	223	1.1	0.005	17.8	0.053	34.5	0.025	1	1.3	0.25	13	0.1	4.1	0.014	0.05	1.8	29	0.1	64
1151027	0.25	146	1	0.005	9.4	0.037	17.8	0.025	0.7	1.3	0.25	13	0.1	3.8	0.022	0.05	0.8	37	0.2	40
1151028	0.38	225	1.1	0.006	16.2	0.047	28.2	0.025	1	1.6	0.25	14	0.1	14.8	0.022	0.05	1.9	29	0.2	60
1151029	0.47	186	1.3	0.006	19.9	0.04	24.2	0.025	0.8	1.9	0.25	17	0.1	12.1	0.019	0.05	1.7	31	0.1	58
1151030	0.29	198	0.8	0.004	15.4	0.028	14.8	0.025	0.8	1.7	0.25	10	0.1	4.6	0.027	0.05	0.7	38	0.2	49
1151031	0.46	367	1.2	0.007	24.9	0.053	21.9	0.025	1	1.9	0.5	20	0.1	4.3	0.027	0.05	1.1	35	0.2	72
1151032	0.36	363	1.2	0.005	18.7	0.042	16.4	0.025	0.9	1.9	0.25	10	0.1	2	0.032	0.1	0.8	43	0.2	57
1151033	0.38	332	1.2	0.006	18.3	0.05	14.7	0.025	0.9	2.1	0.5	14	0.1	3	0.04	0.1	0.9	47	0.2	65
1151034	0.23	255	1.2	0.011	15.4	0.083	50	0.08	2	0.9	0.6	13	0.1	0.3	0.019	0.1	0.9	34	0.1	54
1151035	0.36	345	0.9	0.005	23.9	0.042	15.1	0.025	1.1	2.2	0.25	10	0.1	4.5	0.04	0.1	0.7	37	0.2	62
1151036	0.32	502	1.1	0.004	19.5	0.035	15.2	0.025	1	2.2	0.25	8	0.1	3.1	0.038	0.1	0.7	40	0.2	54
1151037	0.59	220	2.4	0.009	17	0.039	17.5	0.06	0.8	2.8	0.25	20	0.1	4.8	0.077	0.2	1.3	55	0.4	49
1151038	0.89	676	1.9	0.005	74.8	0.05	15.4	0.025	0.8	3.5	0.6	19	0.1	11	0.064	0.2	3	35	0.05	110
1151039	0.35	251	0.8	0.004	16.3	0.04	12.3	0.025	0.9	1.8	0.25	11	0.1	7.2	0.026	0.1	0.9	25	0.1	50
1151040	0.42	258	1.1	0.005	24.9	0.052	17.6	0.025	1.6	2	0.5	11	0.1	6.8	0.023	0.05	1.9	35	0.1	71
1151041	0.52	480	1.6	0.005	23.3	0.05	19.5	0.025	1.5	1.8	0.25	12	0.1	4.6	0.023	0.1	1.6	36	0.1	81
1151042	0.37	307	1.2	0.004	14.9	0.028	13.8	0.025	1.2	2	0.5	8	0.1	3.7	0.037	0.1	0.8	42	0.2	52
1151043	0.44	273	0.9	0.007	19.7	0.057	14.3	0.025	0.7	2.2	0.25	17	0.1	6	0.033	0.05	1.3	33	0.2	64
1151044	0.4	260	1.1	0.006	19.7	0.057	15.2	0.025	1	1.6	0.25	15	0.1	3.3	0.027	0.05	1.2	36	0.2	64
1151045	0.46	527	1.2	0.006	25.8	0.069	13.8	0.025	1.4	2.2	0.25	15	0.1	3.2	0.041	0.1	1.3	43	0.2	78
1151046	0.45	305	0.9	0.007	19.4	0.053	13.5	0.025	0.9	2.2	0.25	15	0.1	5.5	0.034	0.1	1.2	37	0.3	66
1151047	0.34	283	1.2	0.005	15.2	0.038	14.9	0.025	0.9	2	0.6	9	0.1	4.4	0.032	0.1	0.8	43	0.2	56
1151048	0.19	138	1.2	0.006	15.1	0.034	17.2	0.025	1.8	1.1	0.25	11	0.1	2.4	0.023	0.1	0.9	34	0.2	53
1151049	0.35	569	1	0.005	17.7	0.052	25.1	0.025	2.1	2.2	0.25	11	0.1	4.2	0.04	0.1	1	38	0.3	64
1151050	0.32	361	0.9	0.005	23.7	0.06	22.6	0.08	2.1	1.6	0.6	11	0.1	4.3	0.025	0.05	1	31	0.4	65
1151051	0.39	258	1.4	0.004	23	0.043	29.6	0.025	0.9	0.9	0.9	9	0.1	10.5	0.014	0.05	1.7	21	0.1	69
1151052	0.33	459	0.9	0.004	21.5	0.076	11.6	0.025	1.8	2.2	0.25	14	0.1	5.9	0.04	0.05	1.1	35	0.6	64
1151053	0.48	274	1.1	0.006	26.4	0.042	19.1	0.025	1	2.1	0.25	16	0.1	8.5	0.04	0.1	1.2	39	0.2	68
1151054	0.44	302	1.9	0.007	29.2	0.05	25.8	0.025	3.3	1.9	1	17	0.1	8.4	0.04	0.1	1.4	38	0.2	67

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1151055	417117	7080960	8N	0.05	1.23	11.6	2.1	2	67	0.4	0.07	0.1	8.3	18	29.7	2.93	4	0.04	0.04	31
1151056	417102	7081009	8N	0.2	1.58	9.3	0.7	2	92	0.4	0.05	0.1	8.4	19	59.6	4.65	5	0.02	0.06	45
1151058	417095	7081059	8N	0.3	1.11	11.5	3.7	2	41	0.6	0.05	0.1	7.6	19	38	3.42	4	0.05	0.04	32
1151059	417086	7081108	8N	0.05	0.99	10.1	2.3	0.5	48	0.3	0.05	0.05	8.6	18	28	2.66	3	0.05	0.03	24
1151060	417063	7081154	8N	0.05	1.34	30.9	6.8	0.5	43	0.4	0.04	0.1	6.2	24	26.7	3.75	5	0.04	0.04	32
1151061	417060	7081203	8N	0.1	1.11	12.2	1.7	0.5	62	0.3	0.05	0.1	8.1	18	21	2.56	3	0.04	0.03	21
1151062	417061	7081254	8N	0.1	1.2	16.7	3.9	0.5	87	0.2	0.08	0.2	12.1	20	23.4	2.45	3	0.03	0.03	20
1151063	417061	7081303	8N	0.05	1.01	12.6	2.1	0.5	70	0.2	0.05	0.05	6	20	14.6	2.45	4	0.04	0.03	12
1151064	417061	7081353	8N	0.05	1.29	14.1	2.6	0.5	111	0.2	0.07	0.1	12.5	23	26.2	2.52	4	0.04	0.03	27
1151065	417065	7081403	8N	0.05	1.19	12.1	6	0.5	80	0.2	0.09	0.1	15.9	21	23.7	2.55	3	0.06	0.03	26
1151066	417083	7081450	8N	0.05	1.21	12.5	1.5	0.5	71	0.3	0.07	0.1	12.6	20	29.1	2.46	3	0.05	0.04	25
1151067	417101	7081497	8N	0.05	1.09	10	0.25	0.5	37	0.2	0.05	0.05	9.1	19	21.7	2.58	4	0.05	0.03	27
1151068	417115	7081545	8N	0.05	1.17	11.2	3.1	0.5	71	0.2	0.06	0.2	7.3	19	19	2.56	4	0.03	0.04	21
1151069	417130	7081593	8N	0.05	1.14	12.3	2.2	0.5	61	0.2	0.05	0.1	5.5	20	12.1	2.39	4	0.04	0.03	15
1151070	417148	7081641	8N	0.05	1.15	11.9	2.6	0.5	71	0.2	0.09	0.1	9.2	21	20.6	2.49	4	0.04	0.04	20
1151071	417160	7081689	8N	0.05	1.04	12.4	1.7	0.5	52	0.2	0.06	0.05	5.6	19	12.1	2.3	4	0.06	0.03	16
1151072	417177	7081736	8N	0.3	1.17	27.5	1.5	0.5	129	0.7	0.05	0.6	30.3	15	27.9	2.12	3	0.02	0.09	33
1151073	417189	7081788	8N	0.05	1.28	19.2	1.6	0.5	68	0.3	0.05	0.1	8.5	20	17.1	2.38	4	0.04	0.05	23
1151074	417213	7081840	8N	0.05	1.24	12.5	0.6	0.5	96	0.2	0.07	0.2	12.3	21	16	2.25	4	0.04	0.04	15
1151075	416884	7086959	8N	0.05	1.08	8.1	1.9	1	99	0.2	0.12	0.2	12.4	19	22.7	2.32	3	0.02	0.04	24
1151076	416972	7087006	8N	0.2	1.17	6.2	2.1	0.5	97	0.3	0.07	0.1	5.8	19	22.2	2.08	4	0.04	0.04	25
1151077	417011	7087037	8N	0.05	1.15	5.7	1.7	0.5	75	0.4	0.07	0.05	7.9	19	23.4	2.11	4	0.02	0.03	26
1151078	417045	7087073	8N	0.05	1.13	9.1	2.1	1	73	0.3	0.1	0.2	7.6	19	20.4	2.17	3	0.03	0.03	20
1151079	417092	7087094	8N	0.05	0.85	9.7	2.4	0.5	81	0.2	0.14	0.2	6.6	19	16.4	1.91	3	0.02	0.03	17
1151080	417181	7087139	8N	0.2	1.07	4.8	1.2	0.5	90	0.3	0.42	0.1	10	17	21.1	1.93	3	0.04	0.03	21
1151081	417229	7087153	8N	0.05	1.18	7.5	4.4	0.5	89	0.3	0.15	0.2	12.3	33	23.1	2.53	4	0.005	0.04	33
1151082	417267	7087185	8N	0.1	1.13	8.9	0.25	0.5	58	0.3	0.05	0.2	6.6	22	22.9	2.15	4	0.02	0.03	25
1151083	417305	7087217	8N	0.2	1.69	39.4	1.9	1	113	0.5	0.3	0.4	24.5	232	46.9	3.71	4	0.02	0.03	46
1151084	417345	7087249	8N	0.3	1.55	9.9	2.8	1	171	0.5	0.15	0.3	12.9	37	35.7	3.16	5	0.03	0.06	38
1151085	417375	7087288	8N	0.3	1.7	9	4.6	2	331	0.5	0.25	0.4	12.6	44	41	2.92	5	0.05	0.07	32
1151086	417413	7087320	8N	0.3	1.45	11.4	3.1	1	142	0.5	0.15	0.2	12.3	41	32.5	2.98	4	0.03	0.04	40
1151087	417455	7087348	8N	0.2	1.27	8.1	3	1	162	0.4	0.16	0.2	10.3	25	26	2.49	4	0.03	0.04	31
1151088	417501	7087367	8N	0.05	1.14	9	6.8	0.5	152	0.3	0.17	0.3	9.7	24	25.4	2.44	3	0.01	0.05	26
1151089	417549	7087380	8N	0.1	1.18	7.4	2.3	1	136	0.3	0.11	0.2	10.4	22	21	2.21	3	0.03	0.03	24
1151090	417595	7087399	8N	0.1	1.05	6.9	2	1	110	0.3	0.11	0.2	9.8	22	21.5	2.25	3	0.02	0.03	27
1151091	417643	7087415	8N	0.1	0.97	6.9	3.7	1	51	0.3	0.06	0.05	7.2	20	18.8	2.1	4	0.02	0.03	25
1151092	417669	7087457	8N	0.05	1.19	9.4	3.5	1	76	0.5	0.08	0.05	7.9	22	23.6	2.63	4	0.02	0.03	25
1151093	417689	7087503	8N	0.05	1.03	11.4	4.3	1	116	0.3	0.09	0.2	7.3	22	20	2.01	3	0.03	0.03	17
1151094	417728	7087535	8N	0.1	1.14	9.5	3.4	2	247	0.3	0.12	0.3	7.4	20	23.3	2.19	3	0.04	0.04	18
1151095	417770	7087567	8N	0.2	1.12	9	2.6	1	120	0.3	0.12	0.1	6.6	19	21.1	2.03	3	0.03	0.04	19
1151096	417811	7087598	8N	0.3	1.19	9.1	2.2	1	131	0.4	0.14	0.4	12.1	29	26.2	2.62	4	0.02	0.07	37
1151097	417855	7087623	8N	0.4	1.51	10.5	2.6	1	236	0.5	0.17	0.4	16.2	39	39.8	3.26	5	0.02	0.06	40
1151098	417898	7087648	8N	0.7	1.38	16.9	6.4	2	130	0.4	0.2	0.8	8	26	17	2.38	4	0.05	0.05	22
1151099	417932	7087685	8N	0.4	1.17	7	3.2	0.5	152	0.2	0.17	0.6	8	23	19.7	2.03	4	0.04	0.03	19
1151100	417966	7087725	8N	0.1	1.02	9.1	3.6	0.5	143	0.2	0.13	0.4	6.4	21	17.6	1.96	3	0.03	0.04	16
1151101	418005	7087759	8N	0.2	1	11.4	1.7	0.5	169	0.3	0.17	0.4	9.2	27	27.9	2.57	3	0.03	0.07	23

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1151055	0.43	267	1.1	0.005	18.4	0.044	21.4	0.025	1.2	1.4	0.25	16	0.1	6.8	0.021	0.05	1.3	30	0.1	62
1151056	0.73	242	3.3	0.007	19.4	0.059	21.4	0.025	1.6	1.5	0.25	32	0.1	24.4	0.005	0.1	3.3	16	0.05	92
1151058	0.46	248	1.1	0.003	14.1	0.055	45.9	0.025	1.6	1	0.5	12	0.1	6.8	0.017	0.05	1.3	27	0.3	58
1151059	0.34	247	0.8	0.004	16.3	0.035	16	0.025	0.8	1.1	0.25	12	0.1	6.3	0.024	0.05	1.3	30	0.2	52
1151060	0.42	256	1.7	0.007	15.4	0.05	28.3	0.025	1.1	1.1	0.6	20	0.1	10.4	0.024	0.05	1.3	38	0.2	62
1151061	0.34	241	1	0.005	18.6	0.03	17.6	0.025	0.9	1.2	0.8	12	0.1	4.6	0.024	0.05	1.1	33	0.2	55
1151062	0.39	398	0.8	0.006	25.1	0.041	15.5	0.025	1.1	1.6	0.25	11	0.1	6.2	0.031	0.05	1.2	31	0.2	61
1151063	0.31	241	0.9	0.004	16	0.027	14.3	0.025	0.8	1.2	0.25	8	0.1	2	0.035	0.05	0.6	41	0.2	47
1151064	0.4	468	0.8	0.005	25.4	0.038	14.8	0.025	0.7	1.6	0.25	10	0.1	4.3	0.028	0.05	1.4	33	0.2	56
1151065	0.39	506	0.8	0.005	29.7	0.046	16.9	0.025	0.8	1.4	0.25	11	0.1	5.7	0.028	0.05	1.2	31	0.3	60
1151066	0.38	488	0.8	0.005	27.7	0.037	21.8	0.025	0.9	1.4	0.25	10	0.1	4.4	0.025	0.05	1.2	30	0.2	59
1151067	0.34	337	0.7	0.004	20.3	0.046	20.2	0.025	0.6	0.9	0.25	8	0.1	4.8	0.024	0.05	1.3	30	0.2	49
1151068	0.32	301	0.8	0.005	19.8	0.037	20	0.025	0.9	1.1	0.25	9	0.1	3.6	0.024	0.05	1	35	0.2	53
1151069	0.29	248	1	0.004	14.4	0.027	17.3	0.025	0.9	1.2	0.6	8	0.1	2.4	0.033	0.1	0.7	41	0.2	43
1151070	0.35	431	1	0.006	21.7	0.048	18.5	0.025	0.9	1.3	0.6	11	0.1	3.6	0.032	0.05	1	38	0.2	60
1151071	0.28	228	1	0.004	13	0.032	15.5	0.025	0.8	1	0.25	8	0.1	2.2	0.032	0.05	0.7	42	0.2	38
1151072	0.36	1730	0.6	0.004	76.9	0.025	34.2	0.025	1.1	1.4	0.25	9	0.1	11.2	0.025	0.2	2.3	18	0.4	89
1151073	0.3	257	0.9	0.005	26	0.022	20.9	0.025	0.8	1.4	0.25	9	0.1	7.2	0.026	0.1	1	35	0.2	54
1151074	0.32	375	1.2	0.005	31.7	0.034	16	0.025	0.9	1.4	0.25	10	0.1	2.6	0.03	0.1	0.8	38	0.2	61
1151075	0.41	425	0.9	0.005	19.8	0.059	14.6	0.025	0.7	1.5	0.25	16	0.1	4.6	0.027	0.05	1.5	31	0.2	63
1151076	0.39	181	0.8	0.006	16.1	0.051	21.2	0.025	0.6	1	0.25	16	0.1	2.1	0.012	0.05	2	22	0.1	51
1151077	0.39	231	0.8	0.004	16.9	0.049	18.5	0.025	0.5	1	0.25	15	0.1	2.4	0.014	0.05	1.7	22	0.1	53
1151078	0.35	247	0.9	0.004	16.3	0.05	15.9	0.025	0.7	1.1	0.25	14	0.1	1.9	0.019	0.05	1.2	26	0.1	52
1151079	0.34	227	0.9	0.005	16.4	0.057	11.2	0.025	0.8	1.1	0.25	16	0.1	2.2	0.029	0.05	1.1	31	0.3	51
1151080	0.38	420	0.8	0.006	21.1	0.057	18.8	0.06	0.4	1.5	0.5	49	0.1	5.1	0.011	0.05	3.5	22	0.1	48
1151081	0.56	425	0.8	0.005	25.8	0.06	21.3	0.025	0.8	1.8	0.25	21	0.1	10.6	0.032	0.05	1.7	28	0.3	73
1151082	0.37	240	0.8	0.004	17.7	0.051	33.4	0.025	0.9	0.9	0.25	12	0.1	2.1	0.012	0.1	1.8	24	0.1	57
1151083	1.23	605	0.7	0.003	130	0.07	46.1	0.025	2.5	5.9	0.25	42	0.1	14	0.007	0.1	2.6	45	0.05	92
1151084	0.69	351	1.1	0.005	33.8	0.06	37.5	0.025	1	2.4	0.25	24	0.1	9.3	0.024	0.2	3	31	0.3	91
1151085	0.69	229	1	0.01	38.8	0.067	35.9	0.025	1.1	3.7	0.25	31	0.1	9.7	0.05	0.2	3	43	0.2	103
1151086	0.68	373	1.2	0.005	27.3	0.052	41.1	0.025	0.9	2.2	0.25	23	0.1	12.6	0.028	0.05	2.4	29	0.2	87
1151087	0.5	270	1.1	0.006	24	0.056	29.4	0.025	0.9	2.1	0.25	20	0.1	9.4	0.026	0.05	2	31	0.2	82
1151088	0.45	298	1.2	0.006	24.6	0.069	18.8	0.025	0.9	1.8	0.25	20	0.1	5.6	0.035	0.05	1.5	33	0.3	78
1151089	0.41	295	0.8	0.005	19.2	0.054	21.1	0.025	0.6	1.5	0.25	15	0.1	3.8	0.021	0.05	1.7	28	0.2	63
1151090	0.39	267	0.9	0.005	22.8	0.057	23.6	0.025	0.9	1.4	0.25	17	0.1	5.7	0.013	0.05	1.5	25	0.2	60
1151091	0.32	227	1	0.004	14.1	0.038	18.2	0.025	0.5	0.9	0.25	12	0.1	4.3	0.016	0.05	1.3	24	0.1	46
1151092	0.41	270	1.1	0.006	15.3	0.046	21.9	0.025	0.7	1.2	0.25	15	0.1	5.3	0.024	0.05	1.4	30	0.2	57
1151093	0.34	236	0.9	0.004	18.7	0.051	14.8	0.025	0.7	1.1	0.25	13	0.1	2.2	0.017	0.05	1.2	29	0.2	53
1151094	0.34	308	1.1	0.006	20.3	0.055	15.9	0.025	0.7	1.6	0.25	17	0.1	1.8	0.025	0.05	1.6	31	0.2	63
1151095	0.37	210	0.9	0.005	18.5	0.055	27.2	0.025	0.7	1.4	0.25	14	0.1	2.9	0.023	0.05	1.3	30	0.2	64
1151096	0.56	334	1	0.004	24.6	0.048	40.3	0.025	0.9	2	0.25	23	0.1	13.2	0.038	0.1	1.6	26	0.2	90
1151097	0.76	593	1.5	0.006	29.8	0.06	61.6	0.025	1.2	2.8	0.25	26	0.1	15	0.066	0.2	2.8	38	0.2	118
1151098	0.5	223	1	0.01	21.4	0.06	64.6	0.025	0.8	2.1	0.25	25	0.1	5.3	0.032	0.1	1.6	38	0.2	107
1151099	0.44	300	0.7	0.008	19.5	0.048	48.2	0.025	0.7	2	0.25	17	0.1	3.8	0.02	0.05	1.2	30	0.2	96
1151100	0.37	267	0.9	0.004	17	0.048	18.6	0.025	0.6	1.5	0.25	13	0.1	2.6	0.027	0.05	0.8	29	0.2	63
1151101	0.46	351	0.9	0.004	24.7	0.052	30.8	0.025	1.2	2.2	0.25	18	0.1	9	0.037	0.05	1.1	24	0.1	80

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1151102	418086	7087822	8N	0.1	0.94	7.7	2.4	1	151	0.2	0.15	0.3	7	19	19	1.94	3	0.02	0.03	16
1151103	418174	7087873	8N	0.1	0.99	7.1	3.3	1	131	0.2	0.09	0.2	5.5	19	17	1.98	3	0.03	0.03	17
1151104	412322	7086091	8N	0.1	1.95	15	3.3	1	314	0.3	0.19	0.2	24.3	38	48.2	2.98	5	0.03	0.37	18
1151105	412309	7086043	8N	0.1	0.98	13.4	1.8	2	133	0.2	0.11	0.6	22.1	16	53.3	3.3	3	0.02	0.1	34
1151106	412294	7085995	8N	0.05	1.01	12.3	13.5	1	62	0.3	0.06	0.3	13.5	19	29.8	2.83	3	0.05	0.09	22
1151107	412276	7085949	8N	0.2	1.31	11.6	3.1	1	100	0.4	0.08	0.5	17.6	22	35.9	3.21	4	0.04	0.16	26
1151108	412264	7085900	8N	0.5	1.41	9	1.1	0.5	97	0.5	0.07	0.4	14	25	40.9	3.34	5	0.04	0.23	27
1151109	412246	7085854	8N	0.8	0.42	97.1	5.9	0.5	86	1	0.05	2.7	24.8	6	57.6	2.99	0.5	0.04	0.09	34
1151111	412230	7085807	8N	0.3	1.07	31.5	2.2	0.5	99	0.4	0.09	0.5	12.8	20	34.6	2.98	3	0.03	0.08	25
1151112	412217	7085759	8N	0.4	1.12	35.5	2.7	1	130	0.5	0.07	0.4	10	25	30	2.79	4	0.03	0.09	23
1151113	412203	7085709	8N	0.1	1.28	34.5	2.1	1	114	0.4	0.06	0.3	10.2	26	28.9	2.75	4	0.03	0.08	20
1151114	412187	7085663	8N	0.1	1.2	29.3	3.3	0.5	130	0.3	0.05	0.3	9.9	31	26.3	2.34	4	0.03	0.06	16
1151115	412163	7085618	8N	0.1	1.32	23	2.7	0.5	111	0.3	0.06	0.4	9.2	26	26.9	2.63	4	0.03	0.08	20
1151116	412132	7085576	8N	0.2	1.21	10.4	1.8	0.5	79	0.2	0.1	0.3	7.4	21	20.7	2.25	4	0.03	0.05	18
1151117	412109	7085531	8N	0.2	1.08	10	0.6	1	110	0.2	0.11	0.4	6.9	18	23.3	2.14	3	0.03	0.06	20
1151118	412084	7085489	8N	0.2	1.13	7.7	18	0.5	85	0.3	0.11	0.1	4.6	19	12.9	1.96	4	0.02	0.05	15
1151119	412046	7085455	8N	0.05	1.1	8.2	1.4	0.5	80	0.2	0.11	0.3	6.2	20	21	2.05	3	0.03	0.06	17
1151120	412037	7085406	8N	0.05	1.33	10.6	1.2	0.5	112	0.3	0.06	0.1	10.6	23	25.8	2.48	4	0.02	0.1	26
1151121	412022	7085357	8N	0.1	1.41	9.9	4.5	0.5	149	0.4	0.04	0.2	10.8	23	34.4	2.95	4	0.02	0.13	38
1151122	411998	7085313	8N	0.05	1.39	10.6	2.4	0.5	140	0.3	0.06	0.3	11	24	29.4	2.65	4	0.02	0.1	27
1151123	411989	7085262	8N	0.05	1.23	10.4	0.8	0.5	71	0.2	0.04	0.1	5.7	21	18.6	2.3	4	0.02	0.09	22
1151124	411978	7085213	8N	0.05	1.4	10.7	0.25	0.5	89	0.3	0.04	0.1	6.3	22	21.2	2.33	4	0.02	0.11	26
1151125	411985	7085164	8N	0.05	1.46	9.2	2.5	0.5	109	0.3	0.03	0.1	7.7	22	23.3	2.39	4	0.03	0.1	26
1151126	411993	7085115	8N	0.05	1.68	9.7	1.8	0.5	122	0.3	0.03	0.1	8.2	24	26.3	2.64	5	0.02	0.1	28
1151127	411989	7085065	8N	0.05	1.52	8.5	1.8	0.5	116	0.3	0.04	0.1	6.8	21	23.3	2.24	4	0.03	0.09	24
1151128	411989	7085066	8N	0.05	1.49	9.6	2.9	1	119	0.3	0.03	0.2	7.6	22	27.5	2.48	4	0.03	0.08	22
1151129	411974	7085016	8N	0.05	1.49	10.6	1.9	2	182	0.3	0.04	0.1	8.8	25	29.1	2.53	4	0.04	0.07	22
1151130	411983	7084966	8N	0.05	1.36	11.6	2.7	1	187	0.2	0.1	0.2	9.4	23	31.5	2.49	3	0.03	0.05	16
1151131	411989	7084917	8N	0.05	1.33	9.6	2.6	0.5	116	0.2	0.04	0.1	7.2	23	24.6	2.17	4	0.04	0.04	16
1151132	411984	7084867	8N	0.05	1.03	7.4	23.9	2	79	0.2	0.14	0.2	5.1	20	17.4	1.78	3	0.04	0.03	13
1151133	411982	7084817	8N	0.05	1.06	10.7	11.1	0.5	76	0.2	0.13	0.2	5.4	20	19.9	1.91	3	0.04	0.03	13
1151135	411985	7084766	8N	0.05	1.22	14.5	5.1	2	81	0.2	0.08	0.1	6.1	24	15.3	2.37	4	0.03	0.03	10
1151136	411989	7084710	8N	0.05	1.18	20	6.3	0.5	146	0.3	0.13	0.3	9.5	27	25.1	2.56	4	0.03	0.05	15
1151137	411993	7084661	8N	0.05	1.28	14	6.6	1	229	0.3	0.14	0.05	9.1	26	19	2.53	5	0.04	0.04	10
1151138	411992	7084612	8N	0.1	1.03	20.4	14.5	0.5	128	0.3	0.17	0.3	9.9	28	28.9	2.56	3	0.06	0.06	15
1151139	412003	7084563	8N	0.1	1.5	15.3	3.6	1	233	0.5	0.13	0.2	12	28	30	3.09	4	0.04	0.05	15
1151140	413520	7083669	8N	0.05	0.87	9.6	0.7	1	58	0.1	0.18	0.4	8.4	20	21.1	2.06	2	0.03	0.05	15
1151141	413512	7083744	8N	0.05	0.82	9.3	1.2	1	56	0.2	0.05	0.05	3.9	18	8.2	1.83	5	0.05	0.05	14
1151142	413516	7083819	8N	0.05	1.26	10.5	4	0.5	66	0.2	0.07	0.05	6.7	23	12.6	2.36	4	0.03	0.04	15
1151143	413492	7083891	8N	0.05	1.05	11	1.2	0.5	51	0.3	0.06	0.1	7.4	21	15.7	2.6	4	0.01	0.05	15
1151144	413475	7083965	8N	0.05	1.22	9.5	1	0.5	69	0.2	0.07	0.1	6.5	23	18.4	2.26	4	0.05	0.06	18
1151145	413457	7084039	8N	0.05	0.87	9.3	3.6	0.5	55	0.2	0.15	0.2	9.7	17	21.2	1.98	2	0.02	0.07	20
1151146	413428	7084109	8N	0.05	1.01	9.7	1.7	0.5	65	0.2	0.13	0.2	10.6	22	23.8	2.21	3	0.03	0.06	20
1151147	413399	7084178	8N	0.05	1.36	10.2	2.5	0.5	86	0.2	0.09	0.2	7.7	28	21.3	2.56	5	0.05	0.06	17
1151148	413374	7084249	8N	0.05	1.27	9.4	2.3	0.5	75	0.2	0.08	0.05	7.3	29	20.1	2.52	4	0.03	0.06	18
1151149	413427	7084386	8N	0.05	0.77	5.8	2.5	0.5	67	0.5	0.03	0.4	22.8	13	61.8	5.03	3	0.01	0.11	42

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1151102	0.37	337	0.8	0.004	17.7	0.049	14.6	0.025	0.6	1.6	0.25	14	0.1	3	0.024	0.05	0.8	26	0.2	64
1151103	0.35	268	0.9	0.004	14.9	0.051	15	0.025	0.5	1.2	0.25	11	0.1	1.4	0.012	0.05	1	27	0.2	57
1151104	0.67	421	0.7	0.009	49.7	0.064	18	0.025	1.7	2.6	0.25	81	0.1	7.5	0.039	0.3	1.1	36	0.1	82
1151105	0.27	1012	0.9	0.004	54.9	0.048	23.5	0.025	1.4	1.7	0.25	22	0.1	8.2	0.011	0.1	2.2	24	0.1	119
1151106	0.32	426	1	0.004	21.9	0.044	27.3	0.025	1.4	1.5	0.25	12	0.1	7.3	0.026	0.1	1.1	34	0.3	67
1151107	0.44	637	1.1	0.005	28	0.059	34.7	0.025	1.4	1.7	0.25	17	0.1	6.5	0.025	0.1	1.3	31	0.2	91
1151108	0.46	539	1.4	0.005	26.4	0.057	49.1	0.025	2.3	1.2	0.6	17	0.1	3	0.021	0.2	1.5	33	0.1	97
1151109	0.05	1203	0.7	0.003	57.1	0.038	92.9	0.025	8.1	3.3	0.6	12	0.1	11.7	0.001	0.2	3.4	8	0.05	169
1151111	0.31	497	1	0.005	32.8	0.05	32.7	0.025	3.3	1.4	0.6	17	0.1	2.3	0.012	0.1	1.6	28	0.2	104
1151112	0.35	387	0.9	0.006	26.9	0.059	33.3	0.025	2.1	0.9	0.25	14	0.1	0.9	0.012	0.2	1.8	34	0.1	86
1151113	0.39	332	1.1	0.005	25.3	0.048	21.5	0.025	1.9	1.7	0.25	11	0.1	1.8	0.018	0.2	1.4	35	0.2	83
1151114	0.38	350	0.9	0.005	24.3	0.052	21	0.025	1.2	1.3	0.5	10	0.1	1.1	0.018	0.2	1.3	36	0.2	62
1151115	0.43	299	0.9	0.004	24.1	0.043	26.5	0.025	1.5	1.6	0.5	11	0.1	2.4	0.025	0.2	1.2	36	0.2	75
1151116	0.37	204	1	0.005	21.3	0.054	21.8	0.025	1	1.2	0.7	11	0.1	1.9	0.015	0.1	1	30	0.1	69
1151117	0.37	227	0.7	0.005	20	0.05	21.4	0.025	1.2	2.2	0.25	11	0.1	4.1	0.026	0.05	1.3	29	0.2	65
1151118	0.36	163	0.6	0.004	16	0.038	16.8	0.025	0.6	1	0.25	12	0.1	1	0.01	0.1	1	28	0.1	54
1151119	0.34	171	0.8	0.004	18.6	0.05	15.9	0.025	0.9	1.5	0.6	11	0.1	2.7	0.024	0.1	1	28	0.2	56
1151120	0.42	262	0.9	0.005	23.4	0.036	19.6	0.025	1.2	1.7	0.25	14	0.1	5.4	0.025	0.1	1.4	27	0.1	70
1151121	0.53	283	0.8	0.006	25.4	0.036	27.5	0.07	1.6	2.3	0.25	16	0.1	11.6	0.029	0.2	1.9	24	0.05	80
1151122	0.42	328	0.8	0.005	23.9	0.045	20.5	0.025	1.2	2.3	0.25	14	0.1	7	0.031	0.1	1.5	29	0.1	70
1151123	0.37	166	0.7	0.004	16	0.027	18.5	0.025	0.9	1.4	0.25	10	0.1	4.6	0.021	0.1	0.8	28	0.2	55
1151124	0.39	179	0.9	0.005	16.5	0.042	21.7	0.025	1	1.5	0.25	12	0.1	3.6	0.018	0.2	1	27	0.1	57
1151125	0.41	203	0.8	0.004	18.7	0.031	22.6	0.025	0.9	1.7	0.25	12	0.1	4.2	0.017	0.2	1.2	26	0.1	60
1151126	0.41	206	1	0.004	20.4	0.033	23.8	0.025	1	2.1	0.25	12	0.1	6.9	0.023	0.2	1.2	30	0.1	67
1151127	0.37	172	0.8	0.003	18.6	0.029	20.2	0.025	1	1.9	0.7	10	0.1	4.8	0.026	0.2	1.1	31	0.1	62
1151128	0.4	171	0.9	0.004	19.6	0.03	21.8	0.025	1	1.8	0.25	10	0.1	5.2	0.028	0.1	1.2	33	0.1	68
1151129	0.42	215	1	0.004	20.8	0.029	23	0.025	1.1	2.5	0.6	11	0.1	4.7	0.025	0.1	1.4	35	0.1	67
1151130	0.39	295	1	0.005	23.8	0.059	16.2	0.025	1	2.9	0.25	12	0.1	3.2	0.028	0.1	1.2	37	0.2	67
1151131	0.31	175	0.8	0.003	18.8	0.033	15.1	0.025	1.5	2.2	0.25	6	0.1	1.5	0.022	0.1	1.2	39	0.2	53
1151132	0.28	145	0.7	0.004	14.4	0.067	10.4	0.025	1	1.2	0.25	11	0.1	1.8	0.02	0.05	0.8	34	0.4	47
1151133	0.3	166	0.8	0.004	14.8	0.067	10.8	0.025	1.1	1.4	0.25	10	0.1	2.1	0.022	0.05	0.9	34	0.4	50
1151135	0.35	235	1	0.005	15.2	0.047	14.1	0.025	1.3	1.1	0.25	8	0.1	0.9	0.017	0.05	0.8	42	0.3	53
1151136	0.43	381	1.1	0.004	22.7	0.074	15.3	0.025	2.4	2.2	0.25	15	0.1	2.5	0.026	0.1	1.1	45	0.4	70
1151137	0.36	551	1.3	0.006	17.6	0.073	17.7	0.025	1.2	1.1	0.25	18	0.1	0.6	0.016	0.1	1	47	0.3	54
1151138	0.36	349	1.3	0.004	25.1	0.092	19.7	0.025	2.7	2	0.25	18	0.1	3.2	0.025	0.1	1.1	45	0.6	77
1151139	0.44	570	1.3	0.005	22.8	0.079	30.3	0.025	2.1	2	0.25	16	0.1	1.8	0.02	0.1	1.3	49	0.4	75
1151140	0.3	353	0.9	0.004	24	0.082	11.9	0.025	1.4	1.7	0.8	12	0.1	3.8	0.029	0.05	0.7	26	0.3	68
1151141	0.18	135	0.9	0.004	9.3	0.046	13	0.025	0.6	0.9	0.9	6	0.1	0.6	0.02	0.1	0.5	39	0.2	36
1151142	0.26	256	1	0.003	12.3	0.041	14.3	0.025	0.6	1.5	0.6	7	0.1	1.1	0.018	0.1	0.6	36	0.2	42
1151143	0.28	348	0.9	0.004	14	0.044	19.9	0.025	0.6	1.4	0.25	7	0.1	2.1	0.02	0.1	0.7	33	0.2	50
1151144	0.3	237	0.7	0.003	16.2	0.041	14.2	0.025	0.7	1.7	0.5	7	0.1	2.4	0.027	0.1	0.8	35	0.2	52
1151145	0.31	309	0.5	0.007	21.6	0.071	17	0.025	0.6	1.5	0.25	13	0.1	5.3	0.025	0.05	0.9	23	0.3	65
1151146	0.33	357	0.8	0.004	22.9	0.07	12.6	0.025	1.5	1.8	0.25	11	0.1	3.5	0.029	0.05	1	30	0.3	63
1151147	0.39	263	1	0.005	20.2	0.054	15.3	0.025	1	2	0.25	10	0.1	2.1	0.024	0.1	1.1	42	0.3	62
1151148	0.39	237	0.9	0.005	19.8	0.046	12.5	0.025	1.2	1.9	0.25	8	0.1	2.3	0.025	0.05	0.8	36	0.2	54
1151149	0.19	1604	1.4	0.003	31.9	0.093	34.9	0.025	1.7	0.7	0.25	11	0.1	3.8	0.004	0.1	1.5	14	0.05	89

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1151150	413471	7084448	8N	0.1	0.92	7.9	1.3	2	85	0.2	0.06	0.1	6.3	18	13.9	2.13	4	0.04	0.08	15
1151151	413463	7084523	8N	0.05	1.42	11.1	5.9	0.5	85	0.2	0.08	0.1	9.6	28	25.4	2.53	4	0.03	0.05	15
1151152	413470	7084599	8N	0.05	1.82	11.8	2.1	2	112	0.2	0.08	0.4	14.2	61	35	5.12	8	0.02	0.29	26
1151153	413473	7084674	8N	0.05	1.35	9.6	2.2	2	118	0.2	0.47	0.3	11	34	22.7	2.99	4	0.04	0.11	21
1151154	413484	7084724	8N	0.1	2.8	17	3.5	0.5	182	0.05	0.32	0.6	31	80	98.1	5.89	8	0.02	0.22	16
1151155	413494	7084774	8N	0.3	1.3	64.9	16.5	2	139	0.3	0.2	0.7	14.5	47	24.8	3.42	4	0.02	0.12	43
1151156	413477	7084822	8N	0.05	1.73	13.6	2.1	2	176	0.5	0.22	0.2	11.9	43	15.3	3.78	7	0.02	0.14	59
1151157	413471	7084872	8N	0.05	1.15	11	3.9	1	154	0.4	0.2	0.4	9.4	25	19.5	2.77	4	0.01	0.13	42
1151158	413482	7084922	8N	0.1	1.95	8.5	19.3	0.5	525	0.2	0.78	0.3	14	18	22.9	5.5	9	0.03	0.9	24
1151159	413490	7084972	8N	0.05	1.49	10.8	9	1	155	0.3	0.23	0.3	9.4	32	17.8	2.92	5	0.03	0.12	28
1151160	413491	7085022	8N	0.1	1.13	13.2	2.1	1	213	0.2	0.39	0.3	7.9	34	14.1	3.53	5	0.04	0.07	34
1151161	413489	7085072	8N	0.9	0.97	156.7	25.9	3	383	0.2	2.05	4	16.4	33	18.9	8.48	5	0.08	0.11	112
1151162	413558	7085141	8N	0.2	1.13	40.3	2.7	2	291	1.2	0.86	0.6	12	39	19.2	4.72	6	0.02	0.37	146
1151163	413597	7085175	8N	0.4	1.98	12.3	11.2	2	814	1	0.53	0.2	18.2	72	38.9	5.4	8	0.06	0.57	445
1151164	404113	7074956	8N	2.9	1.5	561.6	22.5	1	55	1.1	0.16	8.6	24.5	21	36.2	4.14	4	0.005	0.12	39
1151165	404096	7074910	8N	3.1	1.23	783	25.6	0.5	101	1.9	0.14	7.1	13	22	39.9	3.06	4	0.04	0.08	22
1151166	404070	7074867	8N	0.8	1.34	205.5	12.3	1	120	0.5	0.11	2.2	11.1	24	23.3	2.77	4	0.04	0.05	19
1151167	404035	7074832	8N	5	1.65	398.3	9.5	0.5	111	2	0.07	2.1	12.4	24	25.4	3.01	4	0.07	0.05	15
1151168	404002	7074794	8N	0.6	1.28	68.6	5.7	2	68	0.3	0.08	0.5	6.4	23	15.4	2.47	4	0.07	0.04	15
1151169	403978	7074751	8N	2.4	1.55	341.6	16.4	0.5	132	1	0.16	3.4	19.7	22	50.4	3.75	5	0.02	0.08	40
1151170	403961	7074705	8N	1.5	1.39	271.9	10.8	2	174	0.7	0.22	1.5	16.6	25	32.1	2.87	4	0.04	0.07	20
1151171	403941	7074659	8N	0.2	1.47	230.9	4.8	2	146	0.6	0.17	0.3	12.1	27	25.4	2.86	5	0.04	0.09	18
1151172	403915	7074616	8N	0.1	1.27	157	4.3	1	125	0.4	0.12	0.2	9.6	24	21.8	2.58	4	0.03	0.06	18
1151173	403887	7074573	8N	0.2	1.23	160.5	10	1	97	0.4	0.13	0.1	8.1	23	21.9	2.42	4	0.04	0.05	17
1151174	403853	7074536	8N	0.3	1.81	118	5.9	1	183	0.4	0.27	0.2	9.6	28	27.5	2.53	5	0.03	0.2	19
1151176	403822	7074496	8N	0.2	1.84	119.3	7.6	2	192	0.5	0.28	0.4	10.7	29	22.9	2.49	6	0.03	0.15	16
1151177	403802	7074450	8N	0.2	1.69	111.1	119.3	2	171	0.5	0.27	0.2	12.6	28	27.6	2.43	5	0.03	0.11	17
1151178	403794	7074400	8N	0.1	1.14	40.5	6.1	2	125	0.4	0.21	0.2	8	21	18.6	2.09	4	0.03	0.08	12
1151179	403784	7074350	8N	0.05	1.43	57	2.8	0.5	110	0.6	0.13	0.2	16.4	22	29.1	2.37	4	0.02	0.09	19
1151180	403779	7074300	8N	0.2	1.36	51.4	5.8	0.5	98	0.6	0.13	0.2	21.4	22	38.8	2.47	4	0.03	0.09	27
1151181	403781	7074250	8N	0.2	1.46	43.9	8	1	83	0.4	0.08	0.2	12.5	25	30.9	2.77	4	0.05	0.05	19
1151182	403774	7074200	8N	1.9	1.56	33.1	3.4	1	61	0.4	0.14	1.6	14.8	26	50.1	3.16	4	0.05	0.04	19
1151183	403770	7074150	8N	0.2	1.47	21	2	2	116	0.3	0.08	0.6	9.7	23	16.2	2.81	4	0.04	0.04	12
1151184	403757	7074102	8N	1	1.47	69	5.6	2	114	0.5	0.11	1.8	10.2	26	35.4	2.87	4	0.03	0.06	17
1151185	403748	7074053	8N	0.5	1.42	40.1	5.2	0.5	120	0.4	0.12	1.6	13.3	24	30.3	2.86	5	0.04	0.09	19
1151186	403737	7074003	8N	0.4	1.69	57	3.9	1	145	0.5	0.09	1.3	20	28	35	3.49	6	0.02	0.14	21
1151187	403734	7073952	8N	0.4	1.59	81.2	2.4	0.5	152	0.5	0.13	1	12.5	24	27.3	2.89	5	0.04	0.14	20
1151188	403724	7073904	8N	0.2	1.52	50	3.6	1	164	0.4	0.13	0.7	11.2	25	22	2.66	5	0.03	0.13	17
1151189	403706	7073856	8N	0.2	1.69	31	3	2	128	0.3	0.11	0.5	10.4	28	16.4	2.76	5	0.06	0.11	17
1151190	403712	7073806	8N	0.1	1.75	49.3	3.6	1	123	0.5	0.1	0.4	8.7	27	18	2.69	5	0.03	0.13	17
1151191	403716	7073757	8N	0.05	1.44	26	3.8	1	92	0.4	0.07	0.2	6.2	26	11.8	2.36	5	0.04	0.07	15
1151192	403703	7073708	8N	0.05	1.61	27.3	3.4	1	128	0.3	0.11	0.3	11	25	20.4	2.36	4	0.04	0.05	14
1151193	403700	7073658	8N	0.1	1.43	33.4	20.4	1	114	0.3	0.16	0.4	13.3	25	18	2.46	4	0.03	0.08	17
1151194	402023	7076412	8N	0.4	0.77	275.8	8.6	1	64	0.4	0.07	0.7	7.1	18	26.5	2.32	2	0.04	0.06	20
1151195	402042	7076457	8N	0.05	0.83	77.6	2.3	0.5	40	0.2	0.05	0.4	5.5	15	15.3	2.21	3	0.03	0.03	11
1151196	402065	7076503	8N	0.5	1.09	161	12.6	0.5	92	0.4	0.05	0.8	4.5	17	23.8	2.24	3	0.05	0.08	17

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1151150	0.23	253	0.8	0.004	13.2	0.028	13.8	0.025	1	1.3	0.25	7	0.1	1.6	0.021	0.05	0.5	35	0.1	41
1151151	0.39	380	0.8	0.003	20.3	0.046	13.1	0.025	1.1	2.4	0.6	8	0.1	2.1	0.028	0.05	0.7	38	0.2	63
1151152	0.92	566	1.6	0.006	30.3	0.069	34.4	0.11	2.5	6.3	0.25	17	0.1	3.9	0.122	0.3	0.7	131	0.1	106
1151153	0.58	584	1.8	0.008	24.8	0.064	50.7	0.025	1.4	4	0.7	100	0.1	2.9	0.049	0.1	2.5	60	0.2	162
1151154	1.87	1075	0.6	0.003	60.3	0.054	22.9	0.025	7.1	5.6	0.25	38	0.1	4.5	0.077	0.2	0.7	122	0.1	97
1151155	0.59	1030	3.2	0.006	38.3	0.065	67.1	0.025	13.1	5	0.25	33	0.1	7.2	0.059	0.1	1	52	0.2	117
1151156	0.77	873	10	0.006	23.6	0.051	26.8	0.06	4.5	4	0.25	33	0.2	5.3	0.067	0.2	1.3	72	0.3	87
1151157	0.45	709	2.6	0.006	23	0.076	34.2	0.025	1.8	2.9	0.25	23	0.1	7.5	0.061	0.1	1.1	50	0.3	81
1151158	1.17	1071	3	0.01	16.1	0.182	10.5	0.07	1.1	6.4	0.7	139	0.1	4.9	0.233	0.7	1	64	0.5	115
1151159	0.54	698	1.7	0.007	20.7	0.071	16.8	0.025	1.1	3.3	0.25	44	0.1	5.1	0.059	0.1	1.2	67	0.2	80
1151160	0.45	1907	2.5	0.007	20	0.098	22.7	0.025	3	2.9	0.25	98	0.1	5.4	0.045	0.1	1.3	67	0.3	84
1151161	0.47	5514	6.4	0.009	17.6	0.513	316.9	0.26	38.8	2.7	1.6	599	0.7	17.5	0.034	0.2	9.8	67	0.4	338
1151162	0.8	3584	26.8	0.007	18.9	0.093	124	0.11	4	4.6	0.7	137	0.2	13.9	0.059	0.3	1.1	86	0.2	246
1151163	1.55	2721	15.7	0.01	34.7	0.101	117.3	0.025	5.2	10.1	0.5	145	0.4	14.9	0.183	0.4	1.5	127	0.2	235
1151164	0.61	2573	0.4	0.003	50.8	0.041	103	0.025	2.9	2.2	0.25	21	0.1	21.3	0.003	0.2	1.1	13	0.2	570
1151165	0.45	834	0.8	0.005	29.8	0.065	146.7	0.025	2.7	1.4	0.25	18	0.1	6.1	0.015	0.1	1.2	26	0.2	523
1151166	0.37	518	1	0.005	25.3	0.049	42.5	0.025	0.9	1.6	0.25	13	0.1	3.7	0.022	0.1	0.9	38	0.4	255
1151167	0.4	567	0.9	0.005	23.2	0.047	155.2	0.025	1.3	1.6	0.6	14	0.1	3.1	0.017	0.1	1	39	0.2	277
1151168	0.27	371	1.1	0.005	14.2	0.065	26.4	0.025	0.6	0.5	0.25	9	0.1	0.3	0.012	0.1	0.7	41	0.2	74
1151169	0.71	1125	0.8	0.003	41.8	0.056	53	0.025	1.4	2.3	0.25	30	0.1	13.4	0.009	0.1	2.2	22	0.1	319
1151170	0.51	948	0.9	0.007	33.5	0.065	116	0.025	1	2	0.25	23	0.1	3.8	0.024	0.1	1.7	35	0.3	196
1151171	0.52	569	0.8	0.009	24.9	0.06	26.1	0.025	0.7	1.8	0.25	19	0.1	2.3	0.026	0.2	1.3	39	0.3	87
1151172	0.45	396	0.8	0.006	21.2	0.048	14.1	0.025	0.7	1.7	0.25	14	0.1	2.9	0.026	0.1	1.2	37	0.3	64
1151173	0.42	310	0.7	0.005	18.2	0.056	14	0.025	0.6	1.6	0.25	13	0.1	2.3	0.026	0.05	1.3	37	0.3	60
1151174	0.84	446	0.8	0.019	24.3	0.071	10.4	0.025	0.6	2.7	0.25	26	0.1	5	0.054	0.2	1.4	50	0.3	72
1151176	0.84	408	0.7	0.016	23.2	0.05	13	0.025	0.5	2.4	0.25	25	0.1	4.5	0.045	0.2	1.1	43	0.3	76
1151177	0.69	338	0.6	0.011	23.9	0.063	11.7	0.025	0.6	2.6	0.5	22	0.1	5	0.045	0.2	1.5	40	0.4	70
1151178	0.42	311	0.6	0.008	19.6	0.051	8.7	0.025	0.6	1.7	0.25	18	0.1	3.5	0.034	0.1	0.7	34	0.2	53
1151179	0.56	369	0.7	0.006	28.3	0.045	9.9	0.025	0.6	1.9	0.25	14	0.1	6.2	0.04	0.1	0.9	35	0.3	61
1151180	0.54	400	0.9	0.006	31.6	0.052	10.4	0.025	0.7	1.8	0.25	16	0.1	6.3	0.041	0.1	1.1	35	0.3	66
1151181	0.43	412	1	0.005	24.2	0.039	30.9	0.025	0.7	1.9	0.25	9	0.1	4.1	0.03	0.1	1.1	40	0.3	69
1151182	0.51	507	0.9	0.005	33.2	0.064	626.1	0.025	1.7	1.8	0.7	15	0.1	6.8	0.021	0.05	1.4	34	0.3	300
1151183	0.34	262	0.9	0.005	20.6	0.032	47	0.025	0.7	1.8	0.25	9	0.1	3.9	0.03	0.1	0.6	43	0.2	95
1151184	0.44	389	0.9	0.005	24.2	0.051	258.3	0.025	1.1	2	0.25	14	0.1	6.5	0.029	0.2	1.2	38	0.2	188
1151185	0.43	388	0.9	0.006	26.5	0.053	103.8	0.025	0.7	2	0.9	17	0.1	6.5	0.035	0.2	1.2	36	0.2	143
1151186	0.52	574	0.9	0.006	36.7	0.052	66.1	0.025	0.6	2	0.6	18	0.1	6.3	0.031	0.4	1.3	35	0.2	170
1151187	0.48	403	0.8	0.006	28.3	0.048	38.5	0.025	0.5	2.3	0.9	18	0.1	5.5	0.04	0.3	1.1	33	0.1	119
1151188	0.44	377	0.9	0.006	23.9	0.05	31.5	0.025	0.7	2.2	0.25	18	0.1	4.4	0.04	0.3	0.9	38	0.3	95
1151189	0.41	404	1	0.008	20.1	0.049	25.3	0.025	0.5	2.2	0.6	12	0.1	4.3	0.041	0.2	0.8	44	0.2	73
1151190	0.43	292	1	0.006	21.5	0.044	23.9	0.025	0.5	2.2	0.25	13	0.1	4.8	0.044	0.2	0.9	40	0.2	76
1151191	0.33	201	0.9	0.005	14.3	0.036	17.8	0.025	0.5	1.5	0.25	9	0.1	1.3	0.03	0.2	0.8	40	0.2	50
1151192	0.39	438	0.9	0.006	21.7	0.065	18	0.025	0.7	2.6	0.25	11	0.1	3.8	0.032	0.1	1	38	0.2	77
1151193	0.4	760	0.8	0.006	21.4	0.083	29.9	0.025	0.7	2.5	0.25	15	0.1	4.7	0.045	0.1	0.9	39	0.4	84
1151194	0.19	261	0.9	0.003	19.6	0.046	33.2	0.05	2.2	1.3	0.25	16	0.1	5.3	0.008	0.2	2.2	18	0.2	75
1151195	0.2	212	0.8	0.004	13.7	0.03	14.2	0.025	0.9	1	0.25	6	0.1	2.2	0.017	0.1	0.6	28	0.2	58
1151196	0.23	154	0.7	0.005	14.4	0.067	29	0.08	1	0.8	0.5	11	0.1	1.6	0.006	0.2	1.2	23	0.2	80

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1151197	402086	7076548	8N	0.5	1	253	10	0.5	82	0.5	0.07	0.9	10.8	24	27.6	2.84	3	0.03	0.06	19
1151198	402107	7076594	8N	0.2	1.33	248.1	8.8	0.5	98	0.5	0.13	0.8	13.8	23	28.4	2.88	4	0.04	0.1	18
1151199	402128	7076639	8N	0.2	1.34	163.9	4.9	1	91	0.3	0.14	0.9	19.4	24	33	2.67	4	0.04	0.06	24
1151200	402148	7076685	8N	0.4	1.14	248.4	17.4	0.5	98	0.4	0.08	1.2	18.8	20	37	3.24	4	0.03	0.06	27
1151201	404317	7075177	8N	0.3	1.17	109.7	17.5	2	74	0.7	0.13	1.3	19.2	19	45.9	3.18	3	0.03	0.04	21
1151202	404339	7075221	8N	0.2	1.18	73.4	3.7	2	66	0.4	0.12	0.4	19	19	38.3	2.91	3	0.05	0.08	19
1151203	404359	7075266	8N	0.2	0.98	262.7	9.3	2	88	0.5	0.1	0.3	13.9	15	30.2	2.41	3	0.03	0.08	20
1151204	404400	7075358	8N	0.2	1.45	169.6	0.25	1	62	0.6	0.14	0.7	20.3	24	43.3	3.32	4	0.03	0.07	23
1151205	404422	7075403	8N	0.2	1.4	355.6	4.6	0.5	65	1.3	0.14	0.5	24.4	24	44.8	3.37	4	0.05	0.06	19
1151206	404444	7075449	8N	0.2	1.18	87.4	1.8	1	90	0.4	0.14	0.4	11.9	20	26.3	2.48	3	0.05	0.04	16
1151207	404463	7075495	8N	0.05	1.33	101.7	1.8	0.5	71	0.2	0.11	0.3	10.9	20	23	2.45	4	0.05	0.04	14
1151208	404484	7075540	8N	0.05	1.07	73	4.3	0.5	62	0.2	0.12	0.2	6.7	18	15.9	2.21	3	0.04	0.03	12
1151209	404506	7075585	8N	3.1	0.86	394.4	6.8	0.5	51	4.3	0.08	0.9	7.5	14	99.6	2.7	3	0.05	0.05	18
1151210	404527	7075631	8N	0.2	0.95	92.4	6.4	0.5	77	0.2	0.08	0.4	12.9	16	31.8	2.73	3	0.02	0.07	19
1151211	404548	7075674	8N	0.3	0.99	42.7	0.25	0.5	55	0.2	0.09	0.7	11.4	18	27.5	2.75	3	0.04	0.04	24
1151212	404569	7075719	8N	0.7	0.47	48.9	4.3	0.5	77	0.5	0.03	0.5	13.2	9	38.7	3.89	2	0.02	0.06	36
1151213	404589	7075765	8N	0.6	1.05	21.2	1.2	0.5	49	0.3	0.05	0.2	6.4	17	19.6	2.63	4	0.06	0.03	11
1151214	404610	7075811	8N	0.2	1.07	18.2	0.25	2	39	0.3	0.05	0.2	7.2	18	24.4	2.24	5	0.05	0.03	15
1151215	404632	7075855	8N	2.3	0.82	1476.2	49.1	0.5	95	4.2	0.05	0.8	8.9	11	32.1	2.66	2	0.04	0.08	24
1151216	404653	7075901	8N	0.1	1.33	60.3	1.6	0.5	65	0.3	0.06	0.3	9.2	19	24.1	2.95	4	0.04	0.05	18
1151217	404675	7075946	8N	0.05	1.31	30.8	3.4	0.5	65	0.2	0.07	0.1	7.1	20	17.3	2.32	4	0.04	0.05	17
1151218	404695	7075992	8N	0.05	1.21	19.1	0.25	1	59	0.2	0.07	0.1	6.6	18	16.1	2.27	4	0.03	0.03	14
1151219	404717	7076037	8N	0.1	1.18	22.8	0.25	1	77	0.3	0.1	0.4	12.9	15	25.4	2.89	3	0.03	0.04	23
1151220	404738	7076082	8N	0.05	0.98	30.6	1.4	1	79	0.2	0.09	0.2	5.8	15	14.9	2.05	3	0.04	0.03	13
1151221	404760	7076128	8N	0.1	1.11	59.6	2.8	0.5	123	0.2	0.14	0.3	8.8	16	18.5	2.46	3	0.05	0.04	16
1151222	404781	7076174	8N	0.2	0.93	37.8	1.8	0.5	114	0.2	0.19	0.9	12.5	15	22.5	2.45	3	0.05	0.05	18
1151223	404802	7076219	8N	0.2	1.03	19.1	6.8	0.5	126	0.2	0.18	0.7	9.5	16	19.6	2.5	3	0.05	0.05	20
1151224	404823	7076265	8N	0.05	1.11	28.9	0.25	0.5	147	0.3	0.17	0.2	6.7	17	17.6	2.22	3	0.04	0.05	18
1151225	404843	7076310	8N	0.4	1.09	14.8	0.25	0.5	96	0.8	0.17	2.7	9.4	19	21.5	2.95	4	0.05	0.04	16
1151226	404864	7076356	8N	0.2	0.96	67.2	1.9	0.5	112	0.2	0.27	1.2	9.9	15	21.4	2.8	3	0.05	0.04	17
1151227	404887	7076401	8N	0.2	0.98	38.2	6.8	0.5	131	0.1	0.24	0.6	10.2	14	20.1	2.58	2	0.03	0.06	22
1151228	404907	7076446	8N	2.1	0.72	449.9	51.5	0.5	106	1.9	0.18	25.2	15.5	9	44.1	3.83	2	0.05	0.05	23
1151229	404928	7076492	8N	0.5	1.03	24.2	2.9	0.5	63	0.2	0.12	1.3	6.5	13	15.2	2.22	3	0.04	0.03	12
1151230	404949	7076537	8N	0.9	0.64	260	3	1	60	0.4	0.07	13.5	8	11	15.8	2.36	2	0.04	0.06	21
1151231	405040	7076494	8N	0.9	0.52	25.8	3.4	0.5	50	0.5	0.36	39.2	10.6	8	31.3	3.06	1	0.03	0.07	32
1151232	405062	7076539	8N	0.2	1.03	28.3	3.2	1	71	0.2	0.06	1.2	8	15	16.4	2.33	3	0.04	0.04	13
1151233	405082	7076585	8N	1.1	0.8	47.8	3.6	2	65	1.5	0.29	18.8	11.4	9	18.7	2.54	2	0.03	0.04	16
1151234	405104	7076629	8N	0.5	1.07	57.5	2.3	2	67	0.3	0.08	2.9	18.1	13	28.1	3.1	3	0.02	0.05	26
1151235	405124	7076676	8N	2.8	0.61	112.1	5.9	1	45	0.9	0.13	18.1	18.3	9	35.8	3.94	2	0.04	0.05	22
1151236	405145	7076722	8N	0.2	1.05	32.5	8.4	0.5	82	0.3	0.21	0.8	12.7	18	30.1	3.08	3	0.02	0.04	21
1151238	405166	7076766	8N	0.3	1.16	33.1	5.3	0.5	81	0.3	0.11	0.6	13.6	20	35.1	3.04	3	0.03	0.04	24
1151239	405187	7076812	8N	0.2	1.23	17.1	3	1	87	0.3	0.07	0.9	11.8	20	34.4	2.86	4	0.04	0.04	24
1151240	405208	7076857	8N	0.2	1.11	16.6	8.6	1	61	0.2	0.11	1.3	7.5	21	26.1	2.3	3	0.02	0.04	19
1151241	405230	7076902	8N	0.2	1.05	15.3	1.9	0.5	107	0.2	0.09	1.2	6.3	22	24.9	2.02	4	0.04	0.04	19
1151242	405251	7076948	8N	0.2	0.94	18.7	6	1	76	0.2	0.18	1.6	8.7	18	25	2.18	3	0.03	0.07	24
1151243	405271	7076993	8N	0.3	1.19	10.8	2.9	1	85	0.2	0.13	0.6	8.5	20	27.3	2.26	3	0.03	0.05	25

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1151197	0.25	498	1	0.005	25.5	0.063	39.8	0.06	0.8	1.1	0.7	14	0.1	2.9	0.01	0.1	1.3	24	0.3	120
1151198	0.48	764	1	0.005	29.7	0.068	37.9	0.025	0.8	1.6	0.25	14	0.1	3.9	0.026	0.1	1.4	38	0.4	110
1151199	0.5	820	1.1	0.005	41.5	0.069	19.2	0.05	0.7	1.8	0.25	12	0.1	5.6	0.032	0.1	1.6	37	0.4	112
1151200	0.39	1287	1.1	0.004	37.3	0.063	32.1	0.025	1.2	1.4	0.6	11	0.1	5.1	0.014	0.1	2	26	0.3	140
1151201	0.4	681	1	0.006	37.6	0.058	81.8	0.025	0.9	1.4	1	31	0.1	6.7	0.014	0.05	1.9	21	0.1	107
1151202	0.43	950	0.8	0.005	35.9	0.064	34.1	0.025	0.5	1.4	0.8	20	0.1	7.2	0.01	0.05	1.9	16	0.1	80
1151203	0.35	567	0.6	0.004	27.9	0.057	31	0.025	0.7	1.4	0.9	19	0.1	7.9	0.016	0.05	1.9	20	0.2	65
1151204	0.59	900	1.2	0.007	37.5	0.074	42.1	0.025	0.6	2.1	1.6	17	0.1	8.4	0.016	0.1	2.8	22	0.1	107
1151205	0.56	1007	1	0.007	34.6	0.062	29.8	0.025	0.6	1.5	0.7	19	0.1	9.1	0.011	0.05	2.4	19	0.1	101
1151206	0.38	499	1	0.004	26.2	0.064	14.6	0.025	0.8	1.6	1.2	13	0.1	3.9	0.025	0.05	1.5	33	0.3	71
1151207	0.35	355	1.2	0.004	21.8	0.064	18.5	0.025	0.7	1.2	0.6	11	0.1	1.7	0.02	0.1	1	37	0.2	67
1151208	0.31	286	0.9	0.003	16.6	0.055	24.5	0.025	0.7	1.5	0.6	10	0.1	2.4	0.021	0.1	0.6	33	0.2	51
1151209	0.23	365	0.8	0.003	17.4	0.061	53.9	0.025	1.7	1.1	0.25	11	0.1	5.1	0.013	0.1	1.7	23	0.2	118
1151210	0.32	533	0.6	0.003	26.9	0.047	20.6	0.025	0.7	1	0.25	11	0.1	6.6	0.009	0.05	1.5	18	0.2	86
1151211	0.36	563	0.7	0.002	27.5	0.049	34.5	0.025	0.7	1.6	0.9	8	0.1	7.6	0.013	0.05	1	22	0.05	122
1151212	0.1	184	1.7	0.001	32.4	0.042	39.7	0.025	1	1.3	1.3	4	0.1	15.5	0.001	0.1	1.2	6	0.2	85
1151213	0.24	243	1.1	0.003	15.2	0.034	15.1	0.025	0.9	1.2	0.25	6	0.1	2.3	0.02	0.05	0.7	37	0.2	53
1151214	0.23	327	1.4	0.004	14.5	0.051	17.9	0.025	0.6	0.9	1	6	0.1	1.7	0.018	0.05	0.9	39	0.2	55
1151215	0.22	460	0.8	0.003	18.2	0.027	146.3	0.025	4.2	1.4	0.25	26	0.1	8.7	0.006	0.2	0.8	17	0.2	88
1151216	0.38	331	0.8	0.003	21.1	0.041	30.8	0.025	0.7	1.2	1.1	9	0.1	5.3	0.011	0.05	0.9	24	0.2	57
1151217	0.34	241	0.8	0.008	17.8	0.033	21.1	0.025	0.7	1.4	0.8	8	0.1	4.2	0.018	0.05	0.6	31	0.2	50
1151218	0.34	223	0.5	0.003	17.2	0.038	16.7	0.025	0.5	1.2	1.4	7	0.1	3.3	0.013	0.1	0.5	28	0.1	45
1151219	0.37	446	0.5	0.003	29.8	0.046	33.1	0.025	1.3	1.4	0.25	8	0.1	7.4	0.007	0.05	0.7	18	0.2	87
1151220	0.24	229	0.8	0.004	15.5	0.04	16.3	0.025	0.8	1.1	0.8	8	0.1	1.2	0.014	0.05	0.5	29	0.4	52
1151221	0.28	494	0.7	0.005	25.3	0.043	24.5	0.025	0.8	1.9	1	11	0.1	4.5	0.019	0.05	0.7	28	0.3	56
1151222	0.28	673	0.6	0.004	30.1	0.05	31.2	0.025	1.2	1.6	1.1	17	0.1	5.8	0.012	0.05	0.9	22	0.2	111
1151223	0.26	897	0.6	0.004	25.2	0.06	27.5	0.025	0.6	1.7	2.3	14	0.1	3.5	0.011	0.05	1.1	23	0.2	77
1151224	0.3	343	0.4	0.004	18.2	0.049	19.6	0.025	0.4	1.4	1.8	16	0.1	2.8	0.014	0.05	1.1	26	0.3	63
1151225	0.31	613	0.7	0.004	22.1	0.057	67.8	0.025	0.5	1.6	1.1	13	0.1	2.3	0.016	0.05	0.8	31	0.3	212
1151226	0.3	658	0.6	0.004	27.2	0.04	25.9	0.025	0.7	2.2	2.3	19	0.1	5.1	0.016	0.1	0.8	26	0.2	111
1151227	0.3	745	0.7	0.004	24.9	0.053	29.5	0.025	0.7	2.4	0.8	17	0.1	6.3	0.019	0.1	0.9	25	0.3	74
1151228	0.23	1714	0.7	0.003	36.9	0.048	138.3	0.025	12.1	2.1	0.9	14	0.1	11.6	0.008	0.1	1.2	12	0.2	1444
1151229	0.29	296	0.6	0.003	19.1	0.036	81.8	0.025	0.8	1.6	0.9	10	0.1	3.6	0.017	0.1	0.5	27	0.2	305
1151230	0.17	704	0.8	0.003	19	0.036	131.2	0.025	3.5	1.1	0.9	9	0.1	6	0.011	0.1	0.6	17	0.2	825
1151231	0.08	474	0.3	0.003	29.2	0.063	30.7	0.025	2	1.8	0.25	14	0.1	8.8	0.003	0.1	1.2	9	0.05	3350
1151232	0.23	360	0.8	0.004	20.5	0.028	42.5	0.025	0.8	1.6	0.25	7	0.1	2.5	0.017	0.1	0.6	28	0.1	135
1151233	0.13	758	0.4	0.004	28	0.042	148.8	0.025	0.9	1.8	0.25	17	0.1	4.7	0.007	0.05	0.8	14	0.05	749
1151234	0.32	510	0.6	0.003	27.9	0.035	47.4	0.025	1.6	1.2	0.25	8	0.1	7.5	0.006	0.05	1.3	15	0.05	218
1151235	0.16	1525	0.6	0.003	31.3	0.054	499.3	0.025	7.4	1.9	0.6	14	0.1	10.3	0.006	0.1	1.7	11	0.05	1449
1151236	0.33	834	0.7	0.005	28.1	0.06	38.8	0.025	1.5	2.4	0.25	15	0.1	6.2	0.018	0.05	1.1	24	0.4	126
1151238	0.41	624	1	0.004	30.2	0.062	29.1	0.025	1.1	1.5	0.25	12	0.1	4.2	0.018	0.05	1.2	27	0.1	125
1151239	0.42	589	0.7	0.004	26.3	0.055	18.2	0.025	0.8	1.6	0.25	10	0.1	2.5	0.017	0.05	1	32	0.2	100
1151240	0.37	294	0.8	0.004	21.6	0.065	16.8	0.025	0.6	1.3	0.7	9	0.1	2.4	0.017	0.05	0.8	30	0.4	125
1151241	0.27	307	1.1	0.006	17.5	0.095	24.3	0.09	0.5	0.6	0.6	9	0.1	0.6	0.009	0.1	1	30	0.1	88
1151242	0.31	389	0.5	0.004	20.9	0.069	24.3	0.025	0.5	2	0.25	12	0.1	6.6	0.027	0.05	0.9	26	0.3	138
1151243	0.42	358	0.6	0.005	21.2	0.059	26.5	0.025	0.5	2.7	0.7	10	0.1	7.3	0.03	0.05	1.2	29	0.2	98

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1151244	405292	7077039	8N	0.3	1.28	12.4	5	0.5	74	0.2	0.13	0.8	9.2	20	30.7	2.31	4	0.03	0.04	24
1151245	405335	7077128	8N	0.1	1.65	8.4	0.8	1	125	0.2	0.19	0.4	14.8	65	36	2.97	5	0.02	0.05	24
1151246	405356	7077174	8N	0.1	1.27	12.2	2	0.5	94	0.2	0.14	0.4	9.4	22	22.8	2.33	4	0.05	0.04	21
1151247	405377	7077219	8N	0.2	1.28	12.4	0.25	1	91	0.3	0.12	0.6	8.6	22	22.9	2.34	4	0.03	0.05	23
1151249	405399	7077264	8N	0.1	1.32	11.1	0.25	1	90	0.2	0.11	0.4	10.6	27	24.7	2.54	4	0.03	0.04	23
1151250	405420	7077309	8N	0.1	1.12	18.4	1.3	0.5	49	0.2	0.09	0.3	7	21	20	2.37	3	0.03	0.03	19
1151251	405441	7077356	8N	0.05	1.15	14.6	0.9	0.5	55	0.2	0.08	0.2	7.3	20	19.7	2.23	3	0.02	0.04	18
1151252	405462	7077400	8N	0.2	1.57	53.3	9.3	0.5	90	0.3	0.09	0.4	16.8	25	39.3	3.05	4	0.03	0.05	36
1151253	405484	7077446	8N	0.2	1.17	83.9	15.9	0.5	86	0.3	0.1	1.1	9.4	19	28.6	2.54	3	0.03	0.05	28
1151254	405505	7077491	8N	0.05	1.24	27.7	2.7	0.5	86	0.2	0.1	0.6	8.5	19	22.1	2.37	3	0.04	0.04	21
1151255	405527	7077536	8N	0.1	1.17	30	5	0.5	86	0.3	0.09	0.4	10.4	18	24.5	2.61	3	0.03	0.04	25
1151256	405548	7077581	8N	0.1	1.23	21.5	2.4	1	105	0.3	0.09	0.3	12.7	20	23.2	2.54	3	0.03	0.04	20
1151257	405568	7077628	8N	0.05	1.31	37.6	2.4	2	78	0.2	0.11	0.2	7.9	21	24.5	2.61	4	0.03	0.04	26
1151258	405590	7077673	8N	0.05	1.21	56.7	2.3	1	74	0.2	0.09	0.2	11	20	27	2.53	3	0.04	0.04	18
1151259	405609	7077718	8N	0.05	1.38	41.2	3.6	1	85	0.2	0.1	0.1	7.7	23	26	2.55	4	0.02	0.04	22
1151260	405632	7077763	8N	0.2	1.26	51.5	2	0.5	130	0.2	0.16	0.1	10.2	19	24.7	2.48	3	0.03	0.04	24
1151261	405653	7077809	8N	0.1	1.27	23.4	1.5	1	135	0.2	0.07	0.05	7.8	19	20.3	2.37	4	0.03	0.05	25
1151262	405674	7077854	8N	0.05	1.17	16.7	2.7	0.5	132	0.2	0.09	0.05	5.7	17	14.4	1.95	3	0.03	0.06	19
1151263	402170	7076731	8N	0.2	1.3	96.1	11.6	2	86	0.4	0.07	0.5	8.7	24	22.4	2.56	4	0.03	0.05	14
1151264	402192	7076775	8N	0.2	1.23	85.5	7	1	68	0.3	0.07	0.3	8	27	19.3	2.48	4	0.03	0.05	16
1151265	402213	7076820	8N	0.2	1.25	117.5	6.4	0.5	66	0.4	0.05	0.4	6.4	25	19.4	2.4	4	0.02	0.04	13
1151266	402233	7076866	8N	0.2	1.11	81.7	11.1	2	88	0.3	0.11	0.5	6.7	20	30.9	2.17	3	0.04	0.04	18
1151267	402251	7076910	8N	0.2	1.25	80	2.8	0.5	72	0.3	0.06	0.2	7	24	16.7	2.43	4	0.03	0.04	14
1151268	402273	7076957	8N	0.2	1.13	72.6	13.2	2	66	0.3	0.11	0.3	8.3	22	22.2	2.31	4	0.03	0.04	17
1151269	402316	7077047	8N	0.1	1.14	59.6	3.6	0.5	73	0.3	0.07	0.4	9.6	23	21.9	2.46	4	0.03	0.04	14
1151270	402337	7077091	8N	0.2	1.53	34.6	5	2	90	0.3	0.11	0.2	8.6	29	22.8	2.65	5	0.05	0.05	15
1151271	402359	7077138	8N	0.3	1.1	40	9.2	0.5	66	0.2	0.13	0.3	6.5	21	24.3	1.96	3	0.04	0.03	18
1151272	402380	7077183	8N	0.7	1.2	43	7.4	0.5	84	0.3	0.1	0.4	8.6	21	24.5	2.42	4	0.03	0.03	19
1151273	402401	7077228	8N	0.2	1.21	26.9	3.8	2	58	0.3	0.08	0.2	8.3	24	13.6	2.05	4	0.04	0.04	16
1151274	402423	7077274	8N	0.2	0.91	29.7	28.1	0.5	150	0.2	0.21	0.5	7.8	23	31.1	2.47	3	0.05	0.04	20
1151276	402445	7077319	8N	0.2	0.91	28.2	17.6	0.5	128	0.2	0.22	0.5	7.6	24	29.5	2.45	3	0.06	0.04	22
1151277	402466	7077365	8N	0.2	0.87	28.7	5.9	0.5	117	0.2	0.16	0.4	7.5	20	26.3	2.22	3	0.03	0.04	21
1151278	402530	7077500	8N	0.05	1.11	17.7	2.2	0.5	59	0.2	0.06	0.05	4.2	20	11	2.05	4	0.05	0.05	12
1151279	402549	7077545	8N	0.05	1.36	18.8	6.9	0.5	71	0.2	0.06	0.1	7.4	22	12.6	2.23	4	0.04	0.05	14
1151280	402572	7077591	8N	0.05	1.25	30.8	41.6	2	65	0.3	0.09	0.2	8.8	22	15.9	2.16	4	0.03	0.07	17
1151281	402593	7077635	8N	0.05	1.27	17.4	4.8	1	64	0.4	0.06	0.1	6.5	24	14.6	2.32	4	0.05	0.04	14
1151282	403954	7075348	8N	0.5	1.95	295.3	23.2	1	140	1.3	0.25	1.5	15.4	27	42.5	3.56	6	0.03	0.1	26
1151283	403974	7075392	8N	1.3	1.62	252.3	19.7	0.5	100	2.4	0.28	4.6	12.5	23	46.1	3.37	5	0.03	0.12	25
1151284	403994	7075438	8N	0.4	1.54	146.9	5.4	1	87	1.2	0.08	0.9	10.3	23	27.3	2.98	5	0.05	0.07	18
1151285	404016	7075483	8N	0.3	1.97	216.7	9.3	1	167	0.8	0.23	0.8	13.7	27	34.5	3.24	6	0.04	0.09	18
1151286	404037	7075528	8N	0.2	1.34	125	7.3	0.5	117	0.5	0.16	0.6	12.2	21	27.6	2.5	4	0.02	0.06	17
1151287	404058	7075574	8N	0.2	1.43	138	6.5	0.5	110	0.5	0.12	0.3	9.2	23	25.7	2.27	4	0.03	0.05	17
1151288	404078	7075619	8N	0.3	1.38	169	10.3	0.5	112	0.7	0.21	1.4	10	21	27.5	2.63	4	0.03	0.07	18
1151289	404121	7075709	8N	0.1	1.01	49.1	7.5	0.5	55	0.3	0.07	0.4	11.7	20	17.3	2.5	4	0.06	0.05	14
1151290	404142	7075756	8N	0.2	1	56.8	3.3	0.5	73	0.2	0.13	0.4	8	19	19.9	2.22	3	0.02	0.04	18
1151291	404184	7075847	8N	0.3	1.26	135.7	7.3	0.5	130	0.3	0.21	3.3	9.1	25	21.2	2.59	4	0.03	0.05	18

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1151244	0.42	347	0.8	0.005	22.8	0.067	28.5	0.025	0.6	2.2	0.7	10	0.1	3.9	0.026	0.05	1.3	31	0.3	97
1151245	0.99	563	0.8	0.007	53.5	0.078	16.6	0.025	0.5	3.3	0.25	18	0.1	5.3	0.05	0.1	1	44	0.2	83
1151246	0.44	397	0.8	0.005	21.1	0.063	18.9	0.025	0.5	2	0.25	11	0.1	3.7	0.026	0.05	1	33	0.2	84
1151247	0.44	366	0.8	0.005	22.1	0.055	17.9	0.025	0.6	2.3	0.25	10	0.1	4.5	0.026	0.05	1	32	0.2	96
1151249	0.48	407	0.9	0.004	23.7	0.063	18.2	0.025	0.6	1.8	0.25	10	0.1	2.4	0.026	0.1	1.1	36	0.2	84
1151250	0.34	268	0.6	0.003	17.5	0.054	19.7	0.025	0.6	1.3	0.25	8	0.1	2.2	0.019	0.1	0.8	31	0.2	80
1151251	0.36	293	0.8	0.003	17.5	0.046	14.4	0.025	0.6	1.4	0.6	8	0.1	2.7	0.022	0.05	0.7	31	0.2	59
1151252	0.48	647	0.8	0.004	28.5	0.058	26.4	0.025	1.5	2.5	0.25	10	0.1	5.2	0.018	0.05	1.6	31	0.2	85
1151253	0.34	457	0.7	0.004	28.6	0.05	55.4	0.025	1.9	2.3	0.25	10	0.1	5.5	0.02	0.1	0.9	28	0.1	150
1151254	0.35	308	0.7	0.004	22.2	0.049	27.3	0.025	1.3	2.1	0.8	9	0.1	3.9	0.02	0.05	0.7	30	0.1	99
1151255	0.33	429	0.7	0.004	26.4	0.044	24.9	0.025	1.7	1.6	0.6	8	0.1	4.8	0.017	0.05	0.8	27	0.2	80
1151256	0.33	453	0.8	0.004	25.5	0.054	21.1	0.025	1.1	1.5	0.25	10	0.1	2.4	0.019	0.05	0.7	30	0.2	72
1151257	0.42	262	0.6	0.004	23.1	0.054	16.2	0.025	0.8	1.6	0.25	9	0.1	3.9	0.017	0.05	0.8	29	0.2	59
1151258	0.36	427	0.8	0.004	23.6	0.048	17.3	0.025	0.8	1.5	0.25	8	0.1	3.5	0.018	0.05	0.9	30	0.2	64
1151259	0.45	344	0.8	0.004	21	0.046	13.3	0.025	0.7	1.8	0.25	9	0.1	3	0.02	0.1	0.8	35	0.2	61
1151260	0.35	492	0.5	0.004	26.5	0.047	17.7	0.025	0.6	1.7	0.25	14	0.1	3.2	0.012	0.05	1.2	24	0.1	63
1151261	0.3	429	0.8	0.006	19.2	0.037	19.9	0.025	0.7	2.2	0.25	8	0.1	4.6	0.017	0.1	0.8	31	0.1	51
1151262	0.28	284	0.6	0.004	17.8	0.03	14.4	0.025	0.4	1.4	0.7	9	0.1	2.7	0.015	0.1	0.6	26	0.1	37
1151263	0.39	433	1.1	0.005	19.6	0.057	18.6	0.05	0.8	1.7	0.25	8	0.1	1.8	0.026	0.1	1.1	37	0.3	85
1151264	0.31	367	1	0.004	19.9	0.056	16.7	0.025	0.9	1.4	0.5	8	0.1	1.3	0.019	0.1	1.1	35	0.2	73
1151265	0.34	277	1	0.003	16.8	0.05	19.4	0.05	0.9	1.3	0.7	6	0.1	1.6	0.017	0.1	1.1	36	0.5	68
1151266	0.37	311	0.8	0.004	19.2	0.066	14.5	0.025	0.7	2.3	0.6	9	0.1	4	0.031	0.05	1.4	32	0.7	73
1151267	0.36	338	1	0.004	15.2	0.054	16.4	0.025	0.7	1.2	0.6	7	0.1	1.1	0.018	0.1	0.9	36	0.3	64
1151268	0.38	424	1	0.006	18.8	0.066	15.7	0.025	0.7	1.4	0.7	9	0.1	2	0.023	0.05	1	35	0.5	72
1151269	0.39	419	1.2	0.005	19.5	0.047	18.2	0.025	0.7	1.3	0.6	8	0.1	1.8	0.027	0.05	1	37	0.3	79
1151270	0.47	360	1.3	0.006	21.3	0.063	15.2	0.025	0.6	2	0.7	11	0.1	2	0.036	0.1	1	44	0.3	79
1151271	0.33	277	0.7	0.004	17.5	0.063	12	0.025	0.6	1.8	0.6	9	0.1	4.9	0.03	0.05	1.3	29	0.3	67
1151272	0.33	475	0.8	0.003	19.4	0.06	22.6	0.025	0.5	1.7	0.5	8	0.1	3.1	0.022	0.05	1.2	32	0.3	79
1151273	0.32	327	1.1	0.005	13.6	0.048	14.2	0.025	0.5	1.1	0.25	8	0.1	1.3	0.027	0.05	0.8	44	0.3	50
1151274	0.34	329	0.7	0.007	22.6	0.091	12.5	0.025	0.8	2.8	0.25	15	0.1	6.3	0.038	0.05	1.2	43	0.6	71
1151276	0.34	330	0.7	0.005	22.1	0.097	11.5	0.025	0.8	3	0.25	16	0.1	6.7	0.04	0.05	1.2	43	0.7	66
1151277	0.33	312	0.7	0.004	20.2	0.074	11.4	0.025	0.7	2.1	0.25	12	0.1	5	0.033	0.05	1	36	0.5	65
1151278	0.27	109	0.8	0.005	10.9	0.037	13.2	0.025	0.4	0.8	0.6	6	0.1	0.7	0.015	0.1	0.6	33	0.2	37
1151279	0.31	290	0.9	0.004	12	0.052	14	0.025	0.4	1.4	0.25	6	0.1	1.5	0.022	0.05	0.7	37	0.2	48
1151280	0.33	307	0.8	0.004	16.6	0.049	18.2	0.05	0.5	1.5	0.25	8	0.1	2.8	0.031	0.1	0.8	33	0.3	56
1151281	0.31	226	1	0.003	13.3	0.042	13.6	0.025	0.5	1.2	0.25	6	0.1	1.3	0.023	0.1	0.8	40	0.2	42
1151282	1.3	825	0.9	0.006	34.3	0.059	21.5	0.025	0.7	2.6	0.25	20	0.1	8.9	0.031	0.2	1.9	32	0.2	168
1151283	1.03	692	0.8	0.006	33.1	0.065	38	0.025	0.8	2.4	0.9	20	0.1	10.9	0.028	0.2	1.8	29	0.2	386
1151284	0.51	624	1	0.007	21.6	0.068	30.7	0.025	0.6	1.2	0.8	10	0.1	1.7	0.018	0.2	1.1	35	0.1	163
1151285	1.03	701	0.7	0.008	27.6	0.065	66.5	0.025	0.6	2.3	0.25	20	0.1	3.5	0.032	0.2	1.5	40	0.1	142
1151286	0.52	721	0.6	0.004	21.9	0.07	27.4	0.025	0.6	1.5	0.8	14	0.1	2.6	0.021	0.1	1.2	31	0.2	87
1151287	0.53	253	0.7	0.004	20.6	0.057	31.5	0.025	0.6	1.4	0.25	11	0.1	2.1	0.019	0.1	1.3	37	0.2	81
1151288	0.58	529	0.8	0.004	23.1	0.063	31.9	0.025	0.5	1.6	0.25	16	0.1	3.2	0.019	0.1	1.3	30	0.2	134
1151289	0.31	898	1.2	0.004	18.9	0.079	21.7	0.025	0.5	0.7	0.6	7	0.1	1.1	0.015	0.05	0.7	30	0.2	68
1151290	0.35	355	0.7	0.003	17.7	0.061	16.1	0.025	0.6	1.1	0.25	10	0.1	2.2	0.023	0.05	0.9	30	0.2	73
1151291	0.35	486	0.9	0.004	24.7	0.052	20.3	0.025	0.7	1.3	0.6	16	0.1	1.5	0.013	0.1	1.2	32	0.2	297

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1151292	404204	7075890	8N	0.3	1.15	126.1	3.3	0.5	58	0.4	0.06	0.6	6.5	17	22.9	2.59	4	0.04	0.05	21
1151293	404225	7075937	8N	1	1.11	169.6	5	0.5	65	1.3	0.05	0.9	8.6	18	26.6	2.96	4	0.03	0.05	20
1151294	404246	7075982	8N	0.2	1.2	68	4.2	0.5	74	0.3	0.07	0.9	7.9	21	21.5	2.61	4	0.03	0.04	17
1151295	404268	7076026	8N	0.3	1.1	122.6	7.1	0.5	85	0.3	0.08	1.2	9.2	19	21.6	2.65	4	0.04	0.04	17
1151296	404289	7076072	8N	0.7	0.83	176.2	9.7	0.5	83	0.6	0.14	2	15.2	17	29.3	2.77	3	0.02	0.06	21
1151297	404310	7076117	8N	0.5	1.03	66.3	4.1	0.5	106	0.3	0.1	0.6	7.7	17	22.6	2.2	3	0.02	0.04	19
1151298	404331	7076162	8N	0.1	1.17	44.3	1.9	0.5	151	0.2	0.16	0.3	6.9	19	16.9	2.44	3	0.02	0.04	19
1151300	404353	7076207	8N	0.4	1.11	43.4	9.3	0.5	151	0.4	0.16	0.3	8.6	17	23.3	2.73	3	0.03	0.03	23
1151301	404225	7076875	8N	0.2	0.96	28.3	6.6	0.5	79	0.2	0.12	0.9	8.9	16	29.3	2.25	2	0.04	0.05	28
1151302	404246	7076922	8N	0.3	1.32	33.2	6.1	0.5	71	0.4	0.11	2.3	11.5	20	25.8	2.88	3	0.03	0.06	24
1151303	401929	7076679	8N	0.5	1.33	93.3	5	2	125	0.4	0.08	0.7	10.5	24	29.4	3.07	4	0.04	0.05	18
1151304	401949	7076723	8N	0.6	1.34	111	6.3	1	100	0.3	0.08	0.6	10.7	23	31.8	3.01	4	0.04	0.04	18
1151305	401969	7076768	8N	0.5	1.27	99.7	52.7	1	92	0.4	0.06	0.5	11.8	23	31.3	2.99	4	0.04	0.03	16
1151306	404267	7076968	8N	0.2	1.17	46.1	5.5	0.5	73	0.3	0.07	4.2	14.1	17	24.5	3.05	3	0.03	0.05	24
1151307	404287	7077013	8N	0.5	1.17	25.2	2.6	0.5	60	0.3	0.1	3.3	16.6	17	43.6	3.31	3	0.01	0.05	27
1151308	404309	7077059	8N	0.2	1.22	64.3	8.3	0.5	60	0.5	0.04	1.6	12.1	15	26.7	2.8	3	0.03	0.07	27
1151309	404330	7077108	8N	0.1	1.32	15.8	4.8	0.5	57	0.3	0.09	1.1	7.4	19	17.3	2.54	3	0.03	0.05	20
1151310	404350	7077148	8N	0.05	1.29	12.4	4.3	0.5	79	0.2	0.09	0.6	7.9	22	16.1	2.22	4	0.04	0.04	17
1151311	404371	7077194	8N	0.1	1.23	14.4	3.4	0.5	60	0.2	0.11	0.6	8.4	21	22.8	2.67	4	0.03	0.04	24
1151312	404393	7077240	8N	0.5	1.28	53.2	4.2	0.5	97	0.5	0.2	0.7	19.3	18	41.9	3.63	3	0.02	0.05	57
1151313	404413	7077285	8N	0.2	1.37	51	3.8	0.5	57	0.4	0.1	1.3	15	20	28.8	3.64	4	0.01	0.04	43
1151314	404301	7077281	8N	0.3	1.14	43.5	0.25	1	88	0.3	0.14	0.6	13	16	29.1	2.78	3	0.04	0.04	32
1151315	404322	7077327	8N	0.1	1.38	18.7	5.5	0.5	108	0.4	0.16	0.4	13.1	23	29.5	3.36	4	0.04	0.04	33
1151316	404280	7077236	8N	0.1	1.24	19.9	7.9	0.5	51	0.3	0.1	0.3	6.4	19	22.1	2.76	4	0.03	0.04	25
1151317	404258	7077188	8N	0.05	1.23	12.2	2.5	0.5	57	0.3	0.07	0.4	6.5	17	18.4	2.3	3	0.03	0.04	22
1151318	404239	7077145	8N	0.05	1.28	18.2	5	0.5	68	0.3	0.09	0.5	9.5	18	22.1	2.68	3	0.03	0.04	25
1151319	404218	7077099	8N	0.3	1.19	34.3	5.5	0.5	58	0.2	0.08	1.4	8.2	18	18.5	2.78	3	0.03	0.04	21
1151320	404198	7077054	8N	0.6	0.87	40.4	7.5	0.5	97	0.2	0.13	2.1	10.7	15	28.4	3.11	2	0.04	0.05	29
1151322	404177	7077008	8N	0.3	0.22	324.1	19.1	0.5	88	0.7	0.28	2.9	16.8	3	50.8	4.06	0.5	0.005	0.03	60
1151323	404156	7076962	8N	3.3	1.2	118.7	17.7	0.5	48	0.7	0.09	1.4	11.6	17	29.6	3.23	3	0.04	0.06	26
1151324	404134	7076917	8N	0.7	0.98	39.5	40	0.5	56	0.2	0.08	0.5	5.9	16	12.5	2.06	3	0.04	0.04	17
1151325	404504	7077243	8N	2.8	1.02	165.3	3.5	0.5	65	0.7	0.14	8.1	11.9	15	35.5	3.83	3	0.03	0.05	42
1151326	404483	7077196	8N	0.8	0.99	53.3	3.2	0.5	58	0.4	0.16	2.6	10.9	15	28.4	2.93	2	0.03	0.04	32
1151327	404462	7077151	8N	0.3	1.15	29.2	1.1	0.5	66	0.4	0.15	2.1	17	16	35.1	3.62	3	0.02	0.05	43
1151328	404441	7077106	8N	0.05	0.9	12	1.9	0.5	53	0.3	0.06	0.2	4.4	15	11.2	1.99	4	0.03	0.03	15
1151329	404419	7077060	8N	0.2	1.17	60.8	6.9	1	98	0.3	0.15	0.9	11.3	19	23.5	2.68	3	0.03	0.04	22
1151330	404398	7077013	8N	0.05	1.31	14.4	5.9	0.5	98	0.2	0.13	0.4	11.1	22	24.4	2.76	4	0.03	0.04	21
1151331	404377	7076967	8N	0.05	1.15	13.6	3	0.5	86	0.2	0.05	1.3	14.2	14	22	2.6	3	0.005	0.06	26
1151333	404357	7076923	8N	0.1	1.07	18.5	2.5	0.5	83	0.4	0.17	0.05	12.9	12	24.2	2.82	2	0.01	0.05	26
1151334	401992	7076816	8N	0.3	1.11	64.5	19.3	1	116	0.3	0.1	0.7	8.5	20	29.3	2.54	3	0.04	0.04	21
1151335	402011	7076859	8N	0.3	1.2	106.8	10.6	1	82	0.3	0.07	0.6	10.5	24	25.4	2.58	4	0.03	0.04	19
1151336	402032	7076904	8N	0.5	1.25	157.3	14.7	2	82	0.4	0.06	0.7	9.4	26	24.1	2.68	4	0.03	0.04	20
1151337	402052	7076951	8N	0.2	1.84	67	25.3	0.5	157	0.4	0.09	0.9	11.5	27	27.9	2.6	5	0.02	0.12	23
1151338	402073	7076997	8N	0.2	1.31	40.8	5	1	106	0.2	0.07	0.4	10.6	25	26.3	2.57	4	0.03	0.07	24
1151339	402095	7077041	8N	0.05	1.39	29.8	9.8	1	82	0.3	0.07	0.2	8.3	26	19.8	2.53	5	0.03	0.05	20
1151340	402117	7077089	8N	0.05	1.24	28.4	8.6	0.5	74	0.3	0.05	0.3	7.5	23	18.9	2.39	4	0.03	0.05	18

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1151292	0.3	239	0.8	0.003	17.5	0.051	24.6	0.025	1	1	0.6	7	0.1	1.8	0.011	0.1	1.1	27	0.2	99
1151293	0.3	444	0.9	0.003	17.1	0.067	75.1	0.025	1	0.8	0.8	7	0.1	1.4	0.009	0.1	1.2	26	0.2	135
1151294	0.35	351	1	0.004	18.7	0.047	36.9	0.025	1	1.2	0.6	7	0.1	2.1	0.016	0.1	1.1	32	0.2	113
1151295	0.3	453	1	0.003	20.2	0.07	37	0.025	1.1	1	0.6	9	0.1	1.6	0.009	0.1	1.4	29	0.2	134
1151296	0.29	740	0.8	0.003	35.8	0.072	75.7	0.025	1.4	1.2	0.25	13	0.1	3.8	0.01	0.05	1.7	20	0.3	192
1151297	0.3	369	0.7	0.003	17.9	0.036	99.3	0.025	1	1.3	0.25	8	0.1	4	0.007	0.1	0.9	22	0.2	141
1151298	0.3	348	0.7	0.003	18.7	0.05	19.8	0.025	0.7	1.4	0.5	12	0.1	3.4	0.006	0.1	1	25	0.2	78
1151300	0.33	339	0.6	0.003	22	0.058	17.4	0.025	1.3	1.6	0.25	11	0.1	5.9	0.005	0.05	1.6	19	0.1	91
1151301	0.29	344	0.4	0.004	22.3	0.04	51	0.025	2.4	3	0.25	10	0.1	8.2	0.016	0.1	1.3	25	0.2	122
1151302	0.36	425	0.9	0.003	27.7	0.049	150.4	0.025	1.5	2	0.25	9	0.1	7.7	0.015	0.1	1.1	28	0.1	598
1151303	0.41	530	1.1	0.005	24.3	0.066	25.1	0.025	1.1	2.3	0.25	9	0.1	3.3	0.022	0.1	1.5	39	0.2	104
1151304	0.41	494	1.1	0.004	23.8	0.064	24.1	0.025	1.1	1.8	0.6	9	0.1	3.1	0.019	0.1	1.5	35	0.3	96
1151305	0.4	566	0.9	0.003	23.3	0.058	20.2	0.025	1	1.5	0.7	8	0.1	2.6	0.016	0.1	1.4	34	0.3	95
1151306	0.37	634	0.5	0.002	28.3	0.036	71.1	0.025	0.8	1.4	0.25	9	0.1	7.1	0.01	0.05	0.8	23	0.05	609
1151307	0.42	423	1.7	0.003	39.3	0.052	157.4	0.025	0.9	1.4	0.25	15	0.1	9.2	0.01	0.05	1.3	17	0.05	349
1151308	0.4	279	0.5	0.003	22	0.034	66.5	0.025	0.5	1	0.25	7	0.1	8.7	0.006	0.1	1	15	0.05	389
1151309	0.39	242	0.7	0.003	20	0.046	64.9	0.025	0.5	1.4	0.25	8	0.1	4.6	0.015	0.1	0.7	30	0.1	157
1151310	0.35	276	0.9	0.004	16.4	0.044	24	0.025	0.6	1.7	0.25	9	0.1	2.9	0.023	0.1	0.7	37	0.2	63
1151311	0.41	273	0.9	0.004	20.3	0.051	27.6	0.025	0.7	1.4	0.25	10	0.1	4.8	0.024	0.05	1.2	36	0.2	80
1151312	0.46	934	0.6	0.005	49.4	0.063	57.2	0.025	0.5	2.2	0.25	16	0.1	15.3	0.016	0.05	3.3	22	0.2	127
1151313	0.41	693	0.8	0.004	28.6	0.058	61.4	0.025	0.5	1.3	0.25	10	0.1	6.4	0.013	0.05	1.8	26	0.2	161
1151314	0.39	445	0.7	0.003	28.3	0.067	29	0.025	0.6	1.5	1	13	0.1	8.7	0.014	0.05	1.8	21	0.2	93
1151315	0.42	447	0.9	0.005	27.6	0.056	27.6	0.025	0.7	1.8	0.25	13	0.1	6.1	0.024	0.05	1.8	37	0.2	88
1151316	0.4	185	0.8	0.004	16.7	0.053	25.5	0.025	0.5	1.4	0.25	9	0.1	3.7	0.016	0.05	1.2	31	0.1	65
1151317	0.35	219	0.7	0.003	16.7	0.049	22.2	0.025	0.5	1.3	0.25	7	0.1	2.6	0.012	0.1	0.9	27	0.1	71
1151318	0.38	370	0.8	0.004	20.7	0.053	26.9	0.025	0.5	1.8	0.25	9	0.1	6.1	0.013	0.1	1.1	29	0.1	98
1151319	0.33	330	0.7	0.003	21	0.046	103.7	0.025	1.3	1.5	0.25	9	0.1	4.1	0.014	0.1	0.8	29	0.2	194
1151320	0.24	389	0.7	0.003	27.8	0.044	111.2	0.025	2.5	2.1	0.25	9	0.1	6.4	0.009	0.1	1.1	22	0.1	220
1151322	0.08	1318	0.8	0.002	70.1	0.12	79.8	0.025	2.3	2.8	0.25	14	0.1	24.6	0.002	0.05	1.2	1	0.05	236
1151323	0.36	327	0.7	0.003	28.5	0.05	1227.3	0.025	5.7	1.6	0.25	9	0.1	7.4	0.011	0.1	1	22	0.1	284
1151324	0.26	248	0.9	0.003	14.9	0.044	46.5	0.025	5	1.3	0.5	8	0.1	3.2	0.015	0.2	0.6	29	0.2	89
1151325	0.37	655	0.7	0.003	32.8	0.06	331.9	0.025	1.8	1.5	0.25	13	0.1	12.5	0.008	0.05	2.4	18	0.1	782
1151326	0.34	584	0.6	0.004	33.4	0.05	198.9	0.025	1.1	1.7	0.25	12	0.1	9.4	0.012	0.05	1.5	18	0.1	231
1151327	0.44	810	0.6	0.003	40.9	0.054	67.6	0.025	0.6	1.8	0.25	13	0.1	13.7	0.009	0.05	2.1	15	0.05	193
1151328	0.19	154	1	0.003	11.2	0.033	28.2	0.025	0.5	1	0.25	7	0.1	1.4	0.017	0.05	0.6	38	0.1	40
1151329	0.36	399	0.7	0.005	28	0.059	43.5	0.025	2.4	1.7	0.25	12	0.1	4.7	0.019	0.05	1.2	30	0.2	169
1151330	0.43	406	0.7	0.005	25.3	0.058	30.8	0.025	0.7	2	0.25	11	0.1	4.8	0.026	0.1	0.9	35	0.2	78
1151331	0.44	555	0.4	0.003	27.3	0.026	27.6	0.025	0.3	1.4	0.25	7	0.1	10.7	0.007	0.05	0.6	12	0.1	125
1151333	0.4	278	0.5	0.007	27.4	0.058	30.3	0.025	0.2	1	0.25	21	0.1	10.6	0.004	0.05	1.2	9	0.05	61
1151334	0.34	369	0.7	0.004	21.7	0.061	14.3	0.025	1.2	1.9	0.6	9	0.1	4.2	0.02	0.1	1.2	32	0.3	93
1151335	0.33	550	1	0.003	20.1	0.061	18.2	0.025	0.9	1.5	0.6	7	0.1	3.1	0.02	0.1	1.3	32	0.3	86
1151336	0.37	452	1.1	0.003	21.6	0.06	32.9	0.025	1	1.3	0.25	7	0.1	2.3	0.015	0.2	1.2	32	0.2	114
1151337	0.75	667	0.7	0.004	34.5	0.051	14.7	0.025	0.6	2.4	0.25	9	0.1	5.9	0.05	0.2	1.3	40	0.2	181
1151338	0.36	474	0.8	0.004	21.8	0.055	15	0.025	0.7	1.9	0.9	9	0.1	3.4	0.026	0.1	1.2	35	0.3	82
1151339	0.41	358	0.9	0.004	20	0.039	14.4	0.025	0.6	1.4	0.25	8	0.1	2	0.027	0.2	1.1	41	0.2	69
1151340	0.34	308	0.8	0.003	17.8	0.034	12	0.025	0.6	1.5	0.25	7	0.1	2.6	0.027	0.1	1.1	36	0.3	76

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1151341	402135	7077130	8N	0.1	1.13	30.1	4.7	1	69	0.2	0.05	0.3	7.3	22	17.3	2.18	4	0.04	0.04	16
1151342	402157	7077177	8N	0.1	1.17	22.3	10.3	0.5	72	0.2	0.06	0.2	5.2	22	15.1	2.3	4	0.04	0.04	18
1151343	402180	7077227	8N	0.2	1.08	19.1	2.7	1	59	0.2	0.05	0.2	3.7	20	10.2	1.98	4	0.05	0.03	15
1151344	402200	7077270	8N	0.1	1.35	19.6	4.5	1	78	0.3	0.06	0.3	8.3	23	14.9	2.32	4	0.03	0.04	21
1151345	402223	7077316	8N	0.05	1.33	22.1	6.4	1	79	0.3	0.07	0.2	10.3	24	20	2.49	4	0.04	0.05	20
1151346	402243	7077363	8N	0.1	1.28	21.5	4.8	1	77	0.5	0.09	0.2	8.1	21	15.4	2.29	4	0.02	0.04	19
1151347	402261	7077403	8N	0.05	1.18	19.5	4.1	1	92	0.2	0.08	0.2	9.5	23	15.6	2.32	4	0.03	0.04	19
1151348	402284	7077454	8N	0.05	1.15	14.1	4.7	1	60	0.3	0.08	0.1	6.5	24	14.2	2.2	4	0.04	0.05	18
1151349	402304	7077493	8N	0.05	1.29	19.5	5	0.5	79	0.2	0.08	0.1	5.9	22	15.9	2.39	4	0.04	0.04	16
1151350	402326	7077539	8N	0.05	1.21	14.9	3	0.5	65	0.1	0.12	0.2	8.4	21	16	2.13	4	0.03	0.04	16
1151351	404374	7076252	8N	0.6	0.8	137.2	8.2	0.5	136	0.3	0.17	0.8	14	12	53.5	3.43	2	0.02	0.06	25
1151352	404396	7076298	8N	0.1	1.06	31.1	2	0.5	97	0.3	0.07	0.2	7	18	17.2	2.36	3	0.02	0.03	16
1151353	404418	7076343	8N	0.1	1.05	22.1	2.6	0.5	67	0.2	0.11	0.4	7.9	18	21.8	2.16	3	0.04	0.04	17
1151354	404438	7076389	8N	0.4	1.23	105.1	4.5	0.5	89	0.6	0.1	3.7	9.1	20	27.1	2.95	4	0.02	0.05	25
1151355	404460	7076434	8N	0.3	1.14	76	5.2	0.5	99	0.3	0.16	2	7.5	18	19.2	2.6	3	0.04	0.04	19
1151356	404481	7076478	8N	0.1	0.99	153.4	5.4	1	100	0.4	0.17	0.7	8	14	16.9	2.51	3	0.02	0.04	19
1151357	404502	7076523	8N	0.5	0.77	97.3	3.4	2	92	0.4	0.2	1.7	9.3	14	23.7	2.5	2	0.03	0.05	21
1151359	404523	7076569	8N	5.8	0.79	880.7	28.1	0.5	88	7.9	0.2	3	10.6	11	34.5	3.78	2	0.02	0.07	22
1151360	404545	7076615	8N	2.2	0.66	148.5	5.2	2	101	2.2	0.4	2.8	10.6	12	29.6	3.25	2	0.04	0.04	27
1151361	404567	7076661	8N	1.8	0.74	176.7	6.6	1	112	2	0.22	2.9	8.6	12	19.4	2.37	2	0.02	0.08	17
1151363	404587	7076706	8N	0.8	1	133.5	5.2	1	148	0.9	0.21	1.3	8.8	16	20	2.51	3	0.02	0.06	18
1151451	402350	7077588	8N	0.05	1.1	16.4	6.1	1	55	0.2	0.08	0.1	5.5	18	16.9	1.96	3	0.02	0.04	19
1151452	402370	7077629	8N	0.2	1.17	17.2	3.1	0.5	62	0.2	0.07	0.2	6.2	19	13.1	2.06	4	0.03	0.04	13
1151454	402393	7077678	8N	0.1	1.12	16.9	4.9	0.5	53	0.2	0.15	0.2	10.8	22	17.8	2.39	3	0.05	0.05	22
1151455	402413	7077719	8N	0.05	1.23	34.2	3	0.5	76	0.2	0.08	0.2	8.8	22	18.5	2.16	4	0.03	0.05	16
1151470	403884	7075436	8N	0.3	1.81	220.1	13.2	0.5	142	0.4	0.24	0.7	13.2	25	34.4	2.9	5	0.03	0.17	21
1151471	403904	7075480	8N	0.3	1.06	171.6	6.5	0.5	92	1.7	0.17	0.9	10.7	17	32.3	2.61	3	0.02	0.08	26
1151472	403926	7075527	8N	0.6	1.22	257.2	9.8	0.5	128	1.6	0.16	1	10	21	29.6	2.8	4	0.03	0.07	20
1151474	403969	7075617	8N	0.3	1.2	205.6	12	1	100	0.7	0.1	0.4	11.5	21	28.8	2.72	4	0.03	0.06	18
1151475	403988	7075662	8N	0.1	1.14	147.8	14.7	1	100	0.4	0.13	0.4	10.4	20	22.8	2.37	3	0.03	0.06	17
1151476	404010	7075708	8N	0.3	1.24	170.1	15	2	142	0.6	0.21	0.7	10.5	22	25.3	2.63	4	0.03	0.06	18
1151477	404030	7075753	8N	0.2	0.9	164.8	14.2	1	93	0.5	0.15	0.6	9.3	18	23.2	2.35	3	0.02	0.05	20
1151478	404092	7075887	8N	0.1	1.05	49.5	3.7	0.5	62	0.3	0.07	0.4	7.5	20	19.5	2.21	3	0.02	0.04	18
1151479	404114	7075935	8N	0.4	1.03	88.9	3.3	0.5	59	0.4	0.06	0.6	9.4	20	19.7	2.43	4	0.02	0.04	19
1151480	404135	7075980	8N	0.3	1.21	39.7	3.8	0.5	78	0.3	0.1	0.5	6.9	22	18.7	2.3	4	0.03	0.04	17
1151481	404158	7076028	8N	0.4	1.1	54.3	4.1	1	89	0.3	0.15	0.7	11.2	19	21.2	2.37	3	0.02	0.04	21
1151482	404178	7076071	8N	0.2	1.02	72.8	4.6	0.5	67	0.5	0.08	0.6	6.7	21	16.2	2.39	4	0.02	0.04	15
1151483	404199	7076117	8N	0.05	0.85	49.2	3.2	0.5	105	0.2	0.13	1.3	10.9	16	18.3	2.15	3	0.01	0.04	17
1151484	404219	7076162	8N	0.1	0.97	42	2.6	0.5	98	0.3	0.13	0.3	6.1	17	12.9	2.05	3	0.01	0.04	17
1151486	404240	7076209	8N	0.05	1.03	32.5	7.9	0.5	93	0.3	0.13	0.3	10.1	19	21.1	2.46	3	0.02	0.04	19
1151487			8N	0.05	1.23	36	4.1	0.5	117	0.3	0.17	0.2	10.9	21	29.1	2.62	3	0.02	0.05	21
1151488	404283	7076298	8N	0.4	0.95	44.9	3.8	0.5	96	0.4	0.12	0.3	7.9	16	24.1	2.23	3	0.02	0.04	25
1151501	410602	7088777	8N	0.3	1.5	125.9	10.7	1	246	2.8	0.28	0.4	9.8	33	40.4	2.57	5	0.06	0.09	28
1151502	410597	7088837	8N	0.5	1.54	304.9	17.7	0.5	309	3.7	0.29	0.7	11	38	49.6	2.77	6	0.05	0.1	31
1151503	410598	7088887	8N	0.6	1.55	451	18.6	0.5	314	4.1	0.47	0.3	9	29	53.4	2.42	6	0.08	0.06	22
1151504	410597	7088937	8N	0.2	1.84	416.5	13.2	0.5	302	3.1	0.6	0.3	9.6	27	40.5	2.39	6	0.03	0.05	18

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1151341	0.29	342	0.8	0.004	15.7	0.043	13.8	0.06	0.5	1.2	0.25	7	0.1	1.3	0.021	0.1	1	34	0.2	63
1151342	0.31	195	0.8	0.003	15.3	0.034	17.5	0.025	0.5	1.2	0.25	6	0.1	2	0.023	0.1	0.9	36	0.3	53
1151343	0.25	138	0.9	0.003	10	0.036	22.8	0.025	0.4	0.7	0.25	6	0.1	0.4	0.017	0.1	0.7	37	0.2	40
1151344	0.34	377	0.8	0.003	14.9	0.049	16.8	0.025	0.5	1.3	0.25	7	0.1	1.5	0.021	0.1	0.9	37	0.2	59
1151345	0.37	496	0.8	0.004	19.9	0.043	16.1	0.025	0.5	1.6	0.25	7	0.1	3.3	0.033	0.1	0.9	37	0.6	61
1151346	0.36	374	0.8	0.003	16.1	0.048	14	0.025	0.5	1.3	0.25	8	0.1	1.9	0.025	0.1	0.9	38	0.3	56
1151347	0.36	375	0.7	0.004	16.5	0.041	12.6	0.025	0.5	1.7	0.25	7	0.1	2.5	0.029	0.1	0.9	37	0.3	56
1151348	0.32	262	0.8	0.004	14.8	0.046	12.7	0.06	0.5	1.3	0.25	8	0.1	1.8	0.03	0.1	0.9	39	0.3	48
1151349	0.35	197	0.8	0.004	15	0.046	14.2	0.025	0.5	1.6	0.25	7	0.1	2.1	0.021	0.1	0.8	38	0.2	52
1151350	0.34	323	0.7	0.004	14.6	0.064	11.1	0.025	0.6	1.6	0.7	9	0.1	2.2	0.027	0.05	0.7	35	0.3	53
1151351	0.21	707	1	0.003	34.9	0.061	23.9	0.025	4.2	1.7	0.6	14	0.1	7.2	0.002	0.2	1.2	16	0.2	120
1151352	0.28	436	0.7	0.003	15.3	0.053	16.9	0.025	0.8	1	0.25	7	0.1	1.6	0.009	0.05	0.9	27	0.2	71
1151353	0.3	290	0.7	0.003	18.6	0.059	15.8	0.025	0.8	1.4	0.25	9	0.1	2.9	0.018	0.05	0.9	28	0.2	82
1151354	0.37	484	0.7	0.006	25	0.057	53.3	0.025	1	1.7	0.6	8	0.1	5	0.011	0.1	1.1	26	0.2	431
1151355	0.29	462	0.7	0.007	20.1	0.05	65.3	0.025	1.7	1.6	0.25	11	0.1	2.9	0.013	0.1	1	27	0.3	340
1151356	0.28	413	0.6	0.004	21.8	0.045	48.7	0.025	0.6	1.1	0.25	12	0.1	3.7	0.009	0.1	0.9	19	0.4	105
1151357	0.27	528	0.6	0.004	25.6	0.045	33.7	0.025	0.8	1.7	0.7	12	0.1	7.5	0.014	0.05	1	20	0.3	177
1151359	0.26	638	0.5	0.004	27.9	0.05	252.6	0.06	3	1.7	0.25	15	0.1	9	0.007	0.1	1.3	11	0.2	298
1151360	0.24	1379	0.6	0.006	28.2	0.056	59.6	0.025	0.9	2.7	0.7	19	0.1	9.1	0.014	0.05	1	17	0.3	228
1151361	0.23	596	0.6	0.004	19.7	0.04	62.9	0.025	0.9	1.3	0.25	15	0.1	6	0.009	0.05	0.8	16	0.2	249
1151363	0.28	526	0.8	0.004	20.7	0.049	71.5	0.025	0.8	1.4	0.6	15	0.1	4.5	0.012	0.1	0.9	24	0.3	182
1151451	0.34	163	0.6	0.003	14.9	0.042	10.7	0.025	0.4	1.2	0.25	7	0.1	3.1	0.019	0.05	0.7	25	0.2	47
1151452	0.33	235	0.7	0.003	13.7	0.043	10.9	0.025	0.4	1.2	0.25	6	0.1	1.4	0.018	0.05	0.6	30	0.3	52
1151454	0.4	421	0.8	0.004	21.2	0.073	11.9	0.025	0.8	1.4	0.25	10	0.1	5.4	0.037	0.05	0.7	37	0.5	64
1151455	0.43	436	0.6	0.004	18.1	0.053	15.2	0.025	0.6	1.7	0.25	8	0.1	2.5	0.027	0.1	0.7	34	0.4	59
1151470	1.26	741	0.7	0.006	30.7	0.062	39.8	0.025	0.7	2.6	0.25	21	0.1	8.8	0.044	0.2	1.4	35	0.2	130
1151471	0.57	477	0.7	0.004	25.3	0.048	21.8	0.025	0.6	1.6	0.25	17	0.1	9.9	0.021	0.1	1.6	22	0.2	138
1151472	0.51	537	0.7	0.004	22.5	0.06	24.7	0.025	0.7	1.4	0.25	17	0.1	3.6	0.017	0.1	1.4	32	0.3	152
1151474	0.5	451	0.8	0.005	24.6	0.053	26.7	0.025	0.7	1.5	0.25	10	0.1	3.7	0.022	0.1	1.3	31	0.3	86
1151475	0.49	483	0.7	0.005	22.2	0.047	15.6	0.025	0.6	1.5	0.25	11	0.1	3.6	0.025	0.1	1.1	31	0.2	77
1151476	0.48	517	0.7	0.004	23.9	0.056	20.2	0.05	0.6	1.4	0.25	16	0.1	2.4	0.019	0.1	1.3	32	0.2	108
1151477	0.37	392	0.6	0.004	22.7	0.049	20.3	0.025	0.6	1.2	0.25	12	0.1	4.4	0.019	0.05	1.1	26	0.2	85
1151478	0.31	321	0.8	0.004	17.5	0.043	16.4	0.025	0.6	1.2	0.25	7	0.1	2.2	0.021	0.05	0.9	31	0.2	80
1151479	0.32	474	0.8	0.003	16.6	0.041	35.8	0.025	0.8	1.2	0.25	6	0.1	2.6	0.017	0.05	1	29	0.2	95
1151480	0.35	282	0.9	0.004	17.1	0.041	24.3	0.025	0.7	1.5	0.25	9	0.1	1.8	0.02	0.1	1	35	0.2	86
1151481	0.37	395	0.8	0.004	26.8	0.048	27.4	0.025	0.7	1.8	0.25	10	0.1	3.9	0.018	0.1	1.3	29	0.2	181
1151482	0.29	358	0.9	0.003	17	0.041	47.5	0.025	0.9	1	0.25	7	0.1	1.4	0.014	0.1	0.9	33	0.2	108
1151483	0.3	930	0.7	0.004	24.8	0.045	35.5	0.025	0.7	1.2	0.25	9	0.1	4.7	0.015	0.05	0.8	24	0.2	114
1151484	0.3	261	0.6	0.003	15	0.04	23.5	0.025	0.6	1	0.25	9	0.1	2.8	0.007	0.05	0.8	23	0.1	81
1151486	0.35	428	0.7	0.003	24.6	0.035	18.6	0.025	0.7	1.3	0.25	10	0.1	5.1	0.015	0.05	0.9	26	0.2	87
1151487	0.38	363	0.8	0.004	31.4	0.056	19.5	0.025	1.1	2.3	0.25	12	0.1	6.2	0.02	0.05	1.3	31	0.2	93
1151488	0.3	322	0.5	0.003	24.4	0.043	17.2	0.025	1.2	1.3	0.25	8	0.1	5.9	0.008	0.05	1.3	20	0.2	79
1151501	0.49	466	1.4	0.011	21.7	0.09	13.5	0.025	2.6	2.8	0.25	28	0.1	8.4	0.078	0.3	3.8	54	3.7	71
1151502	0.56	588	1.1	0.009	25.1	0.095	26.8	0.025	14.3	4	0.25	30	0.1	11.7	0.085	0.3	6.4	54	2.4	94
1151503	0.46	344	1.3	0.013	19.6	0.1	15	0.08	11.9	1.8	0.8	37	0.1	1.1	0.032	0.3	3.4	45	1.1	65
1151504	0.54	316	0.6	0.037	22.7	0.071	15.4	0.025	7	2.7	0.25	41	0.1	3.3	0.034	0.2	1.1	39	0.3	59

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1151505	410598	7088988	8N	0.3	2.01	306.2	7.5	0.5	562	2	1.96	0.8	10.3	27	39.2	2.59	6	0.04	0.08	21
1151506	410598	7089037	8N	0.3	1.72	96.3	16.3	2	380	1.4	1.62	0.9	9	24	34.9	2.16	5	0.06	0.06	22
1151507	410598	7089087	8N	0.05	2.28	86.4	2.9	0.5	246	0.8	0.15	0.2	10.6	32	24	2.77	7	0.05	0.05	18
1151508	410595	7089136	8N	0.1	2	51.3	5.2	0.5	258	0.8	0.2	0.3	9.3	28	24.8	2.47	6	0.05	0.05	19
1151509	410599	7089187	8N	0.4	1.43	134.2	7.1	5	316	1.9	2.13	0.9	8.4	20	48	1.6	4	0.1	0.04	23
1151510	410599	7089238	8N	0.2	1.37	285.4	18.7	0.5	222	3.6	0.85	0.7	9.7	25	29.5	2.41	4	0.06	0.05	23
1151511	410599	7089288	8N	0.2	1.64	166.3	14.1	0.5	223	2.1	1.23	0.4	9.4	26	30.9	1.96	5	0.07	0.04	17
1151512	410601	7089339	8N	0.2	1.38	244.8	6.4	2	244	2.3	1.09	0.6	8.2	22	26.3	2.06	4	0.07	0.04	21
1151513	410599	7089388	8N	0.3	2.12	84.4	5	0.5	378	1.7	1.92	0.8	7.9	26	32.6	1.71	6	0.06	0.05	29
1151514	410598	7089438	8N	0.3	1.53	179.6	19	0.5	278	2	0.76	0.3	8.7	24	23.5	2.3	5	0.05	0.05	30
1151515	410598	7089487	8N	0.2	1.59	69.9	2.6	0.5	271	0.8	1.64	0.7	6.5	18	19.6	1.2	5	0.09	0.03	15
1151516	410600	7089537	8N	0.2	1.67	123.7	17.4	0.5	307	1.7	1.66	0.6	8.5	24	28.5	1.79	5	0.06	0.04	20
1151517	410601	7089587	8N	0.1	1.74	126.7	11.2	0.5	273	1.6	0.98	0.5	9.3	26	24.5	2.11	5	0.04	0.05	18
1151518	410599	7089636	8N	0.2	1.8	82.7	29.5	0.5	295	1.3	1.15	0.4	9.1	27	25.3	2.27	5	0.09	0.05	23
1151519	410599	7089687	8N	0.1	2.06	60	21.2	0.5	276	0.8	0.61	0.3	9.6	27	23	2.32	6	0.06	0.04	19
1151520	410599	7089735	8N	0.1	1.91	36.9	2	0.5	290	0.5	0.5	0.3	10.6	27	21.5	2.32	6	0.03	0.04	18
1151522	410598	7089786	8N	0.05	1.77	28.6	8.9	0.5	215	0.4	0.34	0.2	8.4	27	16.9	2.44	6	0.03	0.04	13
1151523	410598	7089836	8N	0.05	1.54	36.8	1.9	0.5	167	1	0.39	0.2	7.1	22	15.8	2.12	5	0.03	0.03	13
1151524	410599	7089887	8N	0.2	1.59	37.2	2.2	0.5	255	0.7	0.89	0.5	9.3	22	21.8	2.11	5	0.04	0.04	14
1151525	410599	7089937	8N	0.4	1.51	68.9	1.8	0.5	252	1.2	1.1	1.9	9.7	22	26.2	1.95	5	0.06	0.04	14
1151526	410606	7089986	8N	0.3	1.29	102.5	2.3	0.5	232	2.8	1.25	0.9	9.4	20	22.4	1.77	4	0.06	0.04	13
1151527	410601	7090037	8N	0.2	1.31	70.8	5	0.5	206	2.3	0.94	0.8	7.4	21	19.1	1.91	4	0.05	0.05	17
1151528	410602	7090089	8N	0.3	1.69	244.5	8.6	0.5	258	2.1	1.16	1.2	8.9	26	28.2	2.13	6	0.04	0.07	18
1151529	410596	7090137	8N	0.1	1.58	27.2	2.5	0.5	225	0.7	0.8	0.4	7.4	24	17.1	2	6	0.03	0.04	14
1151530	410606	7090187	8N	0.3	1.86	18.5	3.9	1	344	0.7	0.85	0.4	10.3	26	29.9	2.21	6	0.04	0.05	20
1151531	410604	7090238	8N	0.2	1.67	15.7	1.8	2	353	0.4	0.97	0.3	9	26	21.3	2.01	5	0.04	0.05	18
1151533	409432	7080042	8N	0.9	0.44	213	11.6	2	29	0.6	0.11	0.2	28.8	10	51.5	4.45	2	0.02	0.06	52
1151534	409383	7080028	8N	0.8	1.44	570.2	11.5	0.5	43	1.6	0.02	0.1	8	19	66.2	6.21	4	0.03	0.05	36
1151535	409335	7080033	8N	0.8	1.25	199.7	7.8	2	64	1.2	0.05	0.2	12.9	17	64	5.81	4	0.05	0.05	34
1151536	409281	7080023	8N	0.6	0.55	112.7	7.2	0.5	32	0.9	0.02	0.05	6.5	15	52.2	3.4	2	0.09	0.05	60
1151537	409231	7080004	8N	0.6	0.72	43.1	1.9	0.5	87	0.5	0.08	0.6	9.3	17	40.1	3.14	3	0.07	0.07	43
1151538	409183	7080013	8N	1.2	0.9	77.3	12.6	1	154	0.6	0.04	0.3	5.1	53	30.3	2.56	3	0.18	0.24	50
1151539	409132	7080023	8N	1.5	1.37	30.2	7.5	0.5	241	0.6	0.12	0.3	10	39	40	4.67	7	0.04	0.06	35
1151540	409080	7080031	8N	0.4	1.25	21.3	1.6	2	212	0.5	0.16	0.1	7.4	34	36.5	3.85	6	0.06	0.07	33
1151541	409032	7080049	8N	0.8	1.31	29.5	12.9	1	120	0.6	0.08	0.2	9.1	29	44.2	4.22	5	0.04	0.06	34
1151542	408986	7080074	8N	0.7	1.43	24.6	1.5	2	79	0.6	0.06	0.3	7.4	23	50.9	3.97	5	0.04	0.06	44
1151543	408935	7080089	8N	1	1.05	75.5	6.9	1	71	0.6	0.04	0.6	13	21	50.7	4.01	4	0.09	0.05	38
1151544	408884	7080066	8N	0.5	0.77	153.1	5.1	0.5	67	0.6	0.05	0.5	9.6	15	45.7	3.88	3	0.06	0.06	44
1151545	408838	7080038	8N	0.3	1.26	23	2.9	3	204	0.3	0.23	0.1	11.2	18	18.9	2.37	3	0.03	0.04	21
1151546	408787	7080019	8N	0.6	1	35.1	3.3	2	122	0.3	0.43	0.1	10.8	17	25.6	2.5	3	0.04	0.05	24
1151547	408739	7080014	8N	0.4	0.95	55.7	2.4	2	43	0.3	0.54	0.5	20	17	40.1	3.04	3	0.03	0.05	16
1151548	408659	7079952	8N	0.4	1.36	55.6	1.7	2	55	0.5	0.39	0.3	32.3	34	66.3	4.15	4	0.03	0.05	30
1151549	408615	7079929	8N	1.2	1.32	89.5	7.1	1	30	0.5	0.37	0.5	31.2	22	78.3	4.33	4	0.02	0.06	42
1151550	408575	7079892	8N	0.4	1.28	76.5	3.3	1	48	0.5	0.18	0.1	20.1	18	48.9	3.74	4	0.05	0.04	33
1151669	411999	7088787	8N	0.1	1.38	166.2	8.3	1	160	1.3	0.09	0.3	9.8	24	55.8	3.17	4	0.04	0.2	21
1151670	411997	7088838	8N	0.4	1.51	225.2	8.4	0.5	158	2.1	0.12	0.3	11.6	27	58.4	3.2	5	0.06	0.13	23

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1151505	1.44	572	0.6	0.047	27.6	0.095	18.3	0.025	16.4	3.7	0.5	104	0.1	6.4	0.036	0.1	0.9	35	0.3	64
1151506	0.45	372	0.7	0.042	22.4	0.098	22.3	0.08	4.7	2.9	0.7	75	0.1	3.9	0.028	0.1	1.9	33	0.4	114
1151507	0.51	290	0.9	0.009	24	0.05	14.6	0.025	1	3.4	0.25	15	0.1	4.4	0.055	0.2	1.2	51	0.3	64
1151508	0.5	330	0.9	0.01	22.2	0.065	13.3	0.025	1.3	2.7	0.7	23	0.1	4.5	0.048	0.2	1.5	44	0.6	58
1151509	0.3	386	0.7	0.048	21.4	0.116	19.7	0.2	2.2	1.6	0.7	78	0.1	2.7	0.017	0.05	2.7	23	0.3	58
1151510	0.42	293	0.7	0.053	24.3	0.083	17.6	0.025	5.6	2.5	0.25	63	0.1	6.8	0.041	0.05	1.1	40	1.3	70
1151511	0.42	242	0.4	0.058	24.7	0.071	16.3	0.08	2	2.3	0.6	68	0.1	4.3	0.034	0.05	1.4	31	0.6	57
1151512	0.35	364	0.7	0.059	20.2	0.105	16.1	0.05	3.3	2.1	0.25	71	0.1	5	0.027	0.05	1.3	34	1	68
1151513	0.36	406	0.7	0.092	19.4	0.129	18	0.14	1.4	2	1.1	92	0.1	4.3	0.032	0.1	2.6	29	0.5	55
1151514	0.38	292	0.8	0.036	21.4	0.101	17	0.025	3.3	2.4	0.25	61	0.1	6.2	0.041	0.05	2.5	40	1.8	65
1151515	0.24	411	0.8	0.072	12.2	0.131	12.5	0.16	0.9	1.3	0.5	94	0.1	2.1	0.027	0.1	1.1	20	0.3	39
1151516	0.34	467	0.8	0.057	19	0.11	16.9	0.12	1.3	1.5	0.25	72	0.1	2.6	0.028	0.1	1.7	30	1.1	52
1151517	0.45	321	0.7	0.079	23.1	0.085	13.1	0.025	1.4	2.1	0.25	67	0.1	5.3	0.042	0.05	1.2	37	1.2	61
1151518	0.44	338	0.6	0.077	23.8	0.099	14.7	0.025	1.6	2.4	0.25	73	0.1	5.2	0.038	0.1	1.7	41	1.7	63
1151519	0.46	344	0.7	0.052	24.8	0.094	13.6	0.025	1.2	2.4	0.5	43	0.1	4.3	0.035	0.1	1.7	42	1	66
1151520	0.46	508	0.7	0.029	23.1	0.083	13.2	0.025	1.5	2.5	0.25	36	0.1	2.9	0.028	0.1	1.4	42	0.4	67
1151522	0.48	412	0.7	0.008	18.5	0.082	10.8	0.025	1.9	1.7	0.25	23	0.1	1.2	0.021	0.1	1	44	0.3	62
1151523	0.36	273	0.7	0.008	16.5	0.06	12.2	0.025	2	1.5	0.25	23	0.1	1.3	0.02	0.1	0.7	37	0.5	49
1151524	0.4	428	0.7	0.024	21.7	0.077	19.8	0.07	1.7	1.8	0.25	42	0.1	1.7	0.022	0.1	0.8	35	0.4	63
1151525	0.39	418	0.7	0.032	21	0.082	46.1	0.09	2.2	2	0.6	53	0.1	1.7	0.025	0.1	1.2	33	0.3	88
1151526	0.33	389	0.5	0.017	16.1	0.081	17.5	0.09	3.4	1.8	0.6	48	0.1	1.4	0.019	0.2	1.4	34	0.2	57
1151527	0.39	230	0.7	0.029	19.8	0.066	17.5	0.025	1.4	2.1	0.25	50	0.1	2.6	0.028	0.1	0.9	34	0.8	67
1151528	0.49	281	0.7	0.035	20.9	0.083	17.2	0.025	2.4	2.8	0.25	71	0.1	4.2	0.03	0.2	1	36	0.6	72
1151529	0.43	353	0.8	0.014	17.3	0.072	19.5	0.025	0.9	1.5	0.25	38	0.1	1	0.023	0.2	0.9	40	0.3	62
1151530	0.5	391	0.7	0.031	24.5	0.069	35.1	0.025	1.7	2.7	0.5	43	0.1	3.2	0.031	0.2	1.8	41	0.3	65
1151531	0.46	369	0.6	0.038	21.6	0.064	31.1	0.025	1.4	2.6	0.6	47	0.1	3.8	0.033	0.1	1.4	37	0.3	54
1151533	0.18	644	1.3	0.004	63.2	0.041	22.9	0.025	4.5	1.4	0.25	31	0.1	22.9	5E-04	0.1	2.5	8	0.05	120
1151534	0.43	225	1.9	0.007	20	0.064	82.9	0.025	3.9	1.4	0.25	11	0.1	27.8	0.002	0.3	3.8	14	0.05	114
1151535	0.41	624	1.9	0.011	33.5	0.083	65.7	0.06	5.1	1.3	0.25	15	0.1	24.3	0.003	0.3	3	14	0.05	139
1151536	0.08	172	2.9	0.003	19.9	0.093	46.5	0.025	13.6	1.1	0.25	13	0.1	8.7	0.002	2	2.4	16	0.9	62
1151537	0.1	217	1.8	0.005	16.8	0.075	43.5	0.05	6.5	1.6	0.25	11	0.1	12.1	0.006	0.6	1.9	19	0.7	65
1151538	0.44	134	4.3	0.003	12.6	0.056	44.5	0.025	8.6	3.6	0.25	19	0.1	18.9	0.042	1.6	2.3	27	1	46
1151539	0.36	349	2.1	0.005	24	0.075	37.5	0.025	2.4	1.9	0.25	20	0.1	11.8	0.01	0.1	1.6	45	0.05	130
1151540	0.4	479	1.9	0.007	15.5	0.091	26.5	0.025	1.7	1.1	0.25	24	0.1	2.7	0.012	0.2	1.8	34	0.05	77
1151541	0.45	503	1.9	0.007	16.3	0.074	34.4	0.05	1.9	1.4	0.25	17	0.1	8.4	0.011	0.05	1.8	26	0.05	84
1151542	0.46	378	1.9	0.007	15.5	0.081	32.7	0.06	1.6	1.2	0.25	16	0.1	8.5	0.008	0.1	2	22	0.05	75
1151543	0.32	392	1.7	0.005	30.9	0.085	38.1	0.06	4.3	1.1	0.25	15	0.1	6.5	0.005	0.5	2	21	0.2	95
1151544	0.19	219	3.3	0.003	24.9	0.061	41.2	0.06	6.2	1	0.25	11	0.1	12.9	0.004	1.4	1.6	18	0.6	95
1151545	0.36	545	0.9	0.005	18.2	0.051	17.5	0.025	1.4	1.2	0.25	21	0.1	1.4	0.013	0.2	1.2	28	0.2	68
1151546	0.37	404	0.7	0.005	23.9	0.049	20.9	0.025	1.6	1.3	0.25	36	0.1	7	0.007	0.05	1.4	16	0.1	62
1151547	0.48	707	0.6	0.004	34	0.075	31.5	0.11	0.8	0.9	0.25	37	0.1	6	0.004	0.05	1.4	10	0.05	85
1151548	0.69	1196	0.9	0.005	48.2	0.08	44.2	0.05	1.2	2.2	0.25	23	0.1	11.3	0.014	0.05	2.7	22	0.2	102
1151549	0.69	935	0.7	0.003	60.9	0.094	44.5	0.025	1.6	1.5	0.25	29	0.1	15.8	0.005	0.05	2.5	12	0.05	121
1151550	0.52	396	0.7	0.004	41.2	0.048	30.9	0.025	0.9	1.1	0.25	19	0.1	17.8	0.003	0.05	2.4	9	0.05	90
1151669	0.38	331	1.8	0.012	22.5	0.055	13.2	0.11	6.8	2.2	0.25	21	0.1	7.2	0.042	0.3	2.3	37	1.4	56
1151670	0.4	343	1.3	0.006	27.2	0.068	18.1	0.025	10.3	2.2	0.5	18	0.1	5.1	0.024	0.3	2.8	35	1.2	64

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1151671	411999	7088888	8N	0.2	1.72	110.1	3.8	0.5	157	1.4	0.16	0.2	14.1	54	45	3.12	5	0.05	0.12	17
1151672	411999	7088939	8N	0.5	2.04	408.8	12.6	1	243	4.3	0.33	0.5	9.4	29	64.8	2.6	6	0.07	0.07	24
1151673	411998	7088989	8N	0.3	1.51	196.4	16.9	2	236	2.3	0.88	0.4	9.1	23	41.2	2.98	4	0.06	0.06	26
1151674	411998	7089039	8N	0.3	2.02	163	9	2	236	2	1.29	0.4	10.7	27	30.4	2.68	6	0.07	0.07	23
1151675	411999	7089088	8N	0.2	2.42	30.8	6.7	4	143	1.4	2.24	0.8	8	22	13	1.54	7	0.06	0.05	15
1151676	411999	7089139	8N	0.1	2.87	43.7	5.3	2	180	2.1	0.43	0.4	10.1	30	18.8	2.3	9	0.03	0.05	17
1151677	411998	7089188	8N	0.3	2.44	36.3	16.2	5	231	2.2	1.61	1.1	11.9	25	46.2	2.21	7	0.08	0.06	33
1151678	411996	7089238	8N	0.2	3.03	74.4	5.2	8	213	1.6	1.58	0.8	8.1	18	19.3	1.57	8	0.05	0.08	25
1151679	412000	7089289	8N	0.1	2.32	15.2	8.9	3	210	0.6	0.6	0.6	9.8	26	19.4	2.49	6	0.07	0.04	12
1151680	411999	7089339	8N	0.2	1.63	38.7	9.9	2	146	0.7	0.33	0.4	5.3	26	24.1	2.02	7	0.09	0.04	15
1151681	411994	7089389	8N	0.4	1.71	156.9	63.1	4	251	9.5	0.66	0.4	10.3	24	158.3	2.62	5	0.07	0.04	22
1151683	412001	7089489	8N	0.05	1.89	189.8	10.1	2	176	2.1	0.34	0.4	10.1	33	88.8	2.8	6	0.05	0.07	20
1151684	407889	7081477	8N	0.05	1.48	10.1	2.1	0.5	109	0.2	0.1	0.1	8.3	21	12.1	2.09	3	0.04	0.04	12
1151685	407845	7081501	8N	0.2	1.01	5.2	2.6	1	46	0.3	0.08	0.05	2.3	17	15.8	1.28	5	0.07	0.03	9
1151686	407805	7081536	8N	0.05	1.2	10.2	19.9	1	109	0.2	0.14	0.2	7	19	22.9	2.19	4	0.04	0.04	16
1151687	407779	7081581	8N	0.05	0.88	10	4.5	0.5	124	0.1	0.15	0.2	7.2	18	20.7	1.94	3	0.03	0.04	14
1151688	407747	7081624	8N	0.05	1.01	10	1.7	2	97	0.2	0.13	0.1	4.3	20	15.7	1.82	3	0.04	0.03	12
1151690	408563	7078126	8N	0.2	1.05	17	2.7	0.5	63	0.3	0.05	0.1	3.9	16	13.1	2.51	5	0.02	0.03	23
1151691	408593	7078085	8N	0.2	1.31	48.3	7.4	0.5	63	0.4	0.04	0.4	12.1	19	24.8	3.41	4	0.02	0.03	24
1151693	408547	7078173	8N	0.1	1.25	32.2	2.9	0.5	75	0.3	0.07	0.2	10.9	21	25.9	3.02	4	0.03	0.04	26
1151694	409599	7088737	8N	0.05	1.5	13	2.5	0.5	161	0.2	0.82	0.3	6.3	16	9.6	1.47	4	0.03	0.03	9
1151695	409600	7088687	8N	0.1	1.49	16.9	11.4	3	280	0.4	2.3	0.5	7.5	20	14.2	1.58	4	0.04	0.05	11
1151696	409598	7088637	8N	0.1	1.5	15.6	15.7	1	246	0.2	1.66	0.4	7.8	21	20.3	1.59	4	0.05	0.05	9
1151697	409599	7088587	8N	0.2	1.73	16.1	5.3	1	197	0.2	1.07	0.3	7.6	25	22.5	1.83	5	0.05	0.07	12
1151698	409598	7088535	8N	0.2	2.03	12.3	2.8	0.5	249	0.2	0.7	0.2	7.8	32	25.5	2.02	6	0.04	0.06	12
1151699	409598	7088486	8N	0.2	1.83	11	2.8	1	231	0.2	0.83	0.5	7.6	26	18.8	1.76	5	0.04	0.06	13
1151700	409598	7088436	8N	0.1	1.57	11.1	7.7	1	200	0.2	0.76	0.3	7.7	25	21.7	1.88	5	0.05	0.06	12
1151701	410397	7088834	8N	0.7	1.12	834.1	23.3	0.5	276	2.6	0.39	1	11.3	31	85.2	3.61	4	0.06	0.13	42
1151702	410398	7088884	8N	1.6	1.84	1972.5	166.5	0.5	245	18	0.81	1	10.7	26	296	3.27	6	0.03	0.09	31
1151703	410400	7088935	8N	0.6	1.77	1390	23.2	0.5	264	5.3	0.55	0.2	9.7	25	113.6	2.65	5	0.02	0.07	22
1151704	410398	7088985	8N	0.4	1.47	483.7	26.6	0.5	240	8.4	1.1	0.5	9.2	21	57.7	2.28	4	0.03	0.06	20
1151705	410399	7089035	8N	0.4	1.91	518.5	17.3	1	281	1.9	0.9	0.8	9.6	23	44.3	2.28	6	0.05	0.06	23
1151706	410398	7089085	8N	0.3	1.44	315.5	10.1	2	234	2	1.03	0.6	7.3	20	29.8	1.88	4	0.03	0.07	22
1151707	410399	7089135	8N	0.2	1.41	173.9	5.5	1	244	1.3	0.96	0.7	8.1	18	25	1.79	4	0.03	0.06	18
1151708	410399	7089186	8N	0.1	1.43	102.3	3.6	0.5	278	1.1	0.82	0.5	8.6	23	22.9	2.02	4	0.04	0.07	22
1151709	410397	7089235	8N	0.3	2.15	43.3	2.6	1	327	0.9	1.56	0.5	8.4	24	21.6	1.68	5	0.05	0.04	18
1151710	410399	7089286	8N	0.2	1.87	99.5	3.1	0.5	314	0.9	0.8	0.4	8.8	24	25.7	2.08	5	0.03	0.05	20
1151711	410398	7089335	8N	0.2	2.09	87.7	12	0.5	299	0.7	0.65	0.4	10.6	26	25.3	2.23	6	0.06	0.04	19
1151712	410399	7089386	8N	0.2	1.97	182.8	4.8	0.5	269	1.1	0.41	0.3	8.7	25	25.8	2.25	6	0.07	0.04	20
1151713	410398	7089486	8N	0.05	1.7	91.4	7	2	181	0.5	0.39	0.2	9.1	23	17.5	2.25	5	0.03	0.04	16
1151714	410399	7089535	8N	0.05	1.88	63.4	6.2	2	212	0.7	0.65	0.3	8.4	26	19.2	2.14	6	0.03	0.06	18
1151715	410399	7089586	8N	0.05	1.85	40.3	4.2	2	228	0.5	0.64	0.2	8.9	26	16.3	2.26	6	0.02	0.05	15
1151716	410398	7089637	8N	0.05	1.47	36.2	11.4	0.5	211	0.4	0.64	0.3	8.1	24	19.7	2.1	4	0.04	0.07	19
1151717	410398	7089685	8N	0.05	1.64	33.1	5.1	3	209	1.4	0.68	0.2	8.6	24	18	2.14	5	0.02	0.06	18
1151718	410398	7089736	8N	0.1	1.88	28.8	5.8	2	268	0.4	0.59	0.3	9	27	20.2	2.26	6	0.03	0.06	17
1151719	410399	7089786	8N	0.05	1.57	36.4	3.3	0.5	216	0.3	0.56	0.3	8.6	25	15.4	1.93	5	0.04	0.04	17

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1151671	0.57	296	1.2	0.01	46.4	0.062	14.3	0.025	8	2.7	0.25	20	0.1	5.3	0.041	0.3	1.6	42	0.2	71
1151672	0.49	287	1.2	0.011	24.8	0.077	27.3	0.025	24.3	3	0.7	35	0.1	4.7	0.028	0.2	3.3	39	0.3	68
1151673	0.32	454	1.1	0.034	20.6	0.096	31.9	0.07	25.8	3.8	0.25	50	0.1	4.7	0.014	0.2	2.5	30	0.7	69
1151674	0.61	377	0.6	0.076	22.8	0.076	17.9	0.025	9.9	2.9	0.25	65	0.1	4.2	0.051	0.1	2.1	36	0.6	60
1151675	0.27	395	0.7	0.108	14.3	0.102	46.9	0.12	1.3	1.4	0.25	81	0.1	1.8	0.026	0.1	1	24	0.4	47
1151676	0.43	634	0.9	0.053	18.7	0.112	24.9	0.025	1	2.3	0.25	35	0.1	2.6	0.042	0.2	1	43	0.6	86
1151677	0.47	796	0.9	0.099	23.2	0.106	34.4	0.06	0.8	2.6	1	82	0.1	4.5	0.034	0.1	6.1	36	1.5	92
1151678	0.25	655	1.1	0.166	15.1	0.085	33.8	0.025	1.7	1.7	0.25	135	0.1	6.6	0.034	0.05	2.4	25	4.3	69
1151679	0.42	416	1.1	0.017	24.4	0.104	21.2	0.06	1	2.1	0.25	31	0.1	1.3	0.02	0.1	0.8	41	0.5	112
1151680	0.29	232	1.1	0.012	14.5	0.093	14.4	0.08	0.9	1.8	0.25	23	0.1	1.5	0.038	0.1	1.1	53	1.3	53
1151681	0.33	386	2.1	0.044	32.7	0.123	15.2	0.025	2.3	2.4	1.5	53	0.2	7.5	0.038	0.05	3.5	44	2.1	79
1151683	0.47	216	3.1	0.01	35.8	0.124	12.8	0.025	1.6	2.4	1.4	25	0.1	3.6	0.052	0.2	2.8	74	1.1	84
1151684	0.36	187	0.6	0.006	15.6	0.036	10	0.025	0.6	2.9	0.25	10	0.1	4.2	0.029	0.05	0.6	34	0.2	37
1151685	0.1	70	1.6	0.009	7.3	0.059	11.7	0.09	0.4	0.7	0.25	8	0.1	0.5	0.017	0.05	0.8	35	0.05	26
1151686	0.34	199	1	0.006	18	0.08	12.6	0.025	0.7	1.4	0.25	12	0.1	1.5	0.021	0.05	1.1	34	0.3	59
1151687	0.29	243	0.8	0.004	17	0.071	8.9	0.025	0.6	1.4	0.25	11	0.1	1.7	0.023	0.05	0.6	32	0.5	54
1151688	0.27	121	0.9	0.004	12.6	0.065	8.4	0.025	0.6	1	0.25	9	0.1	0.5	0.018	0.05	0.7	36	0.3	44
1151690	0.2	112	1.5	0.003	10.6	0.028	12.8	0.025	0.9	1	0.25	8	0.1	4.6	0.023	0.05	0.6	44	0.2	33
1151691	0.24	354	1.2	0.003	26.1	0.034	24	0.025	2	1.5	0.25	8	0.1	8.3	0.019	0.05	1.1	37	0.1	70
1151693	0.38	329	0.9	0.003	21.6	0.056	19.1	0.025	2.5	1.2	0.25	10	0.1	2.8	0.016	0.05	1.3	30	0.1	55
1151694	0.26	320	0.5	0.041	13.3	0.049	9.5	0.025	0.5	1.5	0.25	40	0.1	1.4	0.014	0.1	0.5	26	0.1	40
1151695	0.36	398	0.5	0.061	16.5	0.078	10.4	0.1	0.7	1.3	0.7	77	0.1	1	0.022	0.1	0.5	28	0.2	46
1151696	0.44	354	0.4	0.064	17.6	0.057	9.5	0.07	0.9	1.5	0.25	59	0.1	1.4	0.026	0.1	0.9	30	0.2	42
1151697	0.56	249	0.6	0.09	20.2	0.054	10.3	0.025	0.8	2.3	0.25	60	0.1	3.6	0.043	0.1	0.8	43	0.3	54
1151698	0.68	302	0.6	0.062	20.8	0.056	10.1	0.025	0.8	2.7	0.25	39	0.1	3.3	0.048	0.2	1.2	58	0.2	58
1151699	0.49	341	0.4	0.078	19	0.065	10.3	0.025	1.1	2.2	0.25	54	0.1	3.4	0.039	0.1	0.8	38	0.3	60
1151700	0.61	263	0.5	0.029	17.2	0.058	7.3	0.025	1	2.2	0.25	36	0.1	2.5	0.041	0.1	0.9	33	0.5	48
1151701	0.41	583	1.9	0.006	20.8	0.122	21	0.025	50.7	6.7	0.25	24	0.1	15	0.051	0.5	7.4	42	1.9	89
1151702	0.53	475	1	0.033	19.2	0.082	18.5	0.09	28.9	3.3	0.6	74	0.3	7.4	0.034	0.2	3	41	0.6	78
1151703	0.47	361	0.7	0.019	21.3	0.057	18.5	0.025	7.9	2.5	0.25	34	0.1	3.2	0.023	0.2	2	39	0.4	64
1151704	0.38	321	0.8	0.057	22.3	0.069	17	0.09	3.8	2.4	0.5	65	0.1	3.8	0.03	0.1	1.4	34	0.7	67
1151705	0.42	376	0.8	0.03	21.9	0.081	22.6	0.11	5.3	2.1	0.9	49	0.1	2.5	0.024	0.1	1.8	37	0.3	69
1151706	0.4	212	0.4	0.059	18.1	0.065	19.2	0.025	4.8	2.5	0.25	72	0.1	5.8	0.033	0.1	1.4	30	0.6	59
1151707	0.36	234	0.4	0.069	19.9	0.074	17.7	0.025	2.1	2.1	0.25	80	0.1	4.3	0.03	0.05	1	30	1.4	55
1151708	0.38	319	0.7	0.042	20.1	0.077	12.2	0.05	3.2	2.8	0.25	64	0.1	6.2	0.042	0.1	1.3	36	0.7	64
1151709	0.42	353	0.3	0.084	20.1	0.085	21	0.13	1.7	2	0.25	104	0.1	3.6	0.025	0.05	1.3	29	0.3	52
1151710	0.47	327	0.7	0.037	24.4	0.075	15.1	0.1	2.7	2.7	0.25	69	0.1	3.9	0.025	0.05	1.4	36	0.3	69
1151711	0.45	425	0.6	0.031	24.7	0.077	17.8	0.1	1.5	2.6	0.25	39	0.1	2.8	0.025	0.1	1.5	42	0.5	66
1151712	0.43	122	0.6	0.019	22.4	0.083	21.1	0.12	3.7	2.8	1.1	40	0.1	3.5	0.025	0.1	1.9	39	0.6	67
1151713	0.4	419	0.6	0.013	19.8	0.066	12	0.025	0.9	1.9	0.25	21	0.1	2.3	0.028	0.05	1.3	41	0.4	62
1151714	0.45	366	0.6	0.046	20.6	0.073	13.2	0.025	1.1	2.3	0.5	41	0.1	3.2	0.032	0.1	1.2	39	0.4	62
1151715	0.43	416	0.7	0.031	19	0.064	12.1	0.05	1.5	2.2	0.7	38	0.1	2.2	0.033	0.1	0.9	42	0.4	58
1151716	0.43	350	0.6	0.051	20.8	0.088	8.7	0.025	1.1	2.5	0.25	42	0.1	5.6	0.043	0.1	0.8	44	0.7	58
1151717	0.45	320	0.6	0.052	21	0.065	10.7	0.025	1.5	2.2	0.25	45	0.1	4	0.041	0.1	0.8	39	0.8	59
1151718	0.44	290	0.5	0.028	22	0.078	12	0.025	1.4	2.6	0.25	32	0.1	3.6	0.038	0.1	1.2	41	0.5	62
1151719	0.42	234	0.5	0.016	16.7	0.073	9.8	0.09	3.2	2.5	0.25	41	0.1	2.8	0.031	0.05	0.9	37	0.4	54

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1151720	410399	7089886	8N	0.2	1.92	253.4	6.3	2	211	0.6	1	0.2	8.4	31	20.9	2.44	6	0.04	0.06	21
1151721	410398	7089985	8N	0.2	1.65	130.4	15.8	2	189	0.9	0.66	0.3	10.1	28	24.5	2.25	5	0.05	0.05	17
1151722	410399	7090036	8N	0.2	1.7	31.9	2.8	1	236	0.6	0.69	0.5	10.5	28	25.4	2.26	5	0.06	0.06	16
1151723	410398	7090085	8N	0.3	2.11	40.5	2.8	4	339	1	1.01	0.7	11.9	34	29.5	2.48	7	0.05	0.07	18
1151724	410399	7090137	8N	0.3	2.16	39.2	9	5	293	1.1	1.25	0.5	9.4	31	25.1	2.2	6	0.06	0.07	17
1151725	410399	7090187	8N	0.2	4.03	32.1	3.5	4	297	0.7	2.45	0.5	10.6	51	20.3	2.87	12	0.03	0.25	19
1151726	410399	7090237	8N	0.2	1.8	66.5	1.8	3	243	1	0.41	0.4	8.8	29	22.5	2.45	6	0.03	0.06	12
1151801	410297	7089485	8N	0.2	1.68	57.3	6.3	2	220	0.5	0.69	0.2	10.5	24	17.5	2.11	5	0.03	0.04	17
1151802	410298	7089537	8N	0.1	1.82	61.6	3.6	1	263	0.9	0.5	0.2	8.2	26	18.1	1.96	5	0.03	0.05	17
1151803	410300	7089585	8N	0.1	1.76	150.5	1.8	2	215	0.5	0.58	0.3	8.9	26	17.4	2.24	5	0.03	0.04	17
1151804	410298	7089636	8N	0.05	1.92	40.2	6.8	2	267	0.7	0.38	0.2	8.8	25	22	2.2	5	0.03	0.04	18
1151805	410298	7089687	8N	0.1	2.08	39.6	20.9	2	240	1.1	0.92	0.4	9.8	29	20.9	2.13	6	0.04	0.06	17
1151806	410300	7089735	8N	0.05	1.75	21.8	5.5	1	228	0.3	0.52	0.2	8.8	27	19.7	2.24	5	0.03	0.06	16
1151807	410298	7089786	8N	0.1	1.79	35.9	6.9	1	247	0.8	0.66	0.2	8.1	31	20.2	2.18	6	0.04	0.06	20
1151808	410299	7089836	8N	0.2	1.17	140	9.7	2	262	1	0.5	0.3	13.4	24	26	2.89	3	0.03	0.07	28
1151809	410299	7089885	8N	0.2	1.72	56.2	12.7	2	225	0.5	0.73	0.5	8.2	27	68.7	2.21	6	0.07	0.05	17
1151810	410297	7089937	8N	0.2	1.47	149.4	12.2	3	201	1.1	0.83	0.3	8.2	24	45.6	2.06	4	0.03	0.05	14
1151811	410297	7089985	8N	0.2	1.19	239.1	15.4	2	222	3.3	0.48	0.4	8.8	23	37.1	2.1	4	0.02	0.07	17
1151812	410298	7090035	8N	0.1	1.28	143.6	3.4	1	165	0.9	0.37	0.1	10.2	24	17.6	2.08	4	0.03	0.04	11
1151813	410299	7090086	8N	0.2	1.95	31	3.3	3	349	0.6	0.72	0.4	10.5	32	25.3	2.51	6	0.04	0.07	17
1151814	410299	7090133	8N	0.2	2.22	24.5	1.9	2	252	0.5	0.77	0.3	10.5	36	21.1	2.42	7	0.04	0.07	16
1151815	410298	7090184	8N	0.2	1.65	43.5	1.3	2	245	0.7	0.58	0.4	8.7	28	22.1	2.17	5	0.05	0.05	13
1151816	410297	7090235	8N	0.6	1.26	118.5	5.7	7	251	1.1	0.88	0.9	11.1	29	39.7	2.54	4	0.1	0.06	19
1151817	410299	7090283	8N	0.7	1.37	123.3	4.4	10	250	1.8	1.14	1.5	10.3	22	61.5	1.73	4	0.08	0.05	14
1151818	415431	7088478	8N	0.6	3.02	67.3	3.1	0.5	161	0.3	0.08	0.4	61.4	273	79	5.7	8	0.03	0.03	20
1151819	406374	7083711	8N	0.05	1.21	8.4	4.1	0.5	169	0.2	0.14	0.2	10.7	28	31.2	2.32	4	0.01	0.05	20
1151820	404089	7078777	8N	0.1	1.38	26.3	2.7	1	105	0.3	0.13	0.2	11.7	26	29.6	2.62	4	0.02	0.06	25
1151821	404120	7078736	8N	0.05	1.18	20	4.7	2	100	0.2	0.17	0.3	12	23	24.1	2.33	3	0.02	0.06	23
1151822	407457	7081506	8N	0.05	0.7	13.4	3.3	0.5	161	0.2	0.07	0.2	17	12	33	3.06	2	0.02	0.03	39
1151823	407507	7081504	8N	0.05	1.02	11.4	4.8	0.5	199	0.2	0.13	0.1	7.8	19	23.3	2.11	3	0.05	0.04	18
1151824	404033	7078862	8N	0.05	1.9	39.2	13.8	1	173	0.3	0.13	0.1	16.6	31	37.2	3.41	5	0.03	0.26	28
1151825	404062	7078819	8N	0.05	1.29	18.7	1.2	0.5	93	0.3	0.1	0.05	9	21	23.5	2.15	4	0.02	0.06	16
1151828	408440	7075605	8N	0.4	1.25	18.4	4.5	0.5	182	0.2	0.15	0.3	6.3	18	14.4	2.06	4	0.03	0.07	22
1151829	408474	7075642	8N	0.7	1.37	24.6	6.8	1	184	0.3	0.15	0.2	7.3	18	21.3	2.7	4	0.03	0.08	31
1151830	408508	7075680	8N	0.4	1.11	24.5	5.6	0.5	134	0.3	0.13	0.2	11.2	16	23.3	2.79	3	0.03	0.08	34
1151831	408541	7075719	8N	0.7	1	33.8	4.4	0.5	148	0.3	0.24	0.4	10.4	14	28	2.64	3	0.02	0.11	33
1151832	408572	7075760	8N	0.3	0.96	34	8	1	88	0.4	0.16	0.3	14.6	15	27.8	2.94	3	0.03	0.08	36
1151833	408609	7075794	8N	0.7	0.89	40.7	10.5	0.5	64	0.3	0.2	0.1	10.8	13	33.6	2.7	3	0.03	0.08	36
1151834	407894	7085963	8N	0.5	1.03	21	3.2	0.5	280	0.3	0.15	1.1	13.4	17	37.6	2.95	3	0.02	0.07	25
1151835	407843	7085971	8N	0.2	1.07	11.7	3	0.5	317	0.2	0.15	0.4	11.1	22	29.2	2.31	3	0.04	0.06	22
1151836	407793	7085980	8N	0.1	1.26	12.6	4.3	1	187	0.2	0.14	0.2	9.7	21	25.3	2.43	3	0.04	0.06	19
1151837	407742	7085984	8N	0.05	1.09	15	2.7	1	83	0.2	0.07	0.3	12.9	20	20.7	2.57	4	0.02	0.06	18
1151838	407692	7085993	8N	0.2	0.82	15.6	9.9	0.5	94	0.2	0.06	0.3	7.4	15	19.5	2.08	3	0.03	0.05	22
1151839	407642	7086002	8N	0.05	1.08	11.5	3.4	1	98	0.2	0.07	0.4	8.8	17	22.1	2.21	3	0.03	0.06	21
1151840	407590	7086007	8N	0.05	0.79	7.7	2.2	0.5	102	0.2	0.08	0.3	7.7	17	18.8	1.91	3	0.03	0.04	22
1151841	407539	7086015	8N	0.05	0.88	8.5	2.1	1	94	0.2	0.09	0.2	6.5	17	15.8	1.86	3	0.04	0.05	20

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1151720	0.61	305	0.4	0.053	21.4	0.08	12.1	0.12	28.1	4	1	72	0.1	3.8	0.039	0.1	2.9	43	0.4	74
1151721	0.46	411	0.8	0.014	20.6	0.091	10.2	0.16	21.7	2.4	1	33	0.1	1.8	0.024	0.2	3.8	42	0.3	83
1151722	0.55	413	0.5	0.031	21.6	0.062	16.3	0.12	1	3.2	0.25	40	0.1	3	0.035	0.1	1.2	47	0.2	73
1151723	0.69	505	0.5	0.052	25	0.075	25.3	0.07	2	3.7	0.25	63	0.1	4.6	0.048	0.2	1.8	46	0.4	92
1151724	0.64	354	0.6	0.057	21.3	0.076	24.5	0.07	2.6	2.9	0.7	72	0.1	2.6	0.048	0.2	1.4	43	0.6	76
1151725	1.3	380	0.4	0.292	23.6	0.086	19.1	0.025	1.4	6	0.25	193	0.1	6.7	0.128	0.3	1	57	0.4	79
1151726	0.51	428	1	0.009	19.5	0.077	43.6	0.025	2.2	1.9	0.5	27	0.1	1	0.019	0.2	0.9	54	0.5	87
1151801	0.4	366	0.6	0.042	19.7	0.057	14.3	0.025	1.4	2.2	0.25	46	0.1	5	0.032	0.1	1.3	33	0.3	49
1151802	0.48	240	0.6	0.019	19.6	0.077	14.2	0.025	1.7	2.5	0.25	48	0.1	4	0.029	0.1	1.5	36	0.3	65
1151803	0.42	357	0.8	0.036	22.2	0.082	12.6	0.025	1.4	2.2	0.25	47	0.1	2.6	0.027	0.1	2.6	39	0.4	66
1151804	0.41	340	0.7	0.019	24	0.072	11	0.025	1.3	2.6	0.5	30	0.1	3.8	0.036	0.05	1.1	39	0.6	61
1151805	0.5	393	0.7	0.076	23.5	0.082	12.2	0.025	1.3	2.4	0.25	60	0.1	3.2	0.041	0.1	1.2	39	0.6	62
1151806	0.47	244	0.6	0.031	21.1	0.073	11.1	0.025	2.1	2.5	0.25	35	0.1	3.4	0.041	0.1	1	40	0.4	58
1151807	0.57	345	0.5	0.049	20.8	0.081	10.3	0.025	2	2.8	0.25	68	0.1	4.7	0.052	0.2	0.8	40	0.3	53
1151808	0.34	555	0.8	0.01	29	0.097	13.5	0.025	102.8	4.3	0.25	47	0.1	8.2	0.025	0.2	1	34	0.3	75
1151809	0.5	226	0.8	0.012	33.6	0.105	10.9	0.025	27.4	3.1	0.25	54	0.1	5	0.028	0.1	1	61	0.2	95
1151810	0.57	248	0.8	0.018	28	0.073	10.9	0.025	38.6	2.8	0.25	88	0.1	3.8	0.022	0.1	1.3	48	0.3	73
1151811	0.46	218	1	0.011	23.3	0.086	9.8	0.025	20.5	2.3	0.25	30	0.1	5.3	0.042	0.2	1.5	38	0.6	62
1151812	0.43	688	1.7	0.007	17.4	0.059	9.4	0.025	10.1	1.7	0.25	22	0.1	1.8	0.026	0.2	1.6	43	0.4	55
1151813	0.66	650	0.7	0.046	24.6	0.075	16.1	0.025	1.8	3.3	0.7	53	0.1	4.2	0.051	0.2	1.5	45	0.4	69
1151814	0.82	276	0.4	0.066	23.9	0.068	16.5	0.025	1.2	3.4	0.25	64	0.1	4.2	0.071	0.2	1.1	43	0.4	74
1151815	0.49	329	0.9	0.017	22.7	0.069	29.7	0.025	2.1	2.4	0.8	34	0.1	2.3	0.029	0.2	1.1	45	0.5	79
1151816	0.49	234	0.9	0.026	26.6	0.104	39.8	0.025	6.7	4.1	0.7	44	0.1	5.5	0.03	0.2	0.8	48	0.6	87
1151817	0.47	416	0.4	0.031	20.7	0.073	31.6	0.05	1.9	2.3	0.6	48	0.1	2.3	0.029	0.2	1.2	32	0.3	127
1151818	2.39	2048	0.7	0.002	200.3	0.052	48.8	0.025	3.5	9.3	0.25	10	0.1	5.2	0.011	0.1	1	85	0.05	90
1151819	0.48	397	0.7	0.005	27.7	0.048	11	0.025	1.4	3	0.25	13	0.1	4.4	0.035	0.05	0.9	39	0.1	54
1151820	0.47	547	0.8	0.005	25.2	0.057	15.3	0.025	0.5	2.4	0.25	12	0.1	5	0.037	0.1	1.2	36	0.2	74
1151821	0.4	540	0.7	0.006	25.4	0.066	12.8	0.025	0.6	2.2	0.25	14	0.1	5.3	0.043	0.05	0.9	35	0.2	71
1151822	0.22	392	0.8	0.005	34.4	0.029	16.9	0.025	7.5	1.8	0.25	10	0.1	11.3	0.01	0.05	1.7	15	0.05	78
1151823	0.35	290	0.8	0.006	19.9	0.042	12.1	0.025	1.6	2.2	0.8	12	0.1	4.4	0.018	0.05	1	27	0.1	51
1151824	0.71	759	0.8	0.006	32.2	0.055	21.1	0.025	0.6	3.7	0.25	14	0.1	8.6	0.058	0.2	1.3	39	0.1	93
1151825	0.4	312	0.6	0.005	17.6	0.052	14.6	0.025	0.4	1.5	0.25	11	0.1	2.2	0.024	0.05	0.7	31	0.2	52
1151828	0.33	272	0.8	0.006	15.8	0.031	18.1	0.025	0.7	1.3	0.25	15	0.1	3.5	0.015	0.1	0.6	29	0.2	57
1151829	0.4	292	0.6	0.005	20.1	0.05	23.1	0.025	0.7	1.5	0.25	15	0.1	7.1	0.008	0.1	0.9	20	0.2	65
1151830	0.34	561	0.7	0.004	21.9	0.041	24.6	0.025	1	1.3	0.25	13	0.1	10.8	0.009	0.1	0.9	19	0.1	69
1151831	0.36	502	0.7	0.005	23.9	0.051	32.5	0.025	1.1	1.9	0.25	20	0.1	11.7	0.01	0.1	0.9	17	0.05	80
1151832	0.32	633	0.8	0.004	25.5	0.035	29.5	0.025	1.8	1.1	0.7	15	0.1	12.9	0.002	0.1	1	11	0.05	75
1151833	0.3	469	0.4	0.003	25.9	0.042	28.8	0.025	2.5	1.3	0.25	20	0.1	14.1	0.002	0.2	1.6	8	0.1	68
1151834	0.42	526	0.7	0.004	30.7	0.046	142.8	0.025	18.9	1.9	0.25	16	0.1	9.4	0.017	0.1	1.1	23	0.05	156
1151835	0.38	464	1.1	0.004	24.9	0.054	30.1	0.025	4.6	2.5	0.25	16	0.1	5.3	0.03	0.1	1.4	33	0.1	71
1151836	0.41	362	0.9	0.005	21	0.054	29.7	0.025	3.2	2.9	0.25	13	0.1	3.5	0.025	0.1	1.2	36	0.2	69
1151837	0.34	516	0.9	0.004	20.3	0.04	25.7	0.025	5.4	1.4	0.25	8	0.1	3.5	0.02	0.1	0.7	33	0.2	79
1151838	0.25	227	0.8	0.003	16.8	0.032	39.8	0.025	6.4	1.4	0.25	7	0.1	3.5	0.014	0.1	0.8	26	0.1	88
1151839	0.28	310	0.8	0.004	19	0.038	25.1	0.025	4.8	1.8	0.25	8	0.1	6.5	0.014	0.1	0.9	27	0.1	77
1151840	0.28	206	0.7	0.003	17.4	0.03	20.1	0.025	4.2	1.5	0.25	8	0.1	4.9	0.019	0.1	0.8	26	0.1	64
1151841	0.29	207	0.7	0.004	15.5	0.036	18.9	0.025	3	1.5	0.25	8	0.1	2.8	0.02	0.1	0.8	29	0.1	55

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1151842	407488	7086021	8N	0.05	0.88	7.8	2.5	0.5	108	0.1	0.09	0.2	6.4	17	15.8	1.82	3	0.03	0.04	20
1151843	407438	7086031	8N	0.05	0.93	8.6	2.3	0.5	90	0.2	0.07	0.1	5.9	18	15.7	1.98	3	0.03	0.04	19
1151844	407389	7086047	8N	0.05	0.98	9	2	0.5	91	0.1	0.07	0.1	6.1	18	14.2	1.93	3	0.02	0.04	15
1151845	407338	7086058	8N	0.05	1.01	9.3	2.6	0.5	137	0.2	0.1	0.2	7.2	19	17.2	1.86	3	0.03	0.04	17
1151847	407240	7086088	8N	0.05	0.91	11.9	3.4	0.5	77	0.2	0.07	0.3	8.8	16	15.7	2.27	3	0.02	0.05	19
1151848	407191	7086099	8N	0.05	0.97	11.8	34.8	0.5	65	0.2	0.12	0.2	7.9	18	14.6	2.6	3	0.04	0.04	16
1151849	407139	7086107	8N	0.2	1.22	12.2	9.3	0.5	144	0.2	0.14	0.3	8.1	22	19.2	2.53	4	0.11	0.05	19
1151850	407090	7086122	8N	0.4	1.47	23.5	10	0.5	181	0.2	0.3	0.3	12.4	23	20.3	3.05	3	0.07	0.06	21
1151881	405589	7081925	8N	0.05	1.03	7.1	3.1	0.5	110	0.2	0.07	0.05	10.8	18	28.5	2.85	3	0.01	0.04	39
1151882	405540	7081944	8N	0.05	1.11	10.3	1.3	0.5	74	0.2	0.07	0.05	12.1	22	20.3	2.68	3	0.03	0.04	24
1151883	405496	7081965	8N	0.05	1.42	8.6	3.4	0.5	83	0.2	0.08	0.05	7.5	24	16.9	2.63	4	0.04	0.04	19
1151884	405450	7081988	8N	0.05	1.4	15.3	3.6	0.5	84	0.3	0.07	0.2	13.5	43	31.3	3.28	4	0.02	0.05	26
1151885	405409	7082018	8N	0.05	1.16	10.2	2.3	0.5	76	0.2	0.1	0.2	7.9	26	19.7	2.47	4	0.02	0.04	22
1151886	405366	7082043	8N	0.05	1.17	7.9	7	0.5	100	0.2	0.08	0.05	6.1	23	18.9	2.29	4	0.03	0.04	23
1151887	405333	7082083	8N	0.1	1.24	12	6.8	0.5	130	0.2	0.11	0.1	8.7	22	27.2	2.47	4	0.04	0.05	22
1151888	405295	7082117	8N	0.05	1.11	8.8	4.9	0.5	105	0.2	0.08	0.05	6.3	20	17.2	2.23	3	0.04	0.04	20
1151889	405262	7082155	8N	0.05	1.01	9.6	1.1	1	66	0.1	0.09	0.2	8.6	18	16.1	2.29	3	0.04	0.04	18
1151890	405229	7082195	8N	0.05	1.13	9.9	2.2	1	96	0.2	0.11	0.2	8.7	21	21.7	2.47	4	0.03	0.05	19
1151891	405213	7082244	8N	0.05	1.23	13.7	4.9	0.5	92	0.2	0.09	0.1	8.4	23	19.6	2.61	4	0.04	0.04	18
1151892	405188	7082289	8N	0.1	1.01	8.7	3.3	0.5	116	0.2	0.09	0.1	7.2	20	18.9	2.21	3	0.03	0.04	22
1151893	405157	7082329	8N	0.1	1.2	11.7	3.1	1	173	0.2	0.1	0.1	8.9	24	28.3	2.52	4	0.04	0.05	22
1151894	405128	7082370	8N	0.05	1.38	14.1	2.5	0.5	128	0.3	0.11	0.4	11	24	38.4	2.74	4	0.05	0.05	23
1151895	405100	7082415	8N	0.05	1.2	10.8	13.2	0.5	64	0.3	0.09	0.2	6.6	21	23.8	2.47	4	0.04	0.04	26
1151896	405091	7082465	8N	0.1	1.24	9.4	7.5	0.5	94	0.2	0.1	0.2	9	21	24.5	2.33	3	0.04	0.04	19
1151897	405066	7082508	8N	0.05	1.24	10.2	2	0.5	110	0.3	0.11	0.1	7.1	23	24.6	2.35	4	0.05	0.04	23
1151898	405040	7082553	8N	0.05	1.18	11.1	3.9	0.5	80	0.3	0.1	0.1	7.7	22	22.4	2.4	4	0.05	0.04	26
1151899	405007	7082593	8N	0.2	1.04	11.5	3.5	0.5	99	0.3	0.09	0.2	9.1	19	29.8	2.47	3	0.03	0.04	33
1151900	404978	7082634	8N	0.05	1.2	19.4	2.5	0.5	116	0.2	0.1	0.1	7.7	21	21.8	2.23	4	0.04	0.04	20
1151987	409198	7088735	8N	0.2	1.57	27.1	6.1	2	274	1.2	0.81	0.4	8.6	22	35.3	1.91	5	0.04	0.06	17
1151988	409198	7088687	8N	0.2	1.74	29.1	6	4	320	0.8	1.37	0.5	9	26	38.7	2.12	5	0.06	0.09	15
1151989	409199	7088635	8N	0.3	2.13	31.2	3.3	3	326	0.8	1.54	0.4	10.4	34	50.8	2.24	6	0.05	0.12	17
1151990	409195	7088586	8N	0.3	1.7	42.5	2.4	4	315	0.6	1.43	0.6	8.8	32	47.5	2.11	5	0.02	0.12	12
1151991	409197	7088535	8N	0.3	1.52	34.2	2.3	3	330	0.3	1.29	0.5	8.8	29	41.1	2.05	5	0.04	0.08	13
1151992	409196	7088485	8N	0.4	1.41	16.1	5	3	266	0.6	1.25	1.8	7.9	24	39.1	1.79	4	0.05	0.07	13
1151993	409196	7088436	8N	0.8	2.39	170.5	54.8	3	232	5.3	1.31	0.7	13.8	37	118.1	2.38	8	0.06	0.16	14
1151994	409200	7088386	8N	0.4	2.12	103.7	8	4	229	1.5	2.1	0.6	10.5	29	63.5	2.09	6	0.06	0.14	17
1151995	409202	7088340	8N	0.2	3.05	45.7	3.4	3	271	0.6	1.76	0.3	9.5	39	36.3	2.36	8	0.02	0.2	15
1151996	409197	7088290	8N	0.2	1.5	29.8	26.5	3	345	0.7	0.44	0.2	9.3	32	20.7	2.59	5	0.03	0.14	26
1151997	409199	7088239	8N	0.2	1.36	25.6	12.5	4	357	0.6	0.43	0.4	9.7	31	21.4	2.43	5	0.04	0.12	35
1151998	409198	7088186	8N	0.3	1.73	33.2	37.1	3	410	0.8	0.39	0.2	9.8	35	21.2	2.91	6	0.05	0.12	32
1151999	409196	7088090	8N	0.2	1.31	25.9	15	1	314	0.6	0.39	0.2	8.8	31	22	2.3	5	0.03	0.15	33
1152000	409197	7088038	8N	0.1	1.41	23.3	5.9	2	301	0.6	0.31	0.2	8.6	29	17.9	2.35	5	0.03	0.12	28
1154701	402976	7075453	8N	0.4	1.16	144	6.5	0.5	137	0.6	0.15	1.2	10.5	20	17.6	2.23	4	0.04	0.07	16
1154702	402929	7075445	8N	0.4	0.24	107.8	0.25	0.5	64	0.3	1.81	0.4	14.5	11	2.3	2.7	0.5	0.005	0.07	34
1154704	402878	7075439	8N	0.2	1.06	118.5	7	0.5	89	1.2	0.09	0.7	10.7	22	17.1	2.53	4	0.03	0.04	17
1154705	402827	7075429	8N	0.4	1.16	162.8	5	0.5	112	1.3	0.08	0.6	6.6	21	18.4	2.57	5	0.05	0.05	15

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1151842	0.26	214	0.7	0.004	14.6	0.031	25.1	0.025	2.6	1.5	0.25	9	0.1	2.8	0.017	0.05	0.8	29	0.1	50
1151843	0.24	208	0.8	0.003	13.8	0.033	23.6	0.025	3.3	1.4	0.25	8	0.1	2.8	0.015	0.1	0.8	30	0.1	47
1151844	0.25	202	0.7	0.003	13.6	0.033	17.3	0.025	2.5	1.2	0.25	7	0.1	1.9	0.017	0.05	0.7	32	0.2	47
1151845	0.28	230	0.7	0.004	16.1	0.042	15.7	0.025	1.8	1.8	0.25	10	0.1	2.2	0.02	0.05	0.8	32	0.1	49
1151847	0.23	499	0.9	0.004	14.8	0.045	38.5	0.025	10.3	1.1	0.25	8	0.1	1.9	0.015	0.2	0.8	30	0.2	64
1151848	0.25	303	0.8	0.004	17.4	0.056	27.1	0.025	3.8	1.3	0.25	10	0.1	3.3	0.021	0.2	0.6	33	0.4	60
1151849	0.34	328	1	0.005	19	0.064	31.4	0.025	4.3	1.8	0.25	13	0.1	2.1	0.019	0.4	1.1	35	0.2	70
1151850	0.31	460	0.9	0.006	24.6	0.058	50.6	0.025	7.2	2.1	0.25	29	0.1	2.6	0.01	0.2	1.6	32	0.2	90
1151881	0.32	262	0.9	0.004	25.3	0.034	17.9	0.025	4.9	1.1	0.25	9	0.1	7.9	0.017	0.05	1.5	26	0.05	62
1151882	0.29	225	0.8	0.004	27.2	0.031	15.9	0.025	3.5	1	0.25	7	0.1	5	0.011	0.1	0.8	30	0.1	54
1151883	0.34	207	1	0.005	16.5	0.051	13.5	0.025	1.1	0.7	0.5	8	0.1	0.9	0.013	0.1	0.9	39	0.1	45
1151884	0.47	326	1.1	0.004	38.6	0.053	17.4	0.025	2.9	1.3	0.25	10	0.1	3.2	0.014	0.1	1.5	39	0.1	71
1151885	0.38	246	1	0.005	21.2	0.047	11.5	0.025	1.6	1	0.25	10	0.1	2.2	0.019	0.1	1	36	0.2	59
1151886	0.38	177	0.7	0.004	18.3	0.032	11.2	0.025	1.5	1.1	0.25	9	0.1	3.1	0.023	0.05	1	34	0.1	49
1151887	0.36	228	0.9	0.005	20.8	0.054	15	0.025	1.6	1.7	0.25	10	0.1	4.1	0.027	0.1	1.4	39	0.2	56
1151888	0.31	220	0.8	0.004	14.7	0.044	11.8	0.025	1	1.3	0.25	8	0.1	3.6	0.021	0.1	1	34	0.2	47
1151889	0.28	329	0.9	0.005	20.4	0.047	15.4	0.025	1.1	0.9	0.25	8	0.1	2.8	0.022	0.05	0.9	32	0.2	51
1151890	0.33	245	1	0.005	23.3	0.053	13.5	0.025	1.3	1.3	0.25	10	0.1	2.3	0.028	0.1	0.9	38	0.2	60
1151891	0.36	273	1.1	0.005	21.6	0.046	25.6	0.025	1.9	1.4	0.25	9	0.1	3.8	0.029	0.1	1.1	41	0.2	62
1151892	0.32	200	0.8	0.005	16.7	0.045	14.1	0.025	1.1	1.2	0.25	9	0.1	3.4	0.019	0.1	0.9	32	0.1	50
1151893	0.38	256	0.9	0.005	21.5	0.05	15.6	0.025	1.5	1.7	0.25	10	0.1	4.1	0.031	0.1	1.1	38	0.2	60
1151894	0.43	342	1	0.006	23.3	0.069	18.4	0.025	1.5	3.3	0.6	14	0.1	5.5	0.039	0.1	2	39	0.2	65
1151895	0.37	206	0.9	0.005	18	0.049	18.6	0.025	1.6	1.4	0.25	11	0.1	2.8	0.025	0.05	1.4	32	0.1	56
1151896	0.36	200	0.9	0.005	19.9	0.045	17.8	0.025	1.2	1.5	0.25	9	0.1	4.8	0.025	0.05	1.3	35	0.1	57
1151897	0.36	246	0.8	0.007	18	0.054	17.4	0.025	1.4	2	0.25	13	0.1	3.6	0.034	0.1	1.4	35	0.2	56
1151898	0.34	241	0.9	0.005	18	0.058	21.1	0.025	2.2	1.7	0.25	12	0.1	2.7	0.03	0.1	1.5	34	0.1	55
1151899	0.34	256	0.7	0.005	21.8	0.051	30.7	0.025	2.5	2.2	0.25	11	0.1	8.2	0.032	0.05	1.8	29	0.1	65
1151900	0.36	244	0.7	0.006	16.9	0.054	16.8	0.025	1.2	2.1	0.25	12	0.1	2.9	0.033	0.05	1.4	36	0.1	50
1151987	0.45	339	0.5	0.038	18.9	0.072	10.5	0.025	0.9	2.2	0.25	43	0.1	2.1	0.033	0.1	0.9	34	0.5	53
1151988	0.63	312	0.5	0.078	21.5	0.07	11.2	0.025	1.3	2.7	0.8	62	0.1	3.6	0.052	0.2	1.9	44	0.4	59
1151989	0.87	343	0.5	0.072	24.7	0.068	15.6	0.06	2	3.2	1.3	63	0.1	3.1	0.066	0.3	2.6	46	0.2	72
1151990	0.81	389	0.9	0.026	23.8	0.079	10.7	0.07	2.3	2.6	0.8	62	0.1	2.9	0.059	0.2	2.5	51	0.2	74
1151991	0.68	657	0.8	0.022	20.7	0.081	12.2	0.08	2.8	2.2	0.9	61	0.1	1.8	0.043	0.2	2	49	0.2	83
1151992	0.62	236	0.4	0.016	19.1	0.087	18.5	0.07	4.4	2.2	0.25	56	0.1	2.2	0.04	0.2	2.4	45	0.2	98
1151993	1.2	470	1.2	0.064	32.3	0.084	12.6	0.05	2.5	3.2	1.7	81	0.1	3.2	0.074	0.3	3.3	78	0.8	89
1151994	0.9	500	0.6	0.087	23.5	0.073	13.3	0.06	2	2.7	1	112	0.1	3.4	0.056	0.3	2.5	46	0.5	73
1151995	1.52	344	0.4	0.191	23.8	0.053	9.6	0.025	1.1	3.4	0.25	124	0.1	4.7	0.102	0.3	1	48	0.7	61
1151996	0.59	404	1.4	0.013	21.1	0.097	10.7	0.025	1.9	2.9	0.25	34	0.1	9.4	0.079	0.3	3.5	52	1.6	82
1151997	0.54	460	1.1	0.011	19.4	0.089	10.5	0.025	1.6	3	0.25	34	0.1	10	0.08	0.3	6	47	1.4	76
1151998	0.57	443	1.5	0.011	19.7	0.087	12.9	0.025	1.8	3.5	0.6	35	0.1	8.1	0.087	0.4	5.5	58	1	79
1151999	0.55	352	1	0.01	18.9	0.096	10.6	0.025	1.8	3.5	0.6	29	0.1	12.7	0.099	0.4	5.1	45	1.1	69
1152000	0.56	345	1	0.009	18.6	0.095	10.2	0.025	1.6	2.6	0.25	28	0.1	11.8	0.083	0.3	4.3	45	1.6	68
1154701	0.38	597	0.8	0.005	18.2	0.075	46.9	0.08	0.6	1	1	16	0.1	0.9	0.015	0.1	1	31	0.2	88
1154702	0.1	1122	0.2	0.002	24.2	0.068	7.3	0.025	1.7	2.9	0.25	24	0.1	15.5	0.002	0.3	0.8	10	0.2	43
1154704	0.34	592	1	0.004	17.7	0.05	26.2	0.025	0.7	1.2	0.25	10	0.1	2.1	0.018	0.1	0.9	35	0.2	89
1154705	0.27	417	1.2	0.004	14.5	0.067	21.9	0.08	0.6	0.7	0.9	11	0.1	0.4	0.016	0.2	1.1	39	0.2	67

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1154706	402776	7075433	8N	0.2	1.18	227.4	8.6	0.5	109	2	0.08	0.3	10.7	22	20.8	2.45	4	0.01	0.1	17
1154707	402728	7075413	8N	0.2	0.93	271.8	0.7	0.5	92	2.6	0.14	0.6	7.3	20	16.4	2.35	3	0.03	0.07	17
1154708	402678	7075408	8N	0.4	1.27	233.7	4.5	0.5	94	2.4	0.08	0.2	6.4	22	19.3	2.52	4	0.04	0.07	16
1154709	402629	7075413	8N	0.3	0.74	144.4	1.3	0.5	98	1.7	0.08	0.2	4	16	13.7	1.53	3	0.04	0.05	11
1154710	402579	7075405	8N	0.2	1.25	222.2	2.4	2	98	2.1	0.1	0.2	6.7	22	18.9	2.62	5	0.03	0.08	16
1154711	402528	7075392	8N	0.1	1.32	201.4	4.3	0.5	123	1.6	0.11	0.2	9	23	18.5	2.46	4	0.02	0.1	17
1154712	402478	7075385	8N	0.05	1.09	115.9	4	0.5	76	1.3	0.07	0.05	5.4	22	13.6	2.3	4	0.02	0.05	13
1154713	402432	7075383	8N	0.2	1.14	129.5	3.3	0.5	82	1.3	0.08	0.1	5.2	20	14.9	2.08	4	0.03	0.05	13
1154714	402071	7076283	8N	0.05	0.84	47.7	2.6	0.5	45	0.3	0.05	0.2	4.5	18	14.3	1.93	5	0.06	0.04	15
1154715	402048	7076237	8N	0.5	1.17	125.4	8	0.5	134	0.4	0.12	0.3	8.5	19	30.3	2.62	4	0.04	0.06	23
1154716	402092	7076329	8N	0.6	0.45	16.7	1.2	0.5	36	0.2	0.03	0.2	1	9	7.9	0.67	3	0.1	0.03	13
1154717	402111	7076376	8N	0.2	1.27	243.4	4.8	2	67	0.4	0.09	0.4	6.9	18	27.5	2.63	4	0.03	0.09	23
1154718	402133	7076418	8N	0.3	0.87	405.2	13.2	0.5	57	0.4	0.04	0.6	5.9	14	23	2.48	3	0.04	0.06	23
1154719	402154	7076464	8N	0.2	1.46	90.8	4.1	0.5	80	0.3	0.09	0.3	8.9	24	17	2.58	5	0.04	0.05	14
1154720	402173	7076511	8N	0.3	1.69	366	12.1	0.5	105	0.5	0.18	1.6	17.6	23	39.7	3.04	5	0.01	0.15	31
1154721	402196	7076555	8N	0.4	1.29	244.6	14.3	1	93	0.5	0.13	1	13.9	20	34.8	2.83	4	0.03	0.06	28
1154722	402219	7076600	8N	0.3	1.29	152.6	33.9	0.5	96	0.4	0.12	1.2	13.5	20	27.8	2.71	4	0.02	0.06	30
1154723	402300	7076783	8N	0.4	1.42	88.6	14.1	2	87	0.3	0.12	0.5	7.4	24	22.3	2.37	4	0.04	0.05	19
1154724	402239	7076647	8N	0.4	1.82	166.7	4.4	1	136	0.5	0.11	0.9	12.2	24	28.1	3.21	5	0.05	0.08	27
1154725	402258	7076691	8N	0.5	1.74	155.7	3.3	1	108	0.4	0.09	0.7	12.1	27	26.7	2.95	5	0.03	0.06	18
1154726	402281	7076738	8N	0.5	1.6	128.4	5.8	2	96	0.3	0.11	0.5	10.5	26	28.1	2.71	5	0.04	0.05	19
1154727	402323	7076829	8N	0.1	1.42	50.4	2.7	1	76	0.2	0.12	0.3	7.4	25	18.8	2.43	4	0.02	0.04	20
1154728	402344	7076875	8N	0.05	1.23	51.6	5.9	1	70	0.3	0.12	0.3	6.5	22	16	2.35	4	0.03	0.05	19
1154729	402363	7076921	8N	0.5	1.02	13.6	0.25	2	63	0.2	0.09	0.3	3.1	17	14.7	1.43	3	0.07	0.05	8
1154730	402385	7076962	8N	0.05	1.15	47.2	6.5	0.5	68	0.3	0.1	0.3	7.7	21	19.9	2.35	4	0.02	0.05	19
1154731	402405	7077007	8N	0.2	1.21	44.1	5.5	1	75	0.2	0.13	0.4	8.9	22	23	2.29	3	0.03	0.05	21
1154732	402425	7077052	8N	0.2	1.2	41.3	4.4	0.5	65	0.3	0.08	0.2	5.6	21	17.3	2.25	4	0.03	0.05	15
1154733	402445	7077097	8N	0.6	1.09	35.7	4.7	2	60	0.3	0.08	0.2	5.1	20	15.8	1.96	4	0.04	0.05	13
1154734	402469	7077142	8N	0.3	1.3	34	8.1	1	76	0.3	0.11	0.3	7.6	23	19.8	2.16	4	0.04	0.05	16
1154735	402491	7077187	8N	0.2	0.87	20.7	6.4	1	54	0.2	0.08	0.2	4.2	18	11.7	1.61	4	0.04	0.05	17
1154736	402512	7077231	8N	0.2	1.23	31.2	2	0.5	106	0.2	0.12	0.2	9	19	26.7	2.21	3	0.04	0.05	24
1154738	402534	7077277	8N	0.2	1.16	33.2	27	2	68	0.3	0.13	0.3	5.8	22	19.9	2.05	3	0.04	0.05	21
1154739	402555	7077322	8N	0.2	1.25	17.8	3.4	0.5	82	0.2	0.12	0.05	4.3	23	14.3	1.89	4	0.04	0.04	16
1154740	402578	7077367	8N	0.2	1.27	21.6	8.1	1	89	0.2	0.13	0.2	5.9	23	21.9	1.99	4	0.06	0.05	22
1154741	402597	7077409	8N	0.1	1.22	24.7	8.8	0.5	79	0.2	0.12	0.1	5.1	23	18.6	2.13	4	0.05	0.04	19
1154742	402621	7077458	8N	0.1	0.97	14.6	4.9	1	67	0.2	0.09	0.05	3.8	20	13.3	1.71	4	0.04	0.04	14
1154743	402683	7077591	8N	0.05	1.38	21	0.25	2	74	0.2	0.08	0.1	5	23	12.9	2.2	4	0.05	0.06	15
1154744	404403	7075139	8N	0.1	1.11	18.3	3.6	1	80	0.3	0.08	0.2	14.3	20	33.2	2.64	4	0.04	0.04	15
1154746	404447	7075230	8N	0.05	0.99	158.8	8.9	0.5	82	0.2	0.07	0.2	8.2	18	16.3	2.43	4	0.04	0.05	15
1154748	404490	7075321	8N	0.3	1.25	97.3	2.2	0.5	64	0.3	0.08	0.5	10.7	20	29.3	2.72	4	0.07	0.05	15
1154750	404531	7075412	8N	0.2	1.15	289	22.4	0.5	68	0.3	0.1	0.3	32.5	19	35.7	2.85	3	0.05	0.04	24
1154751	404554	7075458	8N	0.1	1.21	224.3	3.1	0.5	51	0.3	0.11	0.4	19.4	19	31.9	2.93	3	0.04	0.05	29
1154752	404573	7075502	8N	0.05	0.65	143.9	2	0.5	45	0.2	0.03	0.05	4.6	9	13.4	1.56	3	0.04	0.05	16
1154753	404596	7075547	8N	0.1	0.97	121.3	1.9	0.5	63	0.3	0.15	0.3	11.9	15	35.9	3.06	3	0.03	0.07	21
1154754	404617	7075593	8N	0.5	1.25	111.6	2.8	0.5	107	0.3	0.05	0.3	6.2	18	32.9	2.59	4	0.06	0.09	14
1154756	404661	7075684	8N	2.7	0.65	167.1	16	0.5	77	1.5	0.08	1.1	8.7	12	20.1	2.57	2	0.03	0.12	20

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1154706	0.38	330	0.5	0.005	23.8	0.04	10.5	0.025	0.7	1.6	0.8	12	0.1	3.9	0.028	0.3	1.1	29	0.3	67
1154707	0.33	267	0.7	0.004	18	0.051	10.7	0.025	0.6	1.3	0.25	14	0.1	2.2	0.023	0.2	0.8	29	0.3	67
1154708	0.37	255	0.8	0.004	17	0.052	12.5	0.025	0.6	1.4	0.25	10	0.1	1.6	0.022	0.2	1	35	0.2	56
1154709	0.18	146	1	0.005	10.5	0.065	7.5	0.1	0.4	0.5	0.25	12	0.1	0.2	0.012	0.2	0.9	26	0.1	31
1154710	0.43	265	0.9	0.006	18.1	0.045	10.2	0.05	0.6	1.4	0.9	14	0.1	2.6	0.032	0.3	0.7	35	0.2	56
1154711	0.46	274	0.5	0.006	20.2	0.053	9.4	0.025	0.5	1.6	0.9	17	0.1	3.8	0.034	0.3	0.8	32	0.2	53
1154712	0.33	184	0.8	0.004	15.7	0.038	9.1	0.025	0.5	1.1	0.7	11	0.1	1	0.025	0.2	0.7	37	0.3	47
1154713	0.32	181	0.7	0.005	13.5	0.051	9.4	0.05	0.4	0.9	0.6	10	0.1	0.6	0.017	0.2	0.8	34	0.2	45
1154714	0.15	149	1.3	0.005	12	0.061	12.7	0.07	0.6	0.6	0.25	7	0.1	0.4	0.013	0.1	0.7	41	0.1	42
1154715	0.29	309	0.9	0.006	25.6	0.056	18.4	0.06	1.3	1.4	0.25	15	0.1	1.8	0.011	0.2	1.5	28	0.2	73
1154716	0.03	32	0.7	0.005	3.6	0.066	7.4	0.09	0.3	0.5	0.9	5	0.1	0.4	0.011	0.1	0.8	14	0.1	16
1154717	0.55	321	0.7	0.004	21.9	0.043	36.6	0.025	0.7	1.5	0.25	11	0.1	6.2	0.027	0.1	1.6	27	0.2	95
1154718	0.22	352	0.8	0.003	15	0.042	21.6	0.025	0.5	0.8	0.25	9	0.1	3.3	0.009	0.05	1.5	21	0.2	93
1154719	0.31	459	1.2	0.008	16	0.055	17.8	0.025	0.7	1.5	0.8	9	0.1	1.5	0.025	0.1	0.8	46	0.2	66
1154720	1.22	1016	0.9	0.004	45	0.067	30.1	0.025	0.7	2.3	0.25	13	0.1	12.8	0.038	0.1	2.4	34	0.2	187
1154721	0.5	639	1.2	0.005	29.9	0.064	44.7	0.025	0.8	1.6	0.7	12	0.1	5.8	0.015	0.1	2.2	28	0.3	142
1154722	0.48	784	1	0.005	33.4	0.058	26.4	0.025	0.6	2.1	0.25	12	0.1	5.1	0.024	0.1	1.6	31	0.2	155
1154723	0.42	396	0.8	0.005	19.7	0.06	15.8	0.025	0.6	1.8	0.25	11	0.1	2.2	0.027	0.1	1.5	37	0.2	84
1154724	0.66	813	0.9	0.005	27	0.058	28.3	0.025	0.6	1.8	0.25	12	0.1	2.5	0.015	0.2	1.5	35	0.2	170
1154725	0.52	748	1.3	0.006	22.4	0.069	23.8	0.07	0.7	1.6	0.7	12	0.1	1.3	0.019	0.2	1.8	42	0.2	113
1154726	0.47	540	1.2	0.006	22.2	0.067	21.1	0.06	0.6	1.9	0.8	11	0.1	1.7	0.025	0.1	1.8	40	0.2	103
1154727	0.45	445	0.9	0.005	18.2	0.053	11.9	0.025	0.5	1.8	0.5	11	0.1	2.8	0.032	0.1	1	37	0.3	74
1154728	0.38	341	0.9	0.004	16.2	0.048	11.7	0.025	0.5	1.5	0.6	10	0.1	3.5	0.031	0.05	0.8	34	0.2	66
1154729	0.16	88	1.5	0.01	9.9	0.146	10.9	0.12	0.5	0.4	1.1	11	0.1	0.2	0.007	0.05	1.3	29	0.1	33
1154730	0.38	292	1.2	0.005	20.5	0.043	14.3	0.025	0.7	1.5	0.25	11	0.1	3.1	0.034	0.05	1	36	0.3	75
1154731	0.38	332	0.9	0.005	21.7	0.053	14.1	0.025	0.6	1.9	0.5	11	0.1	5.7	0.037	0.05	1.2	33	0.2	75
1154732	0.32	192	0.9	0.006	15.9	0.06	24.5	0.025	0.5	1	0.6	9	0.1	0.6	0.018	0.1	1	34	0.2	66
1154733	0.28	187	1.2	0.006	14.7	0.077	21.6	0.025	0.6	0.7	0.6	9	0.1	0.4	0.014	0.1	1	32	0.2	51
1154734	0.36	362	0.8	0.005	16.6	0.058	19.2	0.025	0.6	1.7	0.5	10	0.1	1.6	0.027	0.1	1.2	36	0.3	63
1154735	0.24	151	1	0.005	10.6	0.042	12.5	0.025	0.5	0.9	0.25	8	0.1	0.7	0.021	0.1	0.7	32	0.2	39
1154736	0.38	285	0.9	0.008	19.8	0.059	14.3	0.025	0.6	3	0.25	10	0.1	5.5	0.038	0.05	1.2	34	0.3	65
1154738	0.33	230	0.9	0.005	16.3	0.061	14.9	0.025	0.6	1.9	0.5	11	0.1	4.3	0.034	0.1	1	34	0.3	58
1154739	0.31	119	0.7	0.005	11.9	0.054	11.7	0.025	0.5	1.4	0.8	10	0.1	1	0.027	0.1	0.8	39	0.2	45
1154740	0.34	225	0.8	0.005	15.3	0.056	10.6	0.025	0.6	2.4	0.25	11	0.1	3	0.035	0.05	1.2	36	0.3	52
1154741	0.36	159	0.8	0.005	17	0.052	12.3	0.025	0.5	1.7	0.25	10	0.1	2.5	0.033	0.1	0.9	38	0.3	56
1154742	0.28	119	0.7	0.005	11.6	0.043	10	0.025	0.5	1	0.25	9	0.1	0.5	0.02	0.05	0.7	35	0.2	43
1154743	0.33	142	0.7	0.004	13.1	0.04	13.4	0.025	0.4	1.6	0.25	8	0.1	1.7	0.025	0.1	0.8	36	0.1	44
1154744	0.38	400	0.7	0.006	30.8	0.049	22.2	0.025	0.6	1.2	0.25	19	0.1	3.8	0.021	0.05	1.1	29	0.2	62
1154746	0.28	346	0.8	0.004	17.3	0.037	26.8	0.025	0.6	1	0.25	10	0.1	3	0.018	0.05	0.7	34	0.2	55
1154748	0.36	494	1	0.005	21	0.067	94.6	0.025	0.6	0.8	0.25	11	0.1	1.7	0.012	0.05	1.5	31	0.2	92
1154750	0.49	1049	0.5	0.003	36.9	0.052	41.6	0.025	0.5	0.9	0.25	10	0.1	9.8	0.008	0.05	1.9	17	0.2	80
1154751	0.52	747	0.6	0.003	34.8	0.061	30	0.025	0.4	0.9	0.25	11	0.1	10.3	0.006	0.05	1.8	14	0.2	76
1154752	0.13	284	0.7	0.002	9.7	0.037	19.7	0.025	0.4	0.3	0.25	5	0.1	1.7	0.007	0.05	0.7	20	0.1	31
1154753	0.49	706	0.6	0.003	29.4	0.061	34.2	0.025	0.4	1.1	0.25	18	0.1	8.9	0.008	0.05	1.3	15	0.2	76
1154754	0.41	286	0.7	0.006	19	0.075	30.9	0.06	0.4	0.7	0.25	11	0.1	2	0.008	0.1	1.5	22	0.1	61
1154756	0.18	438	0.8	0.004	20.7	0.048	143.8	0.13	4	1	0.7	29	0.1	7.9	0.018	0.2	1.1	21	0.2	130

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1154757	404679	7075731	8N	0.4	1	135.1	3.5	2	58	0.4	0.05	0.3	8.4	16	29.5	2.77	3	0.03	0.07	22
1154758	404704	7075775	8N	0.9	0.61	100.5	11.3	0.5	81	0.4	0.2	1.3	11	10	30.7	2.73	2	0.02	0.08	29
1154759	404722	7075814	8N	0.2	1.04	100	4.9	1	69	0.3	0.08	0.3	8.6	19	18.4	2.76	3	0.05	0.05	18
1154760	404743	7075860	8N	0.3	0.78	183.5	4.6	2	102	0.4	0.36	0.6	13.6	13	39.7	2.38	2	0.02	0.05	21
1154761	404762	7075906	8N	0.5	0.79	109.4	4.4	0.5	123	0.4	0.35	1	18.3	12	97.8	3.19	2	0.03	0.08	28
1154762	404786	7075950	8N	0.1	1.29	217.1	3.4	2	88	0.3	0.14	0.3	12.1	20	29.1	2.5	4	0.04	0.07	18
1154763	404807	7075995	8N	0.5	1.12	39	2.4	0.5	106	0.3	0.12	0.8	9.9	17	22.2	2.38	4	0.06	0.08	12
1154764	404827	7076041	8N	0.1	1.21	68.4	5.1	1	117	0.3	0.17	0.5	13.4	19	27.2	3.12	3	0.03	0.08	20
1154765	404850	7076087	8N	0.05	1.14	97.9	7.7	0.5	93	0.3	0.14	0.4	10.2	19	24.3	2.58	4	0.02	0.04	17
1154766	404872	7076129	8N	0.05	1.14	36.9	5.5	0.5	105	0.3	0.18	0.4	9.5	19	17.3	2.48	3	0.02	0.05	17
1154767	404878	7076132	8N	0.05	1.14	37.8	1.5	0.5	107	0.3	0.19	0.4	9.8	18	17.6	2.68	4	0.03	0.05	17
1154768	404891	7076178	8N	0.1	1.34	21.5	1.5	0.5	136	0.3	0.05	0.5	6.1	17	13.5	2.18	5	0.06	0.04	20
1154769	404914	7076223	8N	0.2	1.08	76.3	1.2	1	80	0.4	0.25	0.9	10	16	22.3	2.83	3	0.03	0.04	19
1154770	404935	7076266	8N	0.2	0.78	9.9	0.8	1	131	0.3	0.75	0.9	6.8	12	15	1.89	3	0.05	0.05	16
1154771	404956	7076313	8N	0.3	0.78	34.4	3.5	0.5	70	0.4	0.12	3.1	9.2	15	19.3	2.62	2	0.05	0.05	21
1154772	404975	7076359	8N	0.1	0.99	41	2.8	0.5	104	0.2	0.17	0.8	7.8	16	12.8	2.45	3	0.04	0.05	15
1154773	404998	7076403	8N	0.6	0.86	169.5	3.6	1	173	0.3	0.74	1.9	7.2	11	15.3	1.98	2	0.05	0.07	11
1154774	405022	7076446	8N	0.6	0.72	72	3.2	0.5	104	0.4	0.37	3.4	8	10	18.3	2.31	2	0.05	0.1	18
1154785	404309	7076340	8N	0.3	1.01	60.5	4.4	0.5	98	0.4	0.2	2.3	11	17	36.2	2.87	3	0.02	0.06	27
1154786	404329	7076385	8N	1.4	1.07	163.3	6.2	2	135	1.1	0.15	3.2	6.5	16	26.8	3.2	3	0.03	0.05	30
1154787	404391	7076521	8N	0.6	0.68	100.6	18.9	0.5	134	0.8	0.21	0.6	10	7	25.4	2.8	2	0.02	0.09	33
1154788	404413	7076565	8N	0.3	1.09	52.9	1.6	0.5	83	0.6	0.13	0.4	6	16	15.1	2.22	3	0.02	0.06	23
1154789	404434	7076611	8N	0.2	0.74	35.3	1.3	0.5	169	0.4	0.13	0.8	11.4	10	23.8	2.17	2	0.02	0.14	30
1154790	404455	7076657	8N	0.05	0.88	14.4	1.3	0.5	83	0.2	0.09	0.5	9.6	13	23.3	1.98	2	0.02	0.1	22
1154791	404476	7076703	8N	0.05	1.09	12.5	0.25	0.5	61	0.3	0.09	0.2	6.5	14	17.6	2.28	3	0.01	0.04	24
1154792	404497	7076748	8N	0.2	1.01	8.9	0.25	0.5	53	0.2	0.22	1.1	11.4	12	23	2.5	3	0.01	0.05	45
1154793	401933	7076456	8N	0.2	1.16	199.3	7.2	1	87	0.3	0.08	0.5	9	22	20.6	2.75	3	0.04	0.05	14
1154794	401953	7076500	8N	0.2	0.87	247.8	7.2	0.5	65	0.4	0.09	0.8	14.2	93	31.2	2.88	2	0.04	0.07	19
1154795	401974	7076546	8N	0.3	1.04	166.7	15.5	2	72	0.3	0.11	0.8	14.6	22	29.1	2.64	3	0.04	0.07	17
1154796	401995	7076592	8N	0.9	0.73	143.9	7.8	1	91	0.4	0.09	1.1	10	16	27.3	2.25	2	0.02	0.05	18
1154797	402016	7076637	8N	0.4	0.98	147.5	11.3	1	93	0.3	0.09	1.8	15.2	18	32.4	2.71	3	0.03	0.05	20
1154798	404370	7076475	8N	0.4	1.11	41.5	1.6	0.5	107	0.9	0.14	0.2	5.5	14	12.1	2.09	3	0.02	0.05	21
1154799	404350	7076430	8N	0.5	1.07	122.3	3.4	0.5	109	0.4	0.09	5	20.9	15	45.8	4	3	0.02	0.06	43
1154800	404725	7078186	8N	0.2	1.21	17.5	5.2	1	63	0.2	0.11	0.7	17.4	23	13.9	2.39	4	0.04	0.04	14
1155501	411299	7088788	8N	4.5	1.08	8488.3	303.5	6	174	35.3	0.59	8.4	9.1	20	512.6	6.14	4	0.06	0.09	20
1155502	411299	7088739	8N	1.3	1.67	632.3	82.5	5	190	18.5	0.78	1.1	9.8	24	146.7	2.77	5	0.04	0.08	24
1155503	411300	7088688	8N	0.4	1.33	312	20.8	2	141	2.7	0.27	0.3	8	28	78	2.21	5	0.03	0.09	26
1155504	411299	7088639	8N	0.3	1.27	690.1	37.1	2	113	5.8	0.26	0.4	9.1	27	159.4	2.18	5	0.02	0.11	31
1155506	411300	7088588	8N	0.2	1.2	203.5	8.1	2	115	1.1	0.13	0.3	6.2	23	44.2	2.12	4	0.05	0.07	23
1155507	411298	7088538	8N	0.4	1.59	423.4	17.5	1	180	4.9	0.24	0.3	8.7	28	84	2.51	5	0.05	0.1	26
1155508	411300	7088488	8N	0.3	1.52	342.2	10.6	2	130	3	0.19	0.2	9.1	27	75	2.45	5	0.04	0.09	20
1155509	411298	7088439	8N	1.1	1.79	648.3	12.3	2	207	3.3	0.21	0.5	10.7	34	152	2.99	6	0.07	0.13	30
1155510	411299	7088388	8N	0.9	1.44	231.1	16.4	2	298	2	0.34	0.2	6.9	30	63.9	2.42	5	0.07	0.12	23
1155511	411299	7088338	8N	0.2	1.43	114	6.6	2	219	1.1	0.15	0.2	7.6	27	37.6	2.45	4	0.04	0.08	25
1155512	411298	7088287	8N	0.2	1.39	69.7	19.2	2	300	0.4	0.27	0.3	8.7	27	29	2.6	5	0.04	0.12	28
1155513	411299	7088237	8N	0.2	1.05	61.5	4.5	3	174	0.7	0.19	0.3	7	23	25.9	2.2	4	0.03	0.07	16

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1154757	0.29	334	1	0.003	19.2	0.055	33.6	0.025	0.9	0.8	0.25	9	0.1	2.4	0.008	0.1	1.2	23	0.2	78
1154758	0.17	662	1.3	0.003	24.9	0.047	62.5	0.025	3.1	1.5	0.25	11	0.1	11.9	0.004	0.1	1	12	0.1	129
1154759	0.33	433	0.7	0.004	17.3	0.052	39.8	0.025	0.6	1.2	0.25	8	0.1	4.1	0.018	0.05	0.7	31	0.2	53
1154760	0.47	1168	0.3	0.004	27.8	0.07	36.2	0.025	0.5	1.7	0.25	21	0.1	12.1	0.012	0.05	1	15	0.2	82
1154761	0.56	1729	0.4	0.003	33.7	0.071	34	0.025	0.4	2.5	0.25	18	0.1	16.3	0.006	0.05	1.6	12	0.05	85
1154762	0.45	502	0.8	0.007	23.1	0.062	32.3	0.025	0.5	1	0.25	15	0.1	1.9	0.012	0.1	1.1	26	0.1	73
1154763	0.33	473	0.7	0.006	18.3	0.08	25.6	0.07	0.5	0.6	0.25	12	0.1	1.4	0.008	0.1	1	22	0.1	87
1154764	0.46	576	0.6	0.005	32.5	0.051	29.4	0.025	2.1	1.3	0.25	13	0.1	6.1	0.013	0.05	1.1	22	0.3	107
1154765	0.42	392	0.4	0.004	27.2	0.041	20.7	0.025	2.5	1.3	0.25	11	0.1	4.1	0.011	0.05	1	23	0.2	79
1154766	0.36	563	0.6	0.004	21.4	0.057	27.8	0.025	0.6	1.2	0.25	14	0.1	2	0.015	0.05	1	28	0.2	81
1154767	0.36	614	0.7	0.004	22.4	0.064	31.3	0.025	0.6	1.3	0.25	15	0.1	2.1	0.014	0.05	1	28	0.2	90
1154768	0.26	269	0.9	0.005	12.8	0.078	27.3	0.06	0.5	0.8	0.25	9	0.1	0.7	0.009	0.1	1.3	30	0.2	49
1154769	0.4	568	0.5	0.003	25.1	0.052	35.2	0.025	0.4	1.5	0.25	16	0.1	6.2	0.009	0.05	1.2	18	0.2	125
1154770	0.23	695	0.5	0.005	14.2	0.084	23.3	0.1	0.4	0.7	0.25	42	0.1	1.1	0.008	0.05	1	19	0.2	67
1154771	0.31	516	0.5	0.004	24.8	0.032	35.3	0.025	0.6	1.4	0.25	11	0.1	6.4	0.019	0.05	1.2	22	0.3	422
1154772	0.3	415	0.6	0.004	17.5	0.035	33	0.025	0.7	1.3	0.25	12	0.1	2.8	0.014	0.1	0.6	28	0.2	74
1154773	0.18	638	0.6	0.005	14.7	0.073	46.5	0.09	0.8	1	0.25	44	0.1	2.5	0.007	0.1	0.8	17	0.4	118
1154774	0.22	404	0.4	0.003	19.4	0.045	40.4	0.025	0.9	1.3	0.25	21	0.1	6.7	0.004	0.05	0.8	13	0.3	338
1154785	0.31	606	1.1	0.004	38.3	0.066	30	0.025	2	2.7	0.25	14	0.1	9.5	0.025	0.05	1.5	27	0.2	184
1154786	0.25	235	0.7	0.003	17.6	0.068	144	0.025	1.6	1.3	0.25	11	0.1	4.3	0.009	0.2	1.3	20	0.2	431
1154787	0.13	883	0.4	0.004	20.3	0.035	96.2	0.025	2.5	1.7	0.25	16	0.1	9	0.003	0.2	1.3	9	0.05	99
1154788	0.25	311	0.7	0.004	14.3	0.046	25.9	0.025	0.6	1.2	0.25	9	0.1	2.9	0.011	0.2	0.8	26	0.1	88
1154789	0.23	505	0.4	0.003	25.2	0.036	28.6	0.025	0.6	1.8	0.25	11	0.1	12.3	0.028	0.1	0.7	15	0.1	86
1154790	0.27	632	0.4	0.004	23.3	0.037	22	0.025	0.5	1.7	0.25	9	0.1	8.3	0.025	0.1	0.7	19	0.1	71
1154791	0.26	292	0.7	0.003	15.2	0.041	24.2	0.025	0.6	0.9	0.25	8	0.1	5.7	0.009	0.05	0.6	22	0.1	52
1154792	0.48	636	0.3	0.003	26.6	0.028	60.8	0.025	0.3	1.1	0.25	14	0.1	15.9	0.002	0.05	0.6	8	0.05	135
1154793	0.26	317	1.3	0.005	23.4	0.046	29.6	0.025	1.4	1.2	0.7	11	0.1	3.3	0.014	0.1	1	32	0.3	77
1154794	0.21	628	3.2	0.006	71.7	0.062	47.7	0.05	1.7	1	1	15	0.1	4	0.011	0.1	1.6	23	0.4	94
1154795	0.3	719	1.4	0.008	29.5	0.081	25	0.025	1	1.5	0.7	14	0.1	3.9	0.016	0.1	1.3	26	0.3	85
1154796	0.2	328	0.8	0.006	22.6	0.05	53.8	0.025	1.1	1.7	0.25	11	0.1	7.9	0.019	0.05	1.3	22	0.2	87
1154797	0.27	517	0.9	0.004	31.4	0.061	24.6	0.025	1.1	1.9	0.6	11	0.1	5.2	0.019	0.1	1.6	29	0.2	119
1154798	0.24	240	0.4	0.003	13.3	0.04	29.2	0.025	0.6	0.9	0.25	9	0.1	2.8	0.005	0.2	0.6	21	0.1	73
1154799	0.35	835	0.4	0.003	36.8	0.041	39	0.025	2.2	2	0.25	8	0.1	14.3	0.004	0.05	1.5	14	0.05	428
1154800	0.35	1044	1	0.007	15.7	0.066	54.7	0.025	0.5	1.5	0.25	9	0.1	1.9	0.021	0.05	0.7	38	0.2	100
1155501	0.55	480	0.8	0.013	19.3	0.083	63.4	0.13	1956.9	3.6	4.2	50	0.3	8.1	0.029	0.4	2.5	29	0.9	247
1155502	0.56	464	1	0.017	20.5	0.092	21.3	0.11	43.5	2.8	0.8	52	0.1	6.3	0.05	0.3	3.2	39	1.3	107
1155503	0.46	317	1.1	0.008	18.5	0.088	9.5	0.025	41.7	2.5	0.6	21	0.1	9.8	0.072	0.3	3.5	46	3.5	63
1155504	0.46	342	0.9	0.007	15.9	0.082	9.2	0.025	70.8	2.5	0.25	22	0.1	10	0.075	0.3	6.1	40	3.1	61
1155506	0.37	193	1	0.006	15.7	0.041	8.9	0.07	2.7	1.9	0.25	14	0.1	3.8	0.05	0.2	2.6	45	0.9	50
1155507	0.49	277	1.1	0.009	21.4	0.074	11.1	0.06	2.9	3.1	0.25	26	0.1	8.5	0.064	0.2	5	48	3.1	66
1155508	0.42	280	1.2	0.007	19.3	0.06	10.4	0.08	7.8	2.5	0.7	16	0.1	7.5	0.057	0.3	2.6	45	4.9	60
1155509	0.53	427	1.6	0.009	24.7	0.065	13.8	0.09	18.4	4	0.6	20	0.1	9.2	0.051	0.4	6.6	55	3.6	84
1155510	0.46	322	1.7	0.008	17.1	0.07	12.3	0.09	31.8	3.9	0.6	27	0.1	7.3	0.044	0.3	5.4	47	4.5	66
1155511	0.42	327	1.2	0.007	15.9	0.058	12.3	0.07	14.4	3.1	0.6	15	0.1	8.7	0.047	0.2	3.8	45	1.7	58
1155512	0.43	402	1.2	0.007	17.5	0.094	10.8	0.025	6.2	2.8	0.25	22	0.1	10.6	0.063	0.3	3.9	45	3.2	64
1155513	0.35	283	1.1	0.006	16.8	0.053	10.1	0.025	3.9	1.8	0.25	16	0.1	6.3	0.047	0.2	1.8	39	4.3	59

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1155514	411298	7088188	8N	0.05	1.32	110.1	5.3	4	205	1.4	0.25	0.2	9.3	30	34.6	2.5	5	0.04	0.13	25
1155515	411298	7087835	8N	0.1	1.23	44.9	23.3	2	177	0.5	0.24	0.3	7.1	26	21.8	2.16	5	0.02	0.12	21
1155516	411300	7088138	8N	0.1	1.49	43.8	4.3	2	117	0.6	0.12	0.2	6	24	18.3	2.24	5	0.05	0.06	16
1155517	411298	7088087	8N	0.2	1.24	104.1	6	3	111	1	0.13	0.2	5	26	19.3	2.07	5	0.06	0.07	13
1155518	411297	7088038	8N	0.05	1.49	80.4	9.7	3	184	0.8	0.15	0.3	9	25	20.6	2.33	4	0.06	0.07	21
1155519	411299	7087987	8N	0.05	1.36	38.5	6.3	3	171	0.4	0.17	0.2	8.3	24	21.9	2.1	4	0.04	0.08	22
1155520	411298	7087937	8N	0.2	1.27	47.3	5.9	2	114	0.8	0.06	0.1	4.9	23	15.1	1.89	6	0.03	0.05	16
1155521	411298	7087888	8N	0.2	1.18	58.2	13.7	3	215	0.5	0.29	0.3	7.9	25	22.4	2.16	4	0.005	0.11	30
1155522	411298	7087788	8N	0.2	2.3	101.9	7.7	2	281	3	0.21	0.3	11	27	37.2	2.78	7	0.03	0.22	41
1155524	411298	7087737	8N	0.2	1.44	65.9	7.1	2	184	0.5	0.15	0.2	7	28	19.6	2.4	5	0.02	0.07	18
1155525	411299	7087688	8N	0.1	1.23	56.3	9.8	2	164	1	0.16	0.2	6.2	23	20	2.05	4	0.05	0.07	21
1155526	411299	7087637	8N	0.2	1.01	34.1	4.4	2	78	1	0.09	0.1	4.5	21	16	1.84	4	0.04	0.07	13
1155527	411299	7087587	8N	0.1	1.42	30.7	5.1	2	203	0.7	0.22	0.2	8.3	26	23.4	2.42	5	0.03	0.09	27
1155528	411299	7087536	8N	0.1	1.39	61.8	9.9	2	186	1	0.14	0.1	7.8	28	20.1	2.29	4	0.04	0.06	27
1155529	411297	7087486	8N	0.1	1.3	83.7	4.5	2	127	1.5	0.1	0.1	5.9	27	16	2.24	5	0.03	0.04	17
1155530	411299	7087436	8N	0.05	1.24	21.8	5.2	2	135	0.4	0.17	0.2	5.9	23	14.8	2.11	4	0.02	0.06	17
1155531	411297	7087387	8N	0.1	1.47	24.9	11.9	2	181	0.9	0.19	0.05	7.2	26	17.9	2.31	5	0.04	0.07	22
1155532	411298	7087336	8N	0.05	1.09	12.3	9.1	2	169	0.3	0.2	0.2	4.7	22	15.8	1.72	3	0.02	0.06	16
1155533	411298	7087286	8N	0.2	1.56	19.5	11.9	2	304	0.7	0.23	0.1	6.5	30	18.4	1.61	5	0.04	0.07	29
1155534	411399	7087286	8N	0.2	1.34	17.5	5.9	2	138	0.5	0.17	0.05	6.4	22	16.6	2.02	4	0.03	0.06	19
1155535	411400	7087337	8N	0.05	1.1	22.2	41.6	2	176	0.4	0.24	0.1	7.5	21	19.9	2.15	3	0.02	0.07	20
1155536	411398	7087386	8N	0.05	1.17	22.2	7.9	2	150	0.5	0.15	0.2	5.4	22	16.1	2.19	4	0.03	0.06	15
1155537	410100	7087287	8N	0.2	1.85	16.6	1.4	2	261	0.3	0.18	0.3	11.5	32	23.1	2.7	6	0.04	0.11	15
1155538	410099	7087335	8N	0.2	1.35	18.8	5.8	2	161	0.4	0.16	0.2	8.7	23	24.1	2.29	4	0.02	0.11	13
1155539	410099	7087385	8N	0.3	1.85	20.5	5.4	2	230	0.7	0.14	0.2	8.5	32	27.6	2.73	6	0.05	0.15	15
1155540	410098	7087436	8N	0.2	1.23	13.1	10.7	2	117	0.3	0.13	0.2	11.8	24	21	2.37	4	0.04	0.1	14
1155541	410098	7087485	8N	0.2	1.4	12.8	1.8	2	175	0.4	0.11	0.1	7.6	25	20.3	2.36	5	0.03	0.07	13
1155542	410098	7087535	8N	0.3	1.4	16.1	1.5	3	138	0.3	0.09	0.05	5.1	26	14.7	2.05	5	0.04	0.06	10
1155543	410099	7087587	8N	0.2	0.93	11.5	1.3	0.5	151	0.2	0.08	0.1	3	16	10.8	1.21	4	0.005	0.04	13
1155544	410099	7087636	8N	0.1	0.99	14.6	116.9	1	106	0.2	0.18	0.2	6.8	21	15.4	1.96	3	0.04	0.06	14
1155545	410100	7087687	8N	0.2	1.76	29.4	0.25	2	228	0.3	0.17	0.1	7.3	37	17.5	2.58	5	0.02	0.06	13
1155546	410098	7087736	8N	0.2	1.54	22.8	0.25	0.5	171	0.3	0.13	0.2	8.1	26	14.2	2.33	5	0.04	0.05	11
1155547	410100	7087786	8N	0.7	1.81	179.3	3.9	3	360	0.9	0.38	0.2	16.6	27	63.8	2.8	5	0.11	0.05	42
1155548	410098	7087836	8N	0.6	1.03	124.4	0.25	2	97	0.5	0.06	0.3	6.5	15	13.6	1.59	4	0.06	0.04	13
1155549	410099	7087887	8N	0.3	0.98	162	0.8	2	82	0.5	0.1	0.2	5.6	19	14.3	1.71	4	0.05	0.05	8
1155550	410099	7087936	8N	0.3	1.41	356.2	5.9	2	186	0.6	0.73	0.2	6.8	27	31.2	2.27	5	0.04	0.07	39
1156541	412016	7086113	8N	0.05	1.33	11.8	2.4	0.5	97	0.2	0.1	0.3	10.9	32	23.1	2.4	4	0.03	0.15	13
1156542	412067	7086100	8N	0.05	0.64	10.4	0.25	0.5	50	0.4	0.02	0.1	9.7	13	25.5	2.41	4	0.01	0.14	22
1156543	412117	7086091	8N	0.05	1.09	8.4	0.25	0.5	60	0.2	0.06	0.2	9.3	17	24.8	2.43	4	0.03	0.08	18
1156544	412167	7086096	8N	0.05	1.01	6	2.8	0.5	62	0.3	0.04	0.2	15.9	19	31.6	2.58	4	0.05	0.12	21
1156545	412218	7086089	8N	0.05	1.23	8.2	6.4	0.5	74	0.3	0.11	0.3	23.8	19	38.3	2.73	4	0.03	0.15	25
1156546	412265	7086112	8N	0.3	1.6	10.2	3	1	79	0.5	0.06	0.2	7.6	28	44.8	2.9	5	0.04	0.14	56
1156547	412312	7086128	8N	0.2	1.33	13.1	6.8	0.5	82	0.4	0.06	0.2	10.3	31	30.5	2.69	4	0.03	0.12	21
1198851	411899	7088787	8N	0.2	1.85	336.9	19.5	0.5	156	1.8	0.1	0.3	14.4	31	89	3.14	6	0.02	0.27	27
1198852	411900	7088737	8N	0.2	1.41	263.5	9	0.5	134	2	0.13	0.7	18.6	24	57.8	3.21	4	0.02	0.18	22
1198855	411900	7088587	8N	0.3	1.56	131.3	14.9	0.5	131	2.1	0.1	0.1	8.6	33	77.2	3.25	5	0.03	0.23	19

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1155514	0.5	428	1.4	0.008	18.7	0.074	11.8	0.025	6.8	2.7	0.25	19	0.1	9.4	0.069	0.3	3.8	48	8.9	64
1155515	0.42	300	1.3	0.007	16.9	0.078	8.9	0.025	5.2	2.2	0.25	18	0.1	8.8	0.071	0.2	3.1	42	6.2	61
1155516	0.32	270	1	0.005	14.6	0.048	10.3	0.08	2.4	1.2	0.25	11	0.1	4.2	0.048	0.2	1.7	40	5	46
1155517	0.34	162	1.2	0.007	13.2	0.051	11.4	0.025	5	1.9	0.25	13	0.1	5.5	0.063	0.2	2	42	3.9	46
1155518	0.38	396	1.3	0.007	18	0.058	10.8	0.05	3.8	2	0.25	14	0.1	6.5	0.057	0.3	2.5	46	8.4	66
1155519	0.42	347	0.9	0.008	18.7	0.064	9.3	0.025	1.8	2.2	0.25	13	0.1	7.8	0.063	0.3	2.6	41	4.9	61
1155520	0.26	172	2	0.006	10.4	0.046	11.6	0.06	2.6	1.9	0.25	10	0.1	2.7	0.045	0.4	2.8	51	3.3	35
1155521	0.41	332	1.2	0.007	16.6	0.09	9	0.025	2.6	2.3	0.25	22	0.1	8.9	0.063	0.2	4.5	42	7.2	57
1155522	0.5	606	1.2	0.008	15.8	0.109	19.3	0.06	6.5	4.4	0.25	16	0.1	16.1	0.071	0.4	9.4	43	4.7	65
1155524	0.42	402	1.8	0.006	15.4	0.064	10.2	0.08	1.6	2.4	0.25	16	0.1	2	0.036	0.2	6.5	46	1.6	56
1155525	0.37	248	0.9	0.008	13.8	0.058	9.9	0.09	2	2.3	0.6	19	0.1	3.6	0.042	0.2	3.3	40	1.4	49
1155526	0.31	134	1	0.007	12	0.049	8.5	0.09	3.1	1.3	0.25	14	0.1	1.4	0.04	0.2	2	38	0.9	46
1155527	0.47	361	1	0.008	19.4	0.08	9.8	0.025	5.1	3.3	0.25	21	0.1	7	0.063	0.2	5.5	44	0.8	62
1155528	0.43	340	1.2	0.006	17.2	0.054	10.4	0.025	4.6	3.2	0.25	16	0.1	4.2	0.047	0.2	14	45	0.6	58
1155529	0.38	232	1.3	0.006	13.7	0.058	11	0.05	5.8	1.7	0.25	17	0.1	1.6	0.028	0.2	6.8	46	0.4	48
1155530	0.4	302	1.6	0.007	14.1	0.067	8.7	0.1	1.5	1.6	0.25	17	0.1	1.3	0.024	0.2	5.6	41	0.4	52
1155531	0.43	319	2.1	0.007	14.9	0.062	10.9	0.1	1.8	2	0.25	19	0.1	1.2	0.03	0.3	5.2	45	0.5	52
1155532	0.37	139	0.7	0.007	13.6	0.061	7.6	0.08	2.1	1.9	0.25	17	0.1	2.4	0.037	0.2	1.6	33	0.4	44
1155533	0.49	128	1.2	0.007	15.5	0.058	10	0.025	9.4	3.1	0.8	20	0.1	4.7	0.052	0.3	13.2	43	0.7	56
1155534	0.38	201	1.1	0.005	15.2	0.066	8.5	0.07	2.7	2	0.25	14	0.1	2.8	0.032	0.2	2.9	36	0.5	50
1155535	0.37	276	1.1	0.006	17.4	0.073	9	0.07	2.6	2.5	0.25	18	0.1	5.1	0.04	0.2	2.7	37	0.4	53
1155536	0.37	262	1.1	0.006	13.6	0.049	8.9	0.025	2	1.7	0.25	16	0.1	1.2	0.03	0.2	2.3	38	0.4	47
1155537	0.52	536	1.1	0.008	24.5	0.067	11.4	0.05	1	2.9	0.25	25	0.1	2.3	0.046	0.2	1.4	49	0.3	69
1155538	0.36	271	0.8	0.006	24.6	0.058	9.9	0.025	1.4	2.5	0.25	21	0.1	4.2	0.043	0.2	1.4	35	0.4	61
1155539	0.5	251	0.9	0.008	33.4	0.066	9.1	0.07	1.3	3.2	0.25	23	0.1	3.1	0.059	0.2	1.7	53	0.5	70
1155540	0.36	433	0.7	0.005	22.6	0.058	9	0.025	1.2	2.1	0.25	14	0.1	4.5	0.045	0.1	1	39	0.7	63
1155541	0.35	269	0.9	0.007	19.9	0.064	9.4	0.025	0.9	2	0.25	14	0.1	1.6	0.033	0.2	1.2	42	0.4	60
1155542	0.36	183	1.3	0.011	17.3	0.056	8.6	0.06	1.1	1.4	0.25	12	0.1	0.6	0.026	0.2	1.3	40	0.3	47
1155543	0.18	132	0.8	0.006	10.5	0.05	8.1	0.06	1	1.6	0.25	12	0.1	0.3	0.024	0.1	1.1	29	0.3	29
1155544	0.34	263	0.7	0.008	17.6	0.065	6.7	0.025	1.1	1.7	0.25	16	0.1	4	0.038	0.1	1.2	33	0.6	58
1155545	0.5	356	1.4	0.008	21.1	0.058	10.9	0.05	1.5	2.1	0.25	21	0.1	1.1	0.036	0.2	1.8	49	0.4	66
1155546	0.4	486	1.1	0.006	17.7	0.059	10.3	0.025	1.1	1.8	0.25	16	0.1	1	0.028	0.2	1.4	42	0.3	56
1155547	0.36	1955	4.2	0.009	19.8	0.113	17.7	0.09	2.7	2.5	1.2	31	0.1	2.2	0.028	0.7	14.6	52	0.6	56
1155548	0.16	489	2	0.006	7.4	0.109	11.4	0.12	1	0.5	0.25	9	0.1	0.2	0.011	0.2	3.2	37	0.4	30
1155549	0.24	443	2	0.008	10	0.077	9.7	0.08	1.1	0.8	0.7	11	0.1	0.3	0.024	0.2	2	37	0.4	38
1155550	0.52	381	1.4	0.009	15.7	0.075	10.3	0.07	3.7	2.6	0.25	46	0.1	2.8	0.04	0.2	19.1	39	0.7	62
1156541	0.45	286	0.7	0.006	30.2	0.036	11.3	0.025	0.9	1.8	0.25	16	0.1	3.3	0.036	0.1	0.6	34	0.2	63
1156542	0.16	384	1.3	0.004	18.3	0.034	25.5	0.06	3.7	0.9	0.5	15	0.1	2.8	0.021	0.1	1	32	0.2	69
1156543	0.3	326	0.9	0.005	19.1	0.038	19	0.025	1.2	1.2	0.7	10	0.1	3	0.019	0.05	0.7	27	0.1	64
1156544	0.3	510	1.1	0.004	29.1	0.049	22.4	0.025	1.4	0.9	1.1	11	0.1	2.7	0.017	0.1	1.1	27	0.2	63
1156545	0.44	610	1	0.004	49.3	0.057	26.5	0.025	1.8	1.4	0.9	29	0.1	5	0.022	0.1	1.1	29	0.2	81
1156546	0.33	266	1.3	0.006	28.8	0.113	27.8	0.12	2.3	0.9	0.7	22	0.1	1.2	0.008	0.2	3.5	29	0.1	75
1156547	0.44	298	0.8	0.003	28.2	0.046	27.5	0.025	2.3	1.4	0.5	12	0.1	3.8	0.018	0.2	1.2	31	0.2	75
1198851	0.56	363	1.4	0.007	31.4	0.058	19	0.025	11.6	3.4	0.5	26	0.1	9.9	0.062	0.4	3.4	43	2.7	55
1198852	0.43	408	1.1	0.007	27.8	0.057	21.2	0.025	20.4	2.8	0.25	24	0.1	8.6	0.044	0.3	3.2	34	1.8	66
1198855	0.51	186	1.2	0.01	22.1	0.055	10.1	0.1	46.6	3.3	0.7	21	0.1	6.4	0.049	0.4	2.4	40	1.9	47

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1198857	411899	7088487	8N	0.3	1.81	192.4	11.6	0.5	152	2.4	0.08	0.05	9	40	104.2	3.75	6	0.03	0.27	22
1198860	411899	7088336	8N	0.3	2.59	220.9	5.7	1	169	0.5	0.06	0.1	15	43	113.4	4.66	8	0.04	0.45	26
1198861	411899	7088286	8N	0.5	1.55	454.5	37.6	1	126	2.6	0.12	0.3	20.5	29	102.4	4.44	5	0.08	0.21	20
1198863	411900	7088186	8N	0.2	1.47	103.5	5.7	0.5	111	0.3	0.12	0.4	15.1	30	100.3	3.78	4	0.03	0.15	17
1198864	411898	7088137	8N	0.2	1.3	173.5	4.5	0.5	113	0.3	0.07	0.2	7.8	25	60.7	4.85	5	0.02	0.29	18
1198865	411898	7088086	8N	0.1	1.39	49	40.2	2	96	0.6	0.08	0.2	10.2	24	28.5	2.91	4	0.06	0.1	17
1198866	411899	7088037	8N	0.1	1.16	144.8	26	1	86	0.6	0.11	0.3	14.9	23	56.2	3.54	4	0.04	0.1	18
1198867	411899	7087987	8N	0.4	0.96	310.8	12.1	0.5	94	0.7	0.09	0.8	18.4	16	61.7	2.73	3	0.02	0.06	17
1198869	411899	7087937	8N	0.6	1.38	811.8	11.6	1	128	0.7	0.13	0.3	20.3	25	169.3	3.53	4	0.04	0.08	21
1198870	411899	7087887	8N	0.2	1.59	221.2	12	2	126	2.7	0.04	0.2	7.4	26	56.2	3.29	5	0.07	0.16	16
1198871	411899	7087837	8N	0.2	1.39	64.7	19.1	2	107	1.1	0.05	0.2	14.8	21	50.8	3.8	4	0.06	0.09	21
1198872	411899	7087787	8N	0.2	1.26	56.3	4.2	2	81	0.6	0.04	0.1	3.2	20	35.4	2.33	4	0.09	0.09	14
1198873	411899	7087736	8N	0.2	1.22	51.2	11.5	1	68	0.6	0.05	0.2	8.4	24	52.5	3.85	4	0.04	0.11	22
1198874	411899	7087687	8N	0.3	1.22	49.6	4.4	2	133	0.9	0.06	0.3	6.1	24	39	3.28	5	0.1	0.13	16
1198875	411899	7087636	8N	1.3	1.27	378	11.1	0.5	203	11.4	0.12	3.5	11	30	76.8	4.46	4	0.05	0.12	27
1198876	411899	7087587	8N	0.1	1.68	126.4	16.1	1	176	0.8	0.08	0.4	12.5	29	47.5	3.27	4	0.06	0.11	18
1198877	411899	7087537	8N	0.7	1.74	265.9	45.4	3	176	1.1	0.09	0.7	26.8	33	94.6	3.94	5	0.09	0.17	21
1198878	411899	7087487	8N	0.2	1.91	163.5	8.2	2	217	1.3	0.14	0.3	22.2	30	68.1	3.5	6	0.03	0.28	19
1198879	411899	7087437	8N	0.1	1.38	99.3	18.4	3	90	0.5	0.07	0.2	9.5	27	27.5	2.9	4	0.06	0.1	17
1198880	411899	7087386	8N	0.2	1.54	118	11.1	2	164	0.7	0.09	0.2	13.9	27	44.2	3.02	5	0.04	0.19	20
1198881	411899	7087337	8N	0.2	1.9	117.5	5	3	209	1.3	0.1	0.8	13.1	30	47.7	3.18	5	0.04	0.17	21
1198882	411899	7087286	8N	0.2	1.65	37	8.6	3	179	0.6	0.1	0.5	9.7	29	31.1	2.95	5	0.04	0.11	16
1198883	410599	7088036	8N	0.3	1.47	183.1	7.6	3	248	2.4	0.18	0.3	7.9	26	22.8	2.47	5	0.06	0.07	31
1198884	410599	7087987	8N	0.05	1.15	56	2.9	2	147	0.7	0.18	0.4	7.3	22	16.8	2.2	4	0.02	0.07	18
1198885	410598	7087937	8N	0.05	1	58.5	3.2	1	155	0.5	0.26	0.1	6.8	23	16.1	1.97	3	0.02	0.08	21
1198886	410598	7087887	8N	0.3	1.63	166.6	4.3	2	147	1.2	0.16	0.6	5.8	28	16.2	2.94	6	0.07	0.07	12
1198887	410598	7087837	8N	0.1	0.89	83.8	2.4	1	120	0.7	0.16	0.2	3.2	15	10	1.02	4	0.04	0.04	13
1198888	410599	7087787	8N	0.2	1.52	311.4	3.3	1	225	1.2	0.17	0.1	8.2	28	18.9	2.47	5	0.05	0.06	23
1198889	408867	7087696	8N	0.05	1.49	24.9	13.9	0.5	172	0.5	0.23	0.2	8.2	34	19.4	2.28	5	0.03	0.15	23
1198890	408839	7087738	8N	0.05	1.44	25.9	4.4	0.5	170	0.4	0.15	0.3	9.8	30	19.5	2.34	5	0.03	0.09	21
1198891	408809	7087778	8N	0.05	1.49	24.4	6.1	1	124	0.4	0.16	0.2	8.5	27	18.9	2.27	4	0.02	0.08	18
1198892	408779	7087818	8N	0.05	1.61	22.4	5.2	0.5	201	0.4	0.17	0.05	8.4	33	21.4	2.35	5	0.04	0.08	23
1198893	408759	7087865	8N	0.05	1.59	31.2	590.1	0.5	200	0.6	0.22	0.2	8.1	35	21.4	2.31	5	0.03	0.16	27
1198894	408734	7087909	8N	0.05	1.53	27.2	18.8	1	220	0.6	0.23	0.1	7.9	35	20.4	2.28	5	0.03	0.19	26
1198895	408716	7087954	8N	0.05	1.4	20.8	3.9	0.5	171	0.4	0.19	0.2	9.1	29	19.2	2.28	5	0.02	0.14	21
1198896	408692	7087998	8N	0.05	1.79	23.1	13.6	2	138	0.5	0.14	0.2	8.4	31	13.4	2.56	5	0.02	0.09	18
1198897	408670	7088044	8N	0.05	1.54	21.8	4.1	2	164	0.4	0.16	0.2	7.3	30	14.1	2.1	5	0.02	0.13	22
1198898	408647	7088088	8N	0.05	1.29	26.6	16.8	0.5	227	0.5	0.19	0.05	7.1	29	19.8	2.16	4	0.03	0.13	24
1198899	408622	7088132	8N	0.05	1.23	24.1	4.1	1	156	0.4	0.21	0.2	8	29	16	2.03	4	0.01	0.15	19
1198901	415107	7089758	8N	0.05	1.64	14.9	9.5	2	197	0.2	0.11	0.3	15.6	32	35.9	2.92	4	0.02	0.05	16
1198902	415155	7089765	8N	0.05	1.19	12.3	4	0.5	122	0.2	0.11	0.3	10.4	22	21.6	2.52	4	0.03	0.05	15
1198903	415203	7089781	8N	0.05	1.04	10.6	5.9	0.5	69	0.3	0.06	0.2	5.4	23	9.6	2.59	5	0.04	0.04	15
1198904	415250	7089798	8N	0.05	1.44	12.1	2.6	2	93	0.3	0.1	0.2	9.3	28	16.2	2.53	4	0.03	0.04	14
1198905	415296	7089819	8N	0.05	1.05	10.6	0.6	1	215	0.2	0.13	0.2	7.5	18	23.4	1.88	3	0.03	0.04	18
1198906	415341	7089841	8N	0.05	1.01	8.2	2.5	1	67	0.2	0.08	0.05	4.6	21	10.2	1.78	4	0.03	0.03	11
1198907	415385	7089866	8N	0.05	1.24	10.1	3.4	0.5	125	0.1	0.12	0.2	7.8	20	19.7	2.06	3	0.02	0.04	15

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1198857	0.52	201	2	0.012	24.5	0.07	13	0.14	96.4	3.7	1.3	26	0.1	7	0.045	0.5	3.2	47	1	51
1198860	0.75	277	2	0.024	42.8	0.095	13.8	0.18	19.2	5.5	0.7	43	0.1	8.7	0.076	0.8	2.8	70	1.1	57
1198861	0.44	416	1.5	0.018	28.1	0.09	16.1	0.13	37.1	3.6	0.8	23	0.1	8.5	0.046	0.5	2.8	45	3.9	63
1198863	0.42	266	1.5	0.018	29	0.073	9.8	0.1	41.7	2.8	0.7	18	0.1	6.6	0.051	0.3	1.8	47	0.5	64
1198864	0.29	158	0.3	0.005	27.6	0.039	10.1	0.025	316.9	3.4	0.25	8	0.1	10.5	0.074	0.3	2.8	27	2.3	63
1198865	0.32	291	1.1	0.007	20.5	0.062	11.2	0.025	10	1.9	0.25	12	0.1	3.2	0.042	0.2	1.2	44	0.6	59
1198866	0.33	314	0.9	0.009	26.5	0.073	10.9	0.07	16.9	2.3	0.6	14	0.1	7.3	0.041	0.2	1.9	38	0.8	61
1198867	0.17	251	0.5	0.003	29.1	0.054	11.2	0.025	47.2	2.3	0.6	13	0.1	8.6	0.019	0.3	1.8	25	0.2	51
1198869	0.37	497	1.1	0.006	31.5	0.078	10.8	0.025	8.7	2.7	1	14	0.1	5.5	0.036	0.2	2.3	44	1.3	67
1198870	0.35	225	1.1	0.014	20.1	0.047	12.7	0.12	17.3	2	0.6	12	0.1	2.8	0.042	0.3	1.4	43	0.4	49
1198871	0.29	394	1.3	0.007	23.2	0.055	17.2	0.07	15.2	2.3	0.5	16	0.1	3.7	0.017	0.4	2.5	35	0.5	59
1198872	0.15	130	1.3	0.006	12.8	0.106	13.3	0.15	7.6	0.9	0.9	10	0.1	0.5	0.012	0.3	1.6	30	0.2	30
1198873	0.29	254	1.5	0.006	23.6	0.056	21.5	0.05	15.1	2.1	0.5	9	0.1	4.2	0.034	0.3	1.7	40	0.4	55
1198874	0.2	373	1.5	0.007	14.9	0.091	17.9	0.14	10.7	1	0.6	10	0.1	0.8	0.021	0.4	1.5	46	0.2	58
1198875	0.31	335	1.1	0.005	32.4	0.078	122.8	0.025	62.8	4.6	0.7	15	0.1	6.1	0.028	0.4	3.5	43	0.9	164
1198876	0.45	376	1.2	0.008	31.3	0.044	15.1	0.09	4	2.4	0.5	14	0.1	4.8	0.044	0.3	1.3	45	0.5	71
1198877	0.46	644	1.6	0.009	44.4	0.063	14.5	0.08	17.8	3.4	0.6	16	0.1	6.9	0.053	0.3	2.5	47	0.8	74
1198878	0.5	522	1	0.008	43.6	0.068	13.2	0.025	3.2	3.5	0.6	19	0.1	7.3	0.079	0.3	2	51	1.2	67
1198879	0.33	380	1	0.006	22.6	0.047	10.1	0.025	1.7	1.6	0.25	10	0.1	2.5	0.045	0.2	0.9	46	0.5	62
1198880	0.42	367	1	0.007	28.6	0.045	9.3	0.025	1.8	2.9	0.25	15	0.1	6	0.059	0.3	1.4	41	0.5	57
1198881	0.45	338	1.1	0.007	31.5	0.052	9.7	0.025	2.6	2.9	0.25	13	0.1	6.1	0.056	0.3	1.6	43	1	65
1198882	0.41	296	1.3	0.006	26.1	0.06	10.4	0.025	1.1	2	0.25	15	0.1	2.9	0.042	0.2	1.3	47	0.4	61
1198883	0.39	399	3.6	0.008	14.6	0.062	13.3	0.025	4.7	3.6	0.25	20	0.1	4.5	0.041	0.3	6.2	47	1.9	53
1198884	0.36	251	1.3	0.006	16.1	0.059	8.9	0.025	2.1	2.1	0.25	16	0.1	3.7	0.045	0.2	2.4	40	1.6	55
1198885	0.38	298	1.3	0.008	15.6	0.078	7.4	0.05	1.6	2.2	0.25	19	0.1	6.1	0.062	0.2	3	37	4.4	52
1198886	0.31	173	2.5	0.007	13.7	0.054	13.4	0.06	1.5	2.1	0.25	17	0.1	3.5	0.042	0.2	2.2	55	1.3	44
1198887	0.17	158	1.3	0.007	7.5	0.059	8.1	0.08	0.9	0.7	0.7	15	0.1	0.3	0.02	0.2	3.1	27	0.7	28
1198888	0.38	591	2.6	0.007	14.5	0.057	10.8	0.06	1.9	2.2	0.25	20	0.1	1.7	0.036	0.3	6.4	48	1	51
1198889	0.54	275	0.9	0.007	17	0.077	11.2	0.025	1.2	2.6	0.25	19	0.1	6	0.095	0.3	2.3	50	1.1	55
1198890	0.48	334	0.8	0.005	19.3	0.058	10.3	0.025	1.1	2.9	0.25	13	0.1	6.7	0.073	0.2	2.2	46	0.6	59
1198891	0.46	248	1	0.005	18.5	0.06	9.9	0.025	1	2.3	0.25	13	0.1	7.2	0.058	0.2	2.1	43	0.5	53
1198892	0.52	266	1	0.006	18.4	0.058	10.2	0.025	1	3.2	0.25	17	0.1	6.8	0.068	0.2	3.4	49	0.6	55
1198893	0.53	276	0.9	0.007	17.2	0.074	11.3	0.025	1.5	3.2	0.25	19	0.1	7.3	0.093	0.4	2.5	51	1	52
1198894	0.53	280	0.7	0.007	15.7	0.08	11.5	0.025	1.5	3	0.25	21	0.1	7.4	0.092	0.4	2.3	50	0.9	49
1198895	0.51	326	0.9	0.005	16.5	0.065	9.9	0.025	1.1	2.4	0.25	15	0.1	9.6	0.087	0.3	2	47	1	51
1198896	0.46	334	1.1	0.005	15.8	0.057	12.5	0.025	1.2	2.3	0.25	14	0.1	6.5	0.062	0.3	1.5	50	0.9	52
1198897	0.47	256	0.8	0.006	13.9	0.064	10.5	0.025	1.4	2.2	0.25	15	0.1	5.1	0.077	0.3	1.8	47	0.8	48
1198898	0.47	250	0.8	0.006	15.6	0.058	10.1	0.025	1.5	2.7	0.25	20	0.1	7.1	0.075	0.3	2.6	44	0.6	50
1198899	0.5	263	0.7	0.006	15.2	0.074	9	0.025	1.1	2.1	0.5	19	0.1	6.4	0.087	0.3	1.4	42	0.8	50
1198901	0.47	641	1.7	0.005	35.5	0.048	15.6	0.025	2.3	3.7	0.25	12	0.1	4.3	0.034	0.05	1.1	55	0.2	87
1198902	0.35	483	1.2	0.005	22.7	0.049	15	0.025	1.9	1.8	0.25	11	0.1	3.2	0.03	0.05	1	41	0.2	78
1198903	0.22	290	1.2	0.004	13.7	0.034	16.9	0.025	2.2	1	0.25	7	0.1	1.2	0.021	0.1	0.5	48	0.1	40
1198904	0.34	406	1.3	0.004	20.2	0.047	16.9	0.05	2.3	1.9	0.25	10	0.1	3.6	0.029	0.05	0.7	45	0.3	60
1198905	0.32	304	0.8	0.004	18	0.043	14.1	0.025	1.7	2.2	0.25	11	0.1	4	0.027	0.05	0.6	30	0.2	56
1198906	0.25	158	0.8	0.004	9.8	0.042	10	0.025	0.6	0.7	0.25	8	0.1	0.4	0.015	0.05	0.5	39	0.2	33
1198907	0.33	253	0.7	0.004	16.6	0.055	10.6	0.025	1.2	2.2	0.25	11	0.1	2.5	0.023	0.05	0.9	31	0.1	54

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1198911	414229	7089232	8N	0.05	1.27	17.2	2.2	1	72	0.6	0.09	0.2	12.1	22	22.9	2.74	4	0.02	0.07	21
1198912	414225	7089283	8N	0.05	1.72	11.2	5.1	0.5	219	0.4	0.12	0.2	15.2	29	32.5	2.76	5	0.05	0.05	40
1198913	414237	7089331	8N	0.05	1.04	10.2	2.3	0.5	81	0.2	0.11	0.2	9.1	18	24	2.11	3	0.01	0.04	18
1198914	414254	7089378	8N	0.05	1.4	8.8	2.9	1	112	0.4	0.09	0.1	15.6	22	30.8	2.87	4	0.02	0.05	39
1198915	414282	7089420	8N	0.05	1.13	11.5	6.6	0.5	106	0.2	0.13	0.2	9.4	19	20.4	2.11	3	0.02	0.04	19
1198916	414297	7089469	8N	0.2	1.21	11.7	2	0.5	49	0.7	0.03	0.1	11.7	18	36.4	3.06	4	0.005	0.03	54
1198917	414324	7089512	8N	0.05	0.91	8.6	2.7	0.5	90	0.2	0.06	0.2	11.5	15	27.5	2.24	2	0.03	0.03	25
1198918	414367	7089538	8N	0.4	1.9	9.5	5.4	2	101	0.3	0.12	0.2	17.8	29	19.6	2.7	4	0.05	0.04	16
1198919	414411	7089561	8N	0.2	1.13	8.5	1.5	0.5	152	0.2	0.05	0.1	9.3	17	22.1	2.27	3	0.02	0.03	30
1198920	414451	7089593	8N	0.05	1.15	14.5	2.4	0.5	38	0.3	0.02	0.1	15.3	17	28	3.27	4	0.01	0.03	36
1198921	414492	7089622	8N	0.1	1.54	14.6	3.1	0.5	95	0.3	0.05	0.3	22.1	20	31.1	2.93	4	0.03	0.03	26
1198922	414535	7089650	8N	0.1	1.29	14.8	7.8	0.5	63	0.3	0.08	0.3	12	19	23	2.54	3	0.03	0.03	19
1198923	414582	7089666	8N	0.1	1.23	11.3	2.1	0.5	69	0.2	0.08	0.2	8.7	19	17.2	2.21	3	0.04	0.03	15
1198924	414630	7089678	8N	0.05	1.61	12.7	3.6	0.5	149	0.2	0.09	0.4	10.8	23	22.8	2.44	4	0.04	0.04	15
1198925	414677	7089696	8N	0.05	1.06	8.8	1	0.5	97	0.2	0.06	0.2	4.7	17	10.7	1.87	4	0.03	0.03	15
1198926	414718	7089726	8N	0.1	1.54	12.8	2.9	0.5	125	0.2	0.06	0.2	9.7	24	22.2	2.56	4	0.05	0.04	15
1198927	414767	7089734	8N	0.1	0.88	8.2	5.2	0.5	72	0.3	0.04	0.4	16.2	12	40.6	3.4	2	0.02	0.03	31
1198928	414816	7089746	8N	0.1	1.03	10	3.8	0.5	78	0.2	0.09	0.3	14.4	18	25.2	2.55	3	0.03	0.03	23
1198929	414866	7089744	8N	0.05	1.15	10.6	2.9	0.5	158	0.2	0.08	0.1	9	24	22.8	2.26	3	0.03	0.03	19
1198930	414914	7089731	8N	0.05	1.49	11.5	3.5	0.5	110	0.2	0.06	0.1	8.9	24	15.6	2.32	3	0.03	0.03	12
1198931	414964	7089727	8N	0.2	0.95	27.6	7	0.5	68	0.3	0.02	0.3	16.9	13	33	3.08	2	0.03	0.03	43
1198932	415014	7089723	8N	0.05	1.46	18.6	11.3	0.5	123	0.2	0.05	0.2	9.8	23	20.7	2.41	4	0.04	0.03	13
1198933	415057	7089749	8N	0.5	2.24	14.7	5.7	0.5	222	0.2	0.07	0.3	12.2	33	21.9	2.76	5	0.06	0.04	13
1198934	413556	7090130	8N	0.1	1.05	30.4	1.3	0.5	58	0.6	0.07	0.1	10.8	21	19.6	2.61	4	0.02	0.04	15
1198935	413556	7090182	8N	0.1	0.93	26.2	1.4	0.5	53	0.9	0.02	0.05	13	15	36.3	3.57	3	0.02	0.03	32
1198936	413557	7090232	8N	0.2	0.96	22.2	3.2	0.5	114	0.5	0.04	0.3	13.6	18	35.9	3.18	3	0.04	0.04	30
1198937	413555	7090284	8N	0.1	1.04	15.9	19.3	0.5	152	0.6	0.06	0.05	9.2	17	44.9	3.8	3	0.03	0.03	25
1198938	413555	7090335	8N	0.2	0.8	18.4	2.9	0.5	48	0.6	0.01	0.05	13.3	11	31.5	3.43	2	0.02	0.04	43
1198939	413558	7090386	8N	0.1	1.66	52.9	2.7	0.5	114	0.7	0.05	0.2	16.5	27	25.9	2.72	5	0.02	0.07	23
1198940	413561	7090435	8N	0.1	1.3	20.3	1.2	0.5	61	0.3	0.03	0.1	5.7	20	14.3	2.74	5	0.02	0.03	17
1198941	413561	7090486	8N	1.2	0.93	60.3	4.7	0.5	71	0.8	0.09	0.7	10.4	19	22.5	2.81	3	0.03	0.05	20
1198951	410698	7089336	8N	0.1	1.44	49.2	5.3	5	178	1.2	1.11	0.5	5.1	21	13.5	1.38	5	0.05	0.04	11
1198952	410699	7089385	8N	0.2	2.02	302.2	19.5	5	192	5.7	1.52	0.7	8.6	25	29.4	1.52	5	0.05	0.04	19
1198953	410698	7089435	8N	0.4	1.74	330	7	4	229	4.7	1.52	0.4	9.1	22	35.2	1.98	5	0.07	0.04	18
1198956	410698	7089585	8N	0.3	1.64	192.6	5.8	0.5	267	3.1	1.68	1	8.1	22	30.6	1.79	5	0.06	0.05	25
1198957	410698	7089636	8N	0.2	1.85	123.4	6.4	4	245	2.7	0.9	0.5	8.8	24	26.8	2.02	5	0.05	0.04	22
1198958	410698	7089685	8N	0.2	2.36	74.3	10.9	3	298	1.3	1.13	0.4	11	29	30.9	2.27	7	0.05	0.04	21
1198959	410699	7089734	8N	0.2	2.26	65.1	9.3	4	383	1.5	1.33	0.7	12.9	32	32.5	2.06	7	0.03	0.04	21
1198960	410698	7089785	8N	0.2	1.92	56.7	9.6	2	278	1.3	0.79	0.4	10.1	26	27.9	1.93	6	0.03	0.04	17
1198961	410700	7089836	8N	0.2	1.55	31	5.4	3	231	2.2	1.12	0.5	8	22	28.4	1.93	5	0.04	0.04	17
1198962	410700	7089886	8N	0.2	1.39	37.8	7	3	259	1.9	1.16	0.4	9.5	24	33	2.14	4	0.06	0.05	15
1198963	410699	7089936	8N	0.2	1.29	35.7	9.8	4	260	1.5	1.03	0.6	9.2	24	26.9	1.95	4	0.04	0.04	15
1198964	410699	7090035	8N	0.5	1.38	243.4	2.3	19	209	4	1.6	1.7	8.7	19	32	1.88	4	0.05	0.04	14
1198966	410698	7090136	8N	0.3	1.69	105.9	3.9	2	227	1.1	0.97	4.8	8.4	23	27.6	2.21	5	0.04	0.05	15
1198967	410698	7090136	8N	0.3	1.83	21.9	3.1	4	292	0.7	0.78	0.3	10	25	39	2.18	6	0.03	0.05	17
1198968	410698	7090186	8N	0.3	1.8	23	6.6	3	316	0.7	0.73	0.3	10.7	28	56.3	2.3	6	0.04	0.06	20

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1198911	0.41	306	1.1	0.004	21.4	0.053	10	0.025	1.6	1.7	0.25	14	0.1	6.1	0.028	0.3	1.8	33	0.2	52
1198912	0.51	508	1.3	0.006	26	0.06	11.1	0.025	1.1	4.4	0.25	13	0.1	5.9	0.033	0.2	3.4	46	0.2	65
1198913	0.36	269	0.8	0.005	22.8	0.062	8.1	0.025	0.8	1.7	0.25	11	0.1	6.9	0.029	0.05	1	27	0.2	58
1198914	0.48	362	0.9	0.003	32.5	0.037	11.7	0.025	2.5	2.3	0.25	9	0.1	11.8	0.018	0.2	2.5	26	0.05	62
1198915	0.36	275	0.7	0.004	21.5	0.075	10.1	0.025	1.6	2.1	0.25	13	0.1	6.2	0.026	0.1	1.3	28	0.1	67
1198916	0.48	292	1	0.004	15.7	0.046	10.4	0.025	4.2	1	0.25	14	0.1	20.4	0.006	0.05	2.7	13	0.05	69
1198917	0.3	355	0.8	0.003	24	0.037	8.2	0.025	1.7	1.5	0.25	6	0.1	7.2	0.02	0.05	1.5	23	0.1	53
1198918	0.41	818	1.3	0.005	18.1	0.08	11.1	0.025	1	1.7	0.25	10	0.1	2.2	0.019	0.1	0.9	40	0.2	72
1198919	0.36	235	0.6	0.004	19.6	0.025	13.2	0.025	1.5	1.7	0.25	9	0.1	7.9	0.016	0.05	1.2	23	0.05	55
1198920	0.32	437	1.1	0.003	24.8	0.042	25.7	0.025	3.2	1	0.25	9	0.1	7.2	0.005	0.05	1.6	19	0.05	61
1198921	0.39	557	0.8	0.004	33.9	0.048	30.3	0.025	2.5	2	0.25	9	0.1	6.8	0.015	0.05	1.7	26	0.1	84
1198922	0.35	445	0.9	0.004	21.3	0.062	24.9	0.025	1.6	1.6	0.5	9	0.1	5.3	0.018	0.05	1	27	0.2	77
1198923	0.33	277	0.8	0.004	18.3	0.041	15.9	0.025	1	1.6	0.25	8	0.1	5	0.021	0.05	0.7	30	0.2	58
1198924	0.42	468	0.9	0.005	22.1	0.057	18.7	0.025	1.2	2.6	0.6	9	0.1	3.4	0.022	0.05	1.3	38	0.2	80
1198925	0.2	214	0.8	0.004	10.2	0.042	15.7	0.025	0.5	1.2	0.25	7	0.1	1.1	0.018	0.05	0.8	38	0.05	38
1198926	0.41	290	1.1	0.005	19.2	0.045	15.4	0.025	0.8	2.9	0.6	9	0.1	5.8	0.028	0.05	1.6	41	0.2	60
1198927	0.23	450	0.9	0.004	28.2	0.043	33.2	0.025	1.7	1.5	0.6	7	0.1	12.2	0.013	0.05	1.9	15	0.05	94
1198928	0.33	560	0.9	0.005	27	0.053	20.7	0.025	3.9	1.8	0.25	9	0.1	7.8	0.027	0.05	1.2	29	0.2	70
1198929	0.35	367	0.9	0.005	20.2	0.039	13.6	0.025	1.7	2.7	0.25	9	0.1	6.1	0.036	0.05	1.1	39	0.3	56
1198930	0.34	324	0.9	0.005	17.1	0.038	12.9	0.025	1.1	2.2	0.25	7	0.1	5.4	0.03	0.05	0.7	36	0.2	53
1198931	0.23	522	0.8	0.003	35.5	0.031	29.6	0.025	17.8	1.5	0.25	9	0.1	16.1	0.005	0.05	1.8	14	0.05	77
1198932	0.33	262	0.9	0.004	20	0.023	12.8	0.025	2.9	2.1	0.25	6	0.1	5.6	0.028	0.05	0.6	37	0.2	57
1198933	0.48	345	1	0.006	23.3	0.03	22.1	0.025	1.9	3.2	0.25	9	0.1	7.6	0.042	0.1	1	51	0.2	65
1198934	0.33	389	1.3	0.005	13.6	0.053	45.4	0.025	21.6	1.2	0.25	9	0.1	3.7	0.018	0.1	0.8	29	0.2	45
1198935	0.24	289	0.9	0.004	25.2	0.031	29.3	0.025	15.7	1.4	0.25	7	0.1	13.6	0.005	0.1	1.7	19	0.05	50
1198936	0.28	418	1	0.004	30.7	0.028	23.2	0.025	9.5	2.1	0.5	9	0.1	9.8	0.017	0.05	1.3	28	0.1	81
1198937	0.34	282	2.2	0.004	19.6	0.035	38.2	0.025	40.4	2.1	0.8	11	0.3	8.8	0.011	0.05	1.5	19	0.05	65
1198938	0.12	398	1.3	0.002	23.8	0.037	22.6	0.025	17	1.1	0.25	10	0.1	13.8	0.004	0.2	1.7	13	0.1	57
1198939	0.43	469	1.1	0.004	33.9	0.032	14	0.025	2.9	2	0.25	8	0.1	8.5	0.037	0.2	1.8	35	0.4	65
1198940	0.24	200	1.2	0.003	15	0.029	13.8	0.025	4.1	1.3	0.25	5	0.1	5.6	0.009	0.05	0.7	36	0.2	55
1198941	0.23	447	1.1	0.003	22.9	0.078	204.4	0.025	29.5	3.1	0.5	13	0.1	5	0.017	0.2	1.8	28	0.2	234
1198951	0.28	222	0.7	0.062	13	0.092	12.1	0.17	1.1	1.4	0.25	61	0.1	2.2	0.036	0.05	0.9	24	0.5	53
1198952	0.33	395	0.9	0.133	22.8	0.09	20.6	0.16	1.4	1.6	0.6	104	0.1	4	0.023	0.05	1.7	21	1.6	43
1198953	0.38	426	0.6	0.045	20.6	0.113	19	0.16	2.4	1.9	0.7	65	0.1	2.4	0.024	0.1	1.7	30	0.6	54
1198956	0.37	427	0.6	0.049	17	0.114	16.1	0.14	1.9	2	1	74	0.1	3	0.031	0.1	2.7	31	0.4	60
1198957	0.41	292	0.5	0.043	20.1	0.097	15	0.09	1.7	2.1	0.6	53	0.1	3.6	0.025	0.1	1.9	34	0.8	58
1198958	0.54	482	0.6	0.08	24.2	0.113	15.6	0.08	1.7	2.5	0.5	70	0.1	3.9	0.027	0.1	1.8	37	0.4	62
1198959	0.54	1673	0.7	0.121	27.5	0.115	16.3	0.025	2.3	2.9	0.6	91	0.1	5.1	0.034	0.1	1.8	40	0.9	61
1198960	0.44	162	0.4	0.043	23.1	0.089	14.6	0.05	2.5	2.7	0.8	46	0.1	5.3	0.029	0.1	1.5	35	0.7	56
1198961	0.39	366	0.6	0.033	22.9	0.094	16.3	0.09	2.8	1.9	0.25	57	0.1	2.2	0.018	0.05	0.8	30	0.5	61
1198962	0.43	400	0.8	0.03	25	0.088	15.6	0.08	3.5	2.2	0.25	54	0.1	2.1	0.024	0.1	0.8	35	0.6	74
1198963	0.44	400	0.5	0.036	22.6	0.08	12.5	0.06	2.6	2.3	0.6	48	0.1	2.9	0.033	0.1	1	33	0.5	61
1198964	0.36	343	0.6	0.031	19.3	0.072	23.2	0.08	2	1.6	0.6	73	0.1	1.9	0.019	0.05	1.4	29	0.6	70
1198966	0.44	414	0.8	0.017	20.2	0.088	25.8	0.07	1.6	2.1	0.25	46	0.1	1.8	0.018	0.2	1.4	38	0.3	181
1198967	0.53	330	0.7	0.023	24.9	0.083	33.5	0.025	1.9	2.6	0.25	43	0.1	2.8	0.027	0.2	1.3	42	0.4	64
1198968	0.57	377	0.8	0.03	29	0.079	34.7	0.025	2.3	3	0.6	43	0.1	3.8	0.037	0.2	1.5	47	0.4	67

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1198969	410699	7090236	8N	0.3	1.86	23.7	6.7	4	339	1.1	1.37	0.6	9.9	29	49.3	2.21	6	0.04	0.06	20
1198970	410699	7090286	8N	0.3	1.65	19.9	3.4	3	272	0.4	0.69	0.6	9.2	24	27.5	2.26	5	0.03	0.06	22
1198971	410698	7089986	8N	0.3	1.2	174	1.8	6	139	3.4	1.74	1.6	8.1	19	32.6	1.8	4	0.06	0.04	12
1198972	408513	7085260	8N	0.4	0.36	34.5	6	2	50	0.3	0.33	0.3	9	11	34.8	3.51	0.5	0.08	0.07	18
1198973	408463	7085265	8N	0.2	1.11	12.9	4.4	0.5	97	0.3	0.26	0.2	10.7	26	33.8	3.06	3	0.03	0.09	29
1198974	408413	7085267	8N	0.1	1.36	13	1.7	0.5	93	0.3	0.14	0.5	14.2	24	34.8	3.29	4	0.01	0.12	33
1198975	403851	7080072	8N	0.05	1.1	11.5	1.8	0.5	67	0.1	0.11	0.2	8.8	18	18.8	2.22	3	0.03	0.05	17
1198976	403809	7080043	8N	0.05	1.16	12.1	3.8	0.5	66	0.2	0.09	0.1	4.9	19	18	2.05	4	0.03	0.04	17
1198977	403770	7080009	8N	0.1	1.36	14.6	3.4	0.5	92	0.2	0.11	0.1	7.9	24	26.6	2.58	4	0.03	0.04	21
1198978	403727	7079980	8N	0.05	1.19	15.2	2.1	1	107	0.2	0.1	0.2	10.1	21	27.3	2.65	4	0.03	0.03	25
1198979	403688	7079949	8N	0.1	1.29	16.4	6.7	0.5	104	0.2	0.16	0.1	10.1	22	29	2.65	4	0.04	0.08	31
1198980	403647	7079918	8N	0.1	0.88	15.2	6.7	0.5	69	0.2	0.22	0.2	11.1	19	35.2	2.41	3	0.05	0.03	26
1198981	403605	7079888	8N	0.05	1.14	17.5	18.5	2	82	0.2	0.07	0.1	7.2	20	21.8	2.31	4	0.03	0.03	18
1198982	403565	7079858	8N	0.05	1.04	32.8	7.7	0.5	114	0.3	0.17	0.3	15.8	20	27.6	2.94	3	0.03	0.09	42
1198983	403524	7079827	8N	0.1	1.06	28.6	3.4	2	72	0.2	0.14	0.2	9.7	19	27.5	2.38	3	0.02	0.04	21
1198984	403501	7079782	8N	0.05	1.23	14.4	2.5	0.5	78	0.2	0.1	0.4	8.8	20	19.7	2.33	3	0.02	0.04	18
1198985	403499	7079730	8N	0.1	1.09	24.6	1.8	0.5	81	0.3	0.07	0.2	8	19	19.6	2.41	4	0.04	0.05	19
1198986	403512	7079681	8N	0.05	1.13	16	5.7	0.5	71	0.2	0.09	0.3	9.4	20	18.7	2.26	3	0.03	0.05	15
1198987	403540	7079638	8N	0.05	1.39	19.4	2.6	1	99	0.3	0.09	0.2	8.7	25	25.1	2.67	4	0.04	0.06	20
1198988	403568	7079595	8N	0.05	1.17	22.5	3.4	2	78	0.2	0.09	0.2	8.4	22	24.3	2.54	4	0.03	0.05	20
1198989	403593	7079550	8N	0.05	1.54	25.7	3.3	1	100	0.2	0.14	0.3	11.6	24	23.4	2.85	4	0.04	0.08	24
1198990	403618	7079507	8N	0.05	1.69	17.5	0.25	2	116	0.2	0.1	0.3	12	26	21.3	2.7	4	0.05	0.05	20
1198991	403643	7079463	8N	0.05	0.99	12.6	0.6	2	72	0.2	0.13	0.2	8.9	20	18.6	2.17	3	0.03	0.04	19
1198992	403674	7079422	8N	0.05	1.57	15.2	1.5	2	101	0.2	0.08	0.2	9.5	26	27	2.64	5	0.03	0.05	20
1198993	403695	7079377	8N	0.1	1.47	17.5	3.3	0.5	88	0.3	0.06	0.2	7.4	24	22.1	2.56	5	0.03	0.04	19
1198994	403721	7079333	8N	0.2	1.68	17.1	1.1	2	89	0.2	0.08	0.2	8.4	28	23.4	2.62	5	0.03	0.05	18
1198995	403747	7079289	8N	0.05	1.42	16	2.1	2	101	0.2	0.1	0.3	8.2	25	21.8	2.44	4	0.02	0.04	19
1198996	403775	7079245	8N	0.05	1.31	15.9	0.9	1	99	0.2	0.18	0.2	8.5	23	21.4	2.27	4	0.04	0.04	23
1198997	403800	7079201	8N	0.05	1.12	11.3	2.3	1	67	0.2	0.1	0.05	5.5	20	15.8	1.99	4	0.03	0.04	20
1198998	403829	7079156	8N	0.05	1.16	12.9	0.25	1	70	0.2	0.09	0.1	5.1	22	15	2.07	4	0.02	0.05	22
1198999	403857	7079115	8N	0.05	1.16	19.7	0.25	1	69	0.3	0.1	0.3	18.5	19	33.6	2.6	3	0.01	0.05	34
1199000	403886	7079073	8N	0.05	1.37	62.8	4.1	0.5	81	0.4	0.08	0.2	13.8	22	22.4	2.71	4	0.02	0.04	17
1199351	411498	7088788	8N	2.2	2.05	3181.2	172.9	2	278	35	0.51	0.9	16.7	31	664.5	4.99	7	0.03	0.1	39
1199352	411499	7088738	8N	1.3	1.45	1190.6	100.8	3	164	18.7	0.33	1.6	14.1	34	211.8	3.82	5	0.05	0.16	49
1199353	411500	7088689	8N	1	1.44	925.9	25.2	2	174	6.7	0.27	0.7	10.8	29	177.9	2.76	5	0.05	0.11	34
1199354	411499	7088637	8N	0.3	1.62	742.9	13	0.5	181	3.5	0.29	0.6	11.5	28	67.2	2.64	5	0.04	0.09	25
1199355	411499	7088587	8N	0.5	1.57	713.8	10.9	2	191	5.6	0.25	0.4	12.9	30	313.5	2.88	5	0.03	0.11	32
1199356	411499	7088535	8N	0.2	1.75	159.8	1.1	1	111	1.1	0.15	0.1	10.1	27	44.8	2.76	6	0.03	0.06	16
1199357	411495	7088485	8N	0.4	1.16	233.8	2.7	3	105	1.4	0.25	0.3	10.1	25	111.6	2.5	4	0.03	0.09	24
1199358	411499	7088437	8N	0.3	1.35	25.4	1.2	3	156	1.4	0.27	0.2	10.8	27	65.6	2.52	4	0.02	0.08	26
1199359	411498	7088386	8N	0.7	0.85	2671.3	21.1	3	178	6.1	0.3	0.4	11.3	14	275.4	3.54	2	0.02	0.11	46
1199360	411498	7088336	8N	0.3	1.26	160	2.4	2	128	1.2	0.22	0.2	8.5	25	76.6	2.28	4	0.02	0.07	20
1199361	411499	7088287	8N	0.2	1.21	104.6	2.8	2	173	0.7	0.23	0.3	8.4	30	59.7	2.35	4	0.03	0.09	26
1199363	411497	7088236	8N	0.4	1.54	150.8	2.1	2	215	1.5	0.39	0.2	7.7	39	55.9	2.74	6	0.03	0.13	28
1199364	411498	7088188	8N	0.1	1.58	25.2	2.4	2	112	0.2	0.1	0.4	7.1	26	14.7	2.48	4	0.04	0.06	14
1199365	411497	7088138	8N	0.05	1.65	69.2	7.1	2	187	0.7	0.17	0.5	9.1	31	34	2.43	5	0.03	0.11	27

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1198969	0.53	369	0.8	0.044	26.9	0.088	39	0.09	3.8	3	0.25	57	0.1	3.5	0.03	0.2	1.9	40	0.4	69
1198970	0.49	318	0.8	0.03	25.5	0.082	41	0.06	3.3	3.2	0.6	41	0.1	4	0.031	0.1	1.3	38	0.4	74
1198971	0.35	356	0.5	0.019	17	0.096	22.2	0.11	5.8	1.2	0.6	59	0.1	1.1	0.016	0.1	2.2	30	0.3	57
1198972	0.19	220	1.9	0.004	30.5	0.05	54.6	0.025	63.6	1.3	0.25	58	0.1	4.2	0.002	0.2	1.3	9	0.05	85
1198973	0.56	448	1	0.005	36.2	0.042	48.2	0.025	12.8	1.9	0.25	25	0.1	4.5	0.016	0.1	1.3	26	0.05	84
1198974	0.65	518	1.1	0.005	33.7	0.048	39	0.025	8.9	1.5	0.25	16	0.1	8.3	0.021	0.1	0.9	26	0.05	96
1198975	0.38	317	0.6	0.004	19.7	0.047	11.5	0.025	0.6	1.4	0.25	10	0.1	4	0.026	0.1	0.6	28	0.1	50
1198976	0.35	179	0.7	0.004	14.6	0.049	16.5	0.025	0.5	1.3	0.25	9	0.1	1.5	0.019	0.2	0.8	29	0.1	47
1198977	0.43	324	0.9	0.005	20.3	0.06	14.3	0.025	0.6	2	0.25	10	0.1	3.1	0.031	0.1	1.4	37	0.3	59
1198978	0.43	408	0.8	0.004	25.4	0.058	12.8	0.025	0.6	1.4	0.25	10	0.1	3.6	0.02	0.05	1.4	31	0.2	58
1198979	0.64	609	0.9	0.003	29.5	0.071	14.9	0.025	0.5	2.1	0.25	12	0.1	8.6	0.023	0.05	1.5	31	0.2	66
1198980	0.38	375	0.8	0.005	27.7	0.078	14.2	0.025	0.7	1.4	0.25	15	0.1	6.8	0.029	0.05	1.2	31	0.5	59
1198981	0.34	303	0.9	0.004	20.5	0.04	17.2	0.025	0.7	1.3	0.25	9	0.1	2.1	0.019	0.05	0.9	30	0.2	54
1198982	0.33	874	0.8	0.004	36.6	0.094	23	0.025	1.9	1.8	0.25	13	0.1	8.4	0.011	0.05	1.5	19	0.1	80
1198983	0.38	373	0.9	0.004	24.6	0.062	18	0.025	0.7	1.8	0.25	12	0.1	5.9	0.028	0.05	1.4	32	0.3	63
1198984	0.39	313	1	0.005	22.3	0.035	10.9	0.025	0.7	1.6	0.7	10	0.1	3.7	0.032	0.05	0.8	34	0.2	53
1198985	0.35	323	0.7	0.004	21.6	0.028	14.6	0.025	0.6	1.2	0.25	9	0.1	2.2	0.018	0.05	0.8	29	0.1	52
1198986	0.36	462	0.7	0.004	21.2	0.048	15.6	0.025	0.7	1.2	0.25	8	0.1	1.8	0.024	0.05	0.8	27	0.2	69
1198987	0.38	306	1	0.005	20.6	0.043	20.3	0.025	0.6	1.7	0.25	10	0.1	3	0.033	0.2	0.9	42	0.2	58
1198988	0.35	285	0.9	0.004	20.2	0.04	17.5	0.025	0.7	1.5	0.25	10	0.1	3.3	0.029	0.05	0.9	39	0.2	61
1198989	0.58	501	0.9	0.005	24.8	0.069	17.6	0.025	0.6	2	0.25	13	0.1	3.7	0.038	0.1	1	38	0.3	79
1198990	0.44	456	1	0.006	20.5	0.068	14.7	0.025	0.7	1.9	0.25	11	0.1	1.8	0.027	0.05	1.1	43	0.2	69
1198991	0.35	376	0.7	0.005	17.8	0.062	11.9	0.025	0.6	1.5	0.25	12	0.1	2.6	0.038	0.05	0.8	34	0.2	61
1198992	0.49	374	1	0.005	18.8	0.054	18	0.025	0.6	1.6	0.25	9	0.1	1	0.029	0.1	1.1	44	0.2	67
1198993	0.41	348	1.1	0.004	17.3	0.049	16.5	0.025	0.6	1.4	0.25	9	0.1	0.8	0.023	0.1	1	44	0.1	59
1198994	0.47	292	0.9	0.006	18	0.069	15.2	0.025	0.7	1.7	0.5	9	0.1	1.1	0.029	0.1	1.1	46	0.2	68
1198995	0.42	310	1	0.006	18.7	0.053	14.4	0.025	0.7	2.2	0.5	10	0.1	2.5	0.04	0.1	1.1	42	0.2	63
1198996	0.43	363	1.1	0.005	18.1	0.057	13.8	0.025	0.5	1.4	0.25	14	0.1	1.4	0.026	0.05	1.5	38	0.2	57
1198997	0.43	197	0.7	0.004	15.6	0.044	11.1	0.025	0.4	0.9	0.25	9	0.1	0.9	0.025	0.05	0.8	34	0.1	48
1198998	0.4	183	0.8	0.004	14.9	0.044	11.9	0.025	0.4	1	0.25	9	0.1	0.9	0.023	0.1	0.7	37	0.2	46
1198999	0.46	712	0.7	0.003	32	0.048	24.6	0.025	0.5	1.7	0.25	9	0.1	11.8	0.027	0.05	1.2	22	0.05	66
1199000	0.43	581	0.8	0.004	20.1	0.062	17.2	0.025	0.7	1.8	0.6	9	0.1	3.8	0.021	0.05	0.9	34	0.2	63
1199351	0.7	668	1.2	0.015	27.7	0.109	22.5	0.025	200.8	4.3	2.2	79	0.5	11.6	0.041	0.3	8.7	46	3.1	88
1199352	0.61	535	2.1	0.011	23.4	0.115	53.2	0.025	65.7	4.8	1.2	45	0.2	15.7	0.07	0.4	23.6	47	4.4	101
1199353	0.51	433	1.2	0.008	21.2	0.098	25.1	0.025	17.4	3	1.2	28	0.1	11.3	0.066	0.3	9.6	45	6.1	76
1199354	0.51	398	1.2	0.007	24.8	0.113	11.1	0.025	3.4	2.5	0.7	31	0.1	9.5	0.056	0.2	4.3	45	2	78
1199355	0.49	364	1.3	0.009	24.9	0.091	10.6	0.025	7.5	2.9	1.1	49	0.1	10.5	0.064	0.3	12.1	46	6.2	71
1199356	0.43	251	1.3	0.006	21.6	0.047	12.7	0.025	1.3	2.2	1.1	13	0.1	4.8	0.053	0.1	1.3	54	1.3	62
1199357	0.43	421	1.2	0.007	17.4	0.077	10.5	0.025	7.1	2.5	0.7	18	0.1	5.5	0.043	0.2	2.8	38	1.5	55
1199358	0.47	413	1.2	0.008	23.7	0.082	10	0.025	3.1	2.7	0.5	22	0.1	7.7	0.06	0.2	3.1	43	3.2	66
1199359	0.18	799	1.5	0.004	16	0.103	33.4	0.025	43.6	7.9	1.1	21	0.1	19.4	0.004	0.3	11.9	20	1.8	62
1199360	0.41	290	1.1	0.006	20.2	0.075	8.7	0.025	2.8	2.2	0.7	16	0.1	7.5	0.051	0.2	2.7	39	2.4	62
1199361	0.46	332	0.9	0.009	19.6	0.071	8.5	0.025	4	2.7	0.8	17	0.1	9.1	0.068	0.2	3.2	44	2.7	55
1199363	0.53	292	1.9	0.008	17.8	0.061	11.4	0.025	13.6	5.1	0.9	27	0.1	10.8	0.071	0.3	6.1	53	2.9	70
1199364	0.38	250	0.9	0.006	16.6	0.027	10.5	0.025	1	1.8	0.25	10	0.1	6.4	0.052	0.2	0.9	43	1.3	50
1199365	0.47	406	1	0.009	19.5	0.072	9.6	0.025	3.3	2.5	0.25	17	0.1	8.3	0.082	0.3	3.4	48	4.4	67

SampleNum	Easting	Northing	Datum	Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm
1199366	411497	7088087	8N	0.05	1.39	58	1.1	2	158	0.6	0.2	0.3	8.7	29	27.3	2.4	5	0.02	0.1	23
1199367	411499	7088036	8N	0.1	1.58	71.9	3.1	1	112	0.5	0.12	0.7	6.2	27	25	2.34	6	0.04	0.08	17
1199368	411499	7087986	8N	0.2	1.43	89.6	4.1	2	118	0.4	0.11	0.3	8.5	26	33	2.71	4	0.03	0.08	18
1199369	411498	7087936	8N	0.2	1.94	141.8	4.2	2	158	0.7	0.08	0.4	11.8	38	48.2	2.95	6	0.04	0.1	18
1199370	411497	7087887	8N	0.2	1.35	64.7	10.6	1	148	0.5	0.11	0.4	9.7	27	45.6	2.6	4	0.03	0.1	21
1199371	411498	7087838	8N	0.1	0.94	45.1	5	1	126	0.3	0.17	0.3	7.4	22	28.9	2.34	3	0.01	0.06	19
1199372	411498	7087787	8N	0.2	1.09	79.2	6.8	3	143	0.6	0.17	0.2	7.4	22	32.4	2.41	3	0.04	0.07	17
1199373	411497	7087735	8N	0.1	0.9	24.6	7.4	0.5	115	0.3	0.25	0.4	7.7	23	25.2	2.33	3	0.03	0.07	21
1199374	411498	7087687	8N	0.05	1.72	35.5	4.8	2	136	0.6	0.08	0.2	9.4	29	26	2.85	6	0.03	0.07	18
1199375	411501	7087638	8N	0.1	1.42	14.2	3.4	2	59	0.4	0.07	0.4	4.1	20	12.9	1.99	4	0.04	0.03	10
1199376	411499	7087588	8N	0.2	1.42	42.4	8.3	3	221	0.7	0.22	0.3	8.2	27	29.8	2.59	4	0.05	0.1	23
1199377	411500	7087537	8N	0.1	0.96	31.5	4.6	3	125	0.4	0.16	0.3	7.5	20	21.3	2.18	3	0.02	0.07	18
1199378	411497	7087486	8N	0.2	1.28	32.5	3.3	2	128	0.4	0.13	0.3	6.8	23	23.3	2.28	4	0.02	0.07	15
1199379	411499	7087434	8N	0.2	1.43	57	10.5	2	161	0.6	0.1	0.6	8	24	28.9	2.62	4	0.03	0.07	15
1199380	411500	7087387	8N	0.05	1.18	25.3	6.7	3	149	0.8	0.21	0.3	7.4	23	17.7	2.13	4	0.02	0.08	18
1199381	411501	7087335	8N	0.05	1.22	19.2	4.3	1	120	0.4	0.15	0.2	7.5	23	19	2.19	4	0.02	0.06	19
1199382	411500	7087287	8N	0.05	1.19	20.5	50.5	2	135	0.9	0.12	0.3	6	23	17.8	2.09	4	0.02	0.07	16
1199383	410298	7087635	8N	0.2	1.39	96.8	20.7	2	186	1	0.19	0.05	7.3	28	18.8	2.32	5	0.02	0.06	19
1199384	410298	7087536	8N	0.2	1.37	49.1	88.9	1	196	0.7	0.24	0.2	9	30	26.1	2.39	5	0.03	0.11	24
1199385	410298	7087487	8N	0.2	1.18	40.3	106.9	2	168	1.3	0.25	0.4	7.8	26	23.9	2.29	4	0.03	0.09	22
1199386	410298	7087436	8N	0.3	1.67	69.1	43.5	1	210	1.4	0.27	0.2	10.1	31	36.1	2.68	6	0.04	0.12	26
1199387	410299	7087386	8N	0.2	1.43	42.7	23.1	2	151	0.8	0.22	0.2	8.2	28	28.4	2.45	5	0.05	0.11	19
1199388	410298	7087286	8N	0.3	1.88	69.5	9.7	2	229	0.5	0.23	0.2	10	41	43.6	3.12	6	0.03	0.23	24
1199389	406269	7078954	8N	0.4	0.84	13.9	3.2	0.5	67	0.2	0.06	0.2	3.3	17	9.7	1.69	4	0.05	0.03	11
1199390	406272	7079005	8N	0.05	1.32	26.9	23.5	0.5	89	0.2	0.13	0.2	13.7	35	25.1	2.6	4	0.03	0.05	23
1199391	406275	7079056	8N	0.1	1.36	18	11.3	0.5	178	0.2	0.19	0.2	11.4	30	30.4	2.54	4	0.02	0.06	25
1199392	406284	7079109	8N	0.05	1.36	12.4	2.1	0.5	134	0.3	0.19	0.2	12.6	27	25.7	2.53	4	0.02	0.1	25
1199394	406307	7079156	8N	0.2	1.34	14.4	9	0.5	196	0.2	0.24	0.2	10.3	31	36.1	2.59	4	0.04	0.11	26

SampleNum	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
1199366	0.46	314	0.8	0.007	18.8	0.067	9.3	0.025	4.8	2.3	0.6	16	0.1	9.8	0.083	0.3	2	47	3	60
1199367	0.31	403	0.9	0.005	11.5	0.073	9.4	0.06	7	1.6	0.25	14	0.1	2.3	0.044	0.2	2.2	44	1	48
1199368	0.36	421	1.1	0.006	20.5	0.072	9.9	0.025	19.2	1.9	0.25	11	0.1	2.3	0.037	0.2	2	42	1.9	62
1199369	0.43	551	1.4	0.007	30.5	0.07	13.1	0.025	23.9	2.6	0.25	13	0.1	1.9	0.035	0.3	2.2	48	0.7	72
1199370	0.38	385	0.9	0.007	26.5	0.064	10.1	0.025	7.4	2.6	0.25	13	0.1	5.4	0.045	0.2	2	39	0.7	64
1199371	0.28	281	0.8	0.005	20.9	0.066	8.9	0.025	5.8	2	0.25	13	0.1	4.6	0.031	0.1	1.5	38	0.6	57
1199372	0.36	309	0.9	0.006	19.4	0.069	9.1	0.025	5	2.3	0.25	14	0.1	4.4	0.037	0.2	1.6	37	1.1	56
1199373	0.3	283	0.7	0.005	21.9	0.094	7.8	0.025	2.4	2	0.25	17	0.1	7.4	0.047	0.1	1.6	42	0.9	57
1199374	0.39	306	1.2	0.006	20.4	0.053	14.9	0.025	3.1	2.4	0.25	11	0.1	2.9	0.03	0.2	1.8	50	0.5	52
1199375	0.17	123	1	0.005	9.8	0.037	9.5	0.025	1.1	1.6	0.25	6	0.1	2.5	0.027	0.2	0.7	38	0.3	30
1199376	0.39	266	1.3	0.008	22	0.075	11.3	0.06	2.8	2.4	0.25	25	0.1	3.7	0.041	0.2	2.5	41	0.6	55
1199377	0.33	303	0.8	0.006	17.1	0.061	8.9	0.025	1.8	2.4	0.25	15	0.1	5.9	0.042	0.1	1.5	35	0.5	54
1199378	0.38	302	0.9	0.005	17.6	0.062	9.4	0.025	2.1	2.1	0.6	13	0.1	2.9	0.033	0.2	1.6	39	0.6	54
1199379	0.38	293	1.1	0.007	17.2	0.049	12.3	0.025	4	2.8	0.25	11	0.1	2.5	0.026	0.2	1.7	43	0.6	50
1199380	0.39	330	1.1	0.006	16.8	0.067	8.7	0.025	2.6	2.3	0.25	19	0.1	4.7	0.047	0.2	2.3	37	0.7	52
1199381	0.39	279	0.9	0.005	17.2	0.056	9	0.025	4.3	2.2	0.6	12	0.1	4.5	0.041	0.1	1.9	36	0.6	55
1199382	0.39	231	1.1	0.006	16.2	0.059	7.6	0.025	3.1	1.8	0.25	14	0.1	1.7	0.041	0.2	2.2	37	0.6	53
1199383	0.42	411	2.2	0.007	14.7	0.067	11.6	0.025	2.6	2	0.25	21	0.1	1.8	0.039	0.2	4.8	50	0.5	50
1199384	0.48	352	0.9	0.009	19.9	0.075	9.7	0.025	4	2.8	0.25	21	0.1	6.4	0.073	0.2	2.7	47	1.1	61
1199385	0.42	298	0.9	0.008	19.8	0.078	9.4	0.025	3.6	2.5	0.6	21	0.1	5.2	0.06	0.2	2.6	46	1	60
1199386	0.55	401	0.9	0.008	20.3	0.082	12.6	0.025	4	3.4	0.8	29	0.1	6.4	0.064	0.2	3	52	0.7	63
1199387	0.48	287	0.9	0.007	19	0.076	9.7	0.025	5	2.7	0.6	23	0.1	5.1	0.063	0.2	1.8	46	0.7	55
1199388	0.65	323	1.1	0.009	30	0.083	11.6	0.025	13.3	4	0.6	26	0.1	8	0.091	0.3	2.7	56	0.7	64
1199389	0.22	86	0.6	0.004	10	0.031	13.6	0.025	0.4	1	0.25	8	0.1	0.8	0.026	0.05	0.4	43	0.2	30
1199390	0.51	461	0.9	0.005	33.2	0.057	16	0.025	0.6	2.2	0.25	12	0.1	4.9	0.04	0.1	0.7	44	0.4	62
1199391	0.45	383	0.8	0.007	29.2	0.069	11.7	0.025	0.5	2.4	0.25	17	0.1	3.4	0.035	0.1	1	45	0.3	63
1199392	0.47	376	0.8	0.008	31.5	0.062	12.7	0.025	0.4	1.8	0.25	18	0.1	4.5	0.039	0.2	0.9	40	0.2	66
1199394	0.52	321	1	0.007	30.3	0.078	11.4	0.025	0.6	2.4	0.25	23	0.1	3.6	0.045	0.1	1.2	44	0.3	63

APPENDIX B: CERTIFICATE OF WORK

Yukon
Energy, Mines and Resources

QUARTZ MINING ACT FORM 4 SECTION 56

APPLICATION FOR A CERTIFICATE OF WORK

Version française

Office Date Stamp

I, Robin Sudo ,

Land Manager/Ryan Gold Corp.

of #600 - 666 Burrard St., Vancouver, B.C. V6C 2X8

Phone 250-421-0939

make oath and say that:

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.

2. I have done, or caused to be done, work, on the following mineral claim(s): (Here list claims on which work was actually done by number and name)

See Schedule "A" attached

Alp_Mahtin Group

situated at Fortymile Creek Claim sheet No. 115P15

in the Mayo Mining District, to the value of at least $294,300 dollars,

since the 22nd day of July to the 25th day of August 20 11 ,

to represent the following mineral claims under the authority of Grouping Certificate No. _____.
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

See Schedule "B" attached

3. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 56).

See Schedule "C" - Geophysical Survey & Schedule "C" - Soil Sampling Program Attached.

TOTAL EXPENDITURES = $298,721.10

*** REPORT TO FOLLOW

Sworn before me at the City of Cranbrook this 30th day of November 20 11 .

Wesley Rogers
Barrister & Solicitor
2nd Floor, 6 - 10 Ave. S.
Cranbrook, BC V1C 2M8

Notary Public

Owner or Authorized Agent

Access to Information and Protection of Privacy Act

The personal information requested on this form is collected under the authority of and used for the purpose of administering the *Quartz Mining Act*. Questions about the collection and use of this information can be directed to the Mining Recorders Office, Mineral Resources, Department of Energy, Mines and Resources, Yukon Government, Box 2703, Whitehorse, Yukon Territory, Y1A 2C6 (867) 667-3190

YG(5049Q) F2 04/2003

Ryan Gold Corp.

Schedule A

***Airborne Geophysics covered all claims listed below**

ALP_MAHTIN Group

Mapsheet 115P15

Claims work was performed on:

CLAIM NAME & #		GRANT #		UNITS
Alp	1 - 46	YD97433 - YD97478		46
Alp	47 - 128	YD131169 - YD131250		82
Alpine	1	YC01901		1
Alpine	7 - 12	YC01907 - YC01912		6
Alpine	18	YC01918		1
Alpine	20	YC01920		1
Alpine	22	YC01922		1
Alpine	24 - 29	YC01924 - YC01929		6
Alpine	31	YC01931		1
Alpine	33 - 38	YC01933 - YC01938		6
Callum	1 - 4	YC01939 - YC01942		4
Callum	5 - 6	YC02339 - YC02340		2
Callum	7 - 8	YC02341 - YC02342		2
Forty	49	YD131049		1
Forty	51	YD131051		1
Forty	53	YD131053		1
Forty	55	YD131055		1
Forty	57	YD131057		1
Forty	59	YD131059		1
Forty	65 - 72	YD131065 - YD131072		8
Forty	75 - 108	YD131075 - YD131108		34
Forty	111 - 120	YD131111 - YD131120		10
Forty	169 - 176	YD131251 - YD131258		8
Forty	209 - 240	YD140059 - YD140090		32
Mahtin	158 - 360	YD133718 - YD133920		203
Mahtin	537 - 624	YD139677 - YD139764		88
Mahtin	631 - 640	YD139771 - YD139780		10
Mahtin	647 - 656	YD139787 - YD139796		10
Mahtin	663 - 672	YD139803 - YD139812		10
Mahtin	679 - 688	YD139819 - YD139828		10
Mahtin	695 - 704	YD139835 - YD139844		10
Mahtin	711 - 731	YD139851 - YD139871		21
Mahtin	733 - 744	YD139873 - YD139884		12
Mahtin	747 - 758	YD139887 - YD139898		12
Mahtin	773 - 784	YD139913 - YD139924		12
Mahtin	795 - 806	YD139935 - YD139946		12
Mahtin	825 - 848	YD139965 - YD139988		24
Mahtin	873 - 888	YD140013 - YD140028		16
Mahtin	891 - 904	YD140031 - YD140044		14

Ryan Gold Corp.

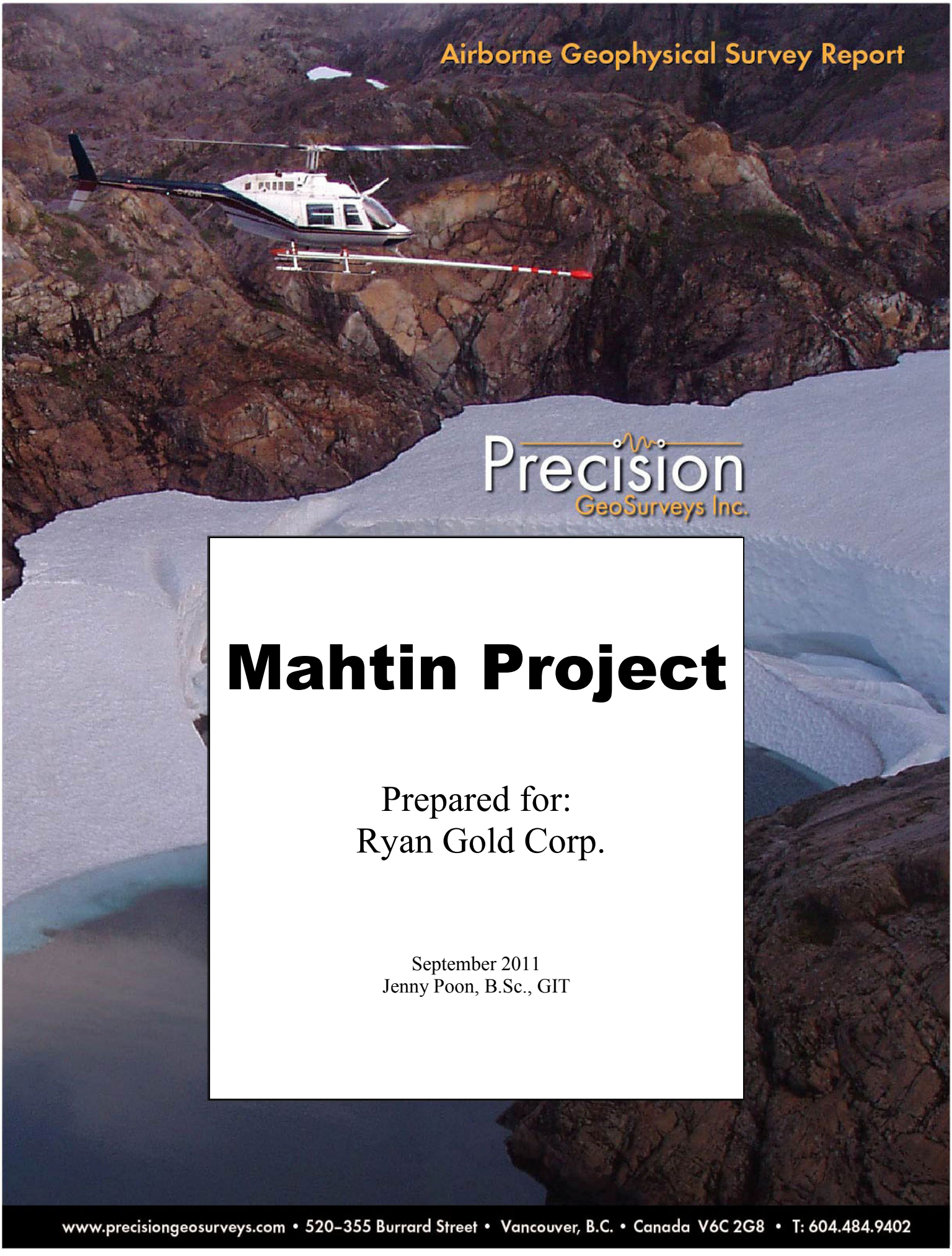
Schedule B

ALP_MAHTIN Group

Claims to be renewed:

CLAIM NAME & #	GRANT #	UNITS	EXPIRY DATE	# of Years	$100/Year	$5/Yr Fee	NEW EXPIRY DATE
Alp 1 - 46	YD97433 - YD97478	46	November 23, 2011	4.25	$19,550.00	$977.50	January 27, 2016
Alp 47 - 128	YD131169 - YD131250	82	November 23, 2011	4.25	$34,850.00	$1,742.50	January 27, 2016
Alpine 1	YC01901	1	August 10, 2012	4.5	$450.00	$22.50	January 27, 2017
Alpine 7 - 12	YC01907 - YC01912	6	February 10, 2013	4	$2,400.00	$120.00	January 27, 2017
Alpine 18	YC01918	1	February 10, 2013	4	$400.00	$20.00	January 27, 2017
Alpine 20	YC01920	1	February 10, 2013	4	$400.00	$20.00	January 27, 2017
Alpine 22	YC01922	1	February 10, 2013	4	$400.00	$20.00	January 27, 2017
Alpine 24 - 29	YC01924 - YC01929	6	February 10, 2013	4	$2,400.00	$120.00	January 27, 2017
Alpine 31	YC01931	1	February 10, 2013	4	$400.00	$20.00	January 27, 2017
Alpine 33 - 38	YC01933 - YC01938	6	February 10, 2013	4	$2,400.00	$120.00	January 27, 2017
Callum 1 - 4	YC01939 - YC01942	4	February 10, 2017	1	$400.00	$20.00	January 27, 2018
Callum 5 - 6	YC02339 - YC02340	2	February 10, 2016	1	$200.00	$10.00	January 27, 2017
Callum 7 - 8	YC02341 - YC02342	2	February 10, 2014	2	$400.00	$20.00	January 27, 2016
Forty 49	YD131049	1	November 23, 2011	4.25	$425.00	$21.25	January 27, 2016
Forty 51	YD131051	1	November 23, 2011	4.25	$425.00	$21.25	January 27, 2016
Forty 53	YD131053	1	November 23, 2011	4.25	$425.00	$21.25	January 27, 2016
Forty 55	YD131055	1	November 23, 2011	4.25	$425.00	$21.25	January 27, 2016
Forty 57	YD131057	1	November 23, 2011	4.25	$425.00	$21.25	January 27, 2016
Forty 59	YD131059	1	November 23, 2011	4.25	$425.00	$21.25	January 27, 2016
Forty 65 - 72	YD131065 - YD131072	8	November 23, 2011	4.25	$3,400.00	$170.00	January 27, 2016
Forty 75 - 108	YD131075 - YD131108	34	November 23, 2011	4.25	$14,450.00	$722.50	January 27, 2016
Forty 111 - 120	YD131111 - YD131120	10	November 23, 2011	4.25	$4,250.00	$212.50	January 27, 2016
Forty 169 - 176	YD131251 - YD131258	8	November 23, 2011	4.25	$3,400.00	$170.00	January 27, 2016
Forty 209 - 240	YD140059 - YD140090	32	March 11, 2012	5	$16,000.00	$800.00	January 27, 2017
Mahtin 158 - 360	YD133718 - YD133920	203	February 1, 2012	4	$81,200.00	$4,060.00	January 27, 2016
Mahtin 537 - 624	YD139677 - YD139764	88	March 11, 2012	4	$35,200.00	$1,760.00	January 27, 2016
Mahtin 631 - 640	YD139771 - YD139780	10	March 11, 2012	4	$4,000.00	$200.00	January 27, 2016
Mahtin 647 - 656	YD139787 - YD139796	10	March 11, 2012	4	$4,000.00	$200.00	January 27, 2016
Mahtin 663 - 672	YD139803 - YD139812	10	March 11, 2012	4	$4,000.00	$200.00	January 27, 2016
Mahtin 679 - 688	YD139819 - YD139828	10	March 11, 2012	4	$4,000.00	$200.00	January 27, 2016
Mahtin 695 - 704	YD139835 - YD139844	10	March 11, 2012	4	$4,000.00	$200.00	January 27, 2016
Mahtin 711 - 731	YD139851 - YD139871	21	March 11, 2012	4	$8,400.00	$420.00	January 27, 2016
Mahtin 733 - 744	YD139873 - YD139884	12	March 11, 2012	4	$4,800.00	$240.00	January 27, 2016
Mahtin 747 - 758	YD139887 - YD139898	12	March 11, 2012	4	$4,800.00	$240.00	January 27, 2016
Mahtin 773 - 784	YD139913 - YD139924	12	March 11, 2012	4	$4,800.00	$240.00	January 27, 2016
Mahtin 795 - 806	YD139935 - YD139946	12	March 11, 2012	4	$4,800.00	$240.00	January 27, 2016
Mahtin 825 - 848	YD139965 - YD139988	24	March 11, 2012	4	$9,600.00	$480.00	January 27, 2016
Mahtin 873 - 888	YD140013 - YD140028	16	March 11, 2012	4	$6,400.00	$320.00	January 27, 2016
Mahtin 891 - 904	YD140031 - YD140044	14	March 11, 2012	4	$5,600.00	$280.00	January 27, 2016
		721			**$294,300.00**	**$14,715.00**	
					Work Needed	**Fees**	

APPENDIX C: AIRBORNE GEOPHYSICS REPORT



Mahtin Project

Prepared for:
Ryan Gold Corp.

September 2011
Jenny Poon, B.Sc., GIT

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Introduction:

This report outlines the survey operations and data processing actions taken during the airborne geophysical survey flown at Moose Creek area, located in the Yukon's White Gold District. (Figure 1). The airborne geophysical survey was flown by Precision GeoSurveys Inc. for Ryan Gold Corp. The geophysical survey, carried out between July 22, 2011 and August 09, 2011, saw the acquisition of high resolution magnetic and radiometric data.

Figure 1: Mahtin Project area location relative to Moose Creek and Dawson, YT.

Precision GeoSurveys Inc.

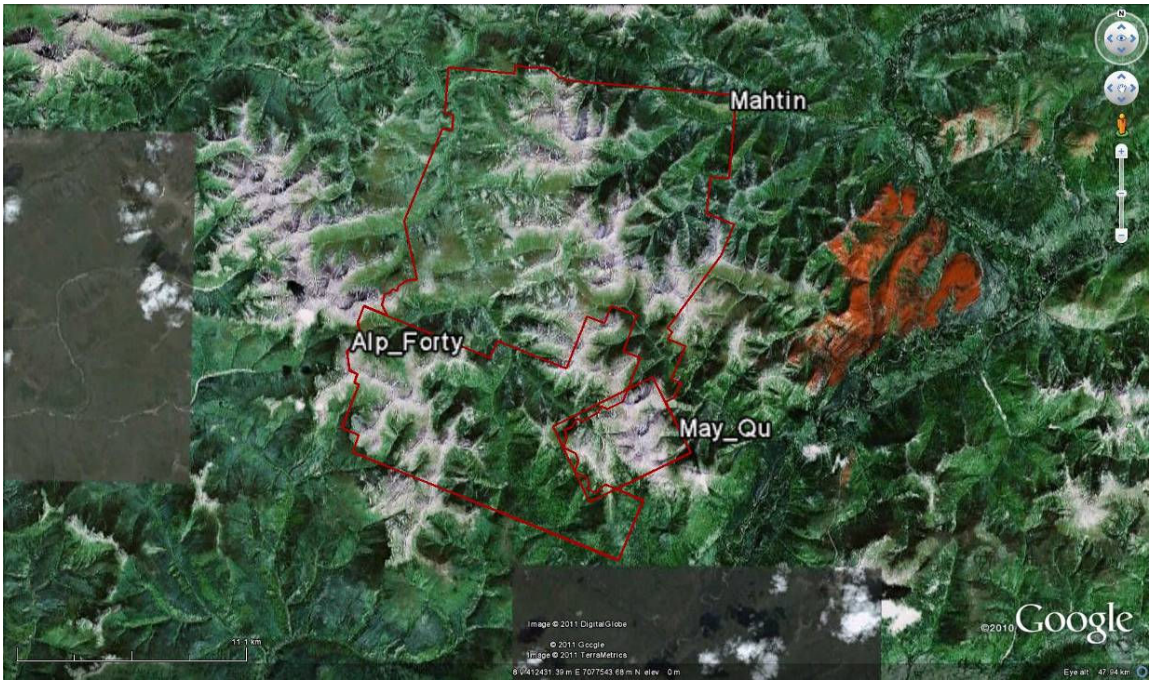


Figure 2: Mahtin, May_Qu, and Alp_Forty composing the Mahtin Project property.

The Mahtin Project is composed of three blocks: Mahtin, May_Qu, and Alp_Forty. The property is located approximately 128 kilometers south east of Dawson city and north west of Moose Creek. The Mahtin project property is found in the White Gold district. The survey area of Mahtin Project is approximately 14 km by 19 km (Figure 3 & Figure 4). With a 200 m buffer around the property, a total of 3389 line kilometers of magnetic and radiometric data were flown for this survey; this total includes tie lines and survey lines. The survey lines were flown at 100 meter spacings at a $000^{o}/180^{o}$ heading; the tie lines were flown at 1 km spacings at a heading of $090^{o}/270^{o}$ (Figure 5).

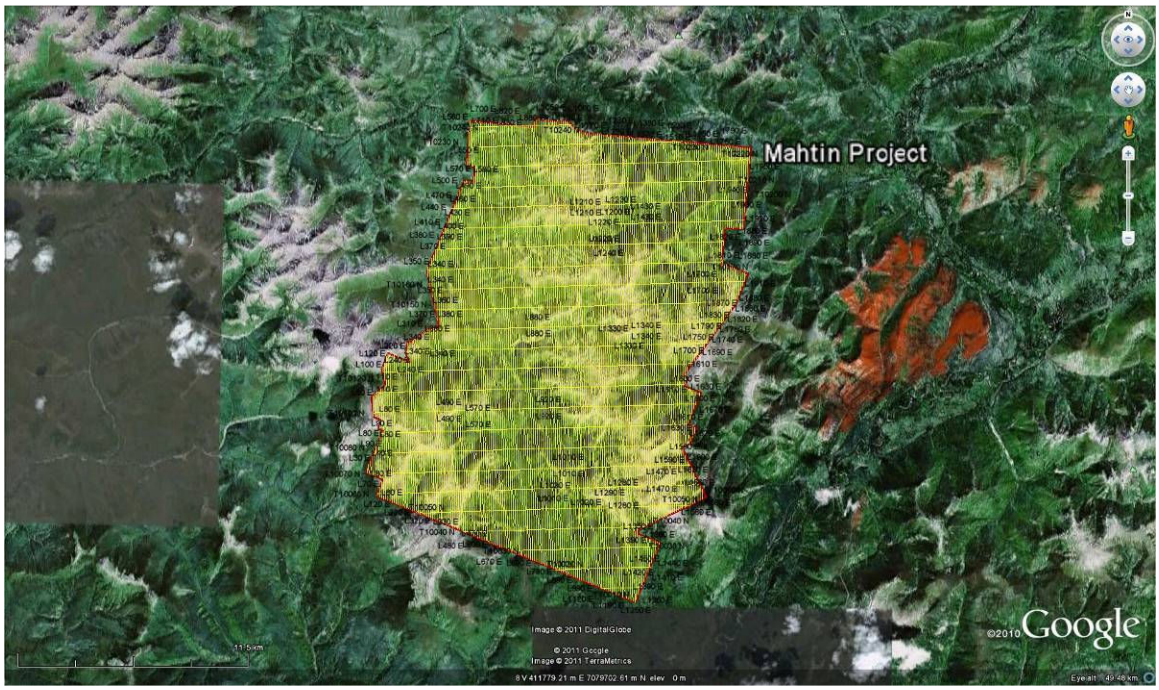


Figure 3: Mahtin Project with survey and tie lines outlined in yellow and the boundary in red in plane view.

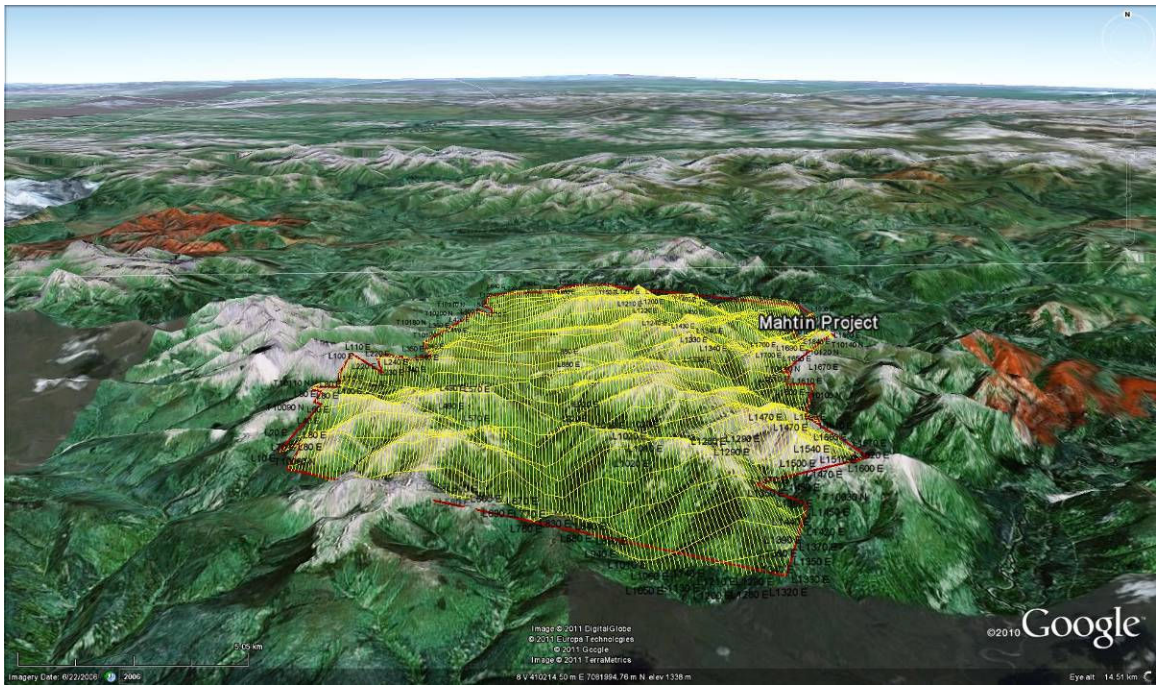


Figure 4: Mahtin Project with survey and tie lines outlined in yellow and the boundary in red in terrain view.

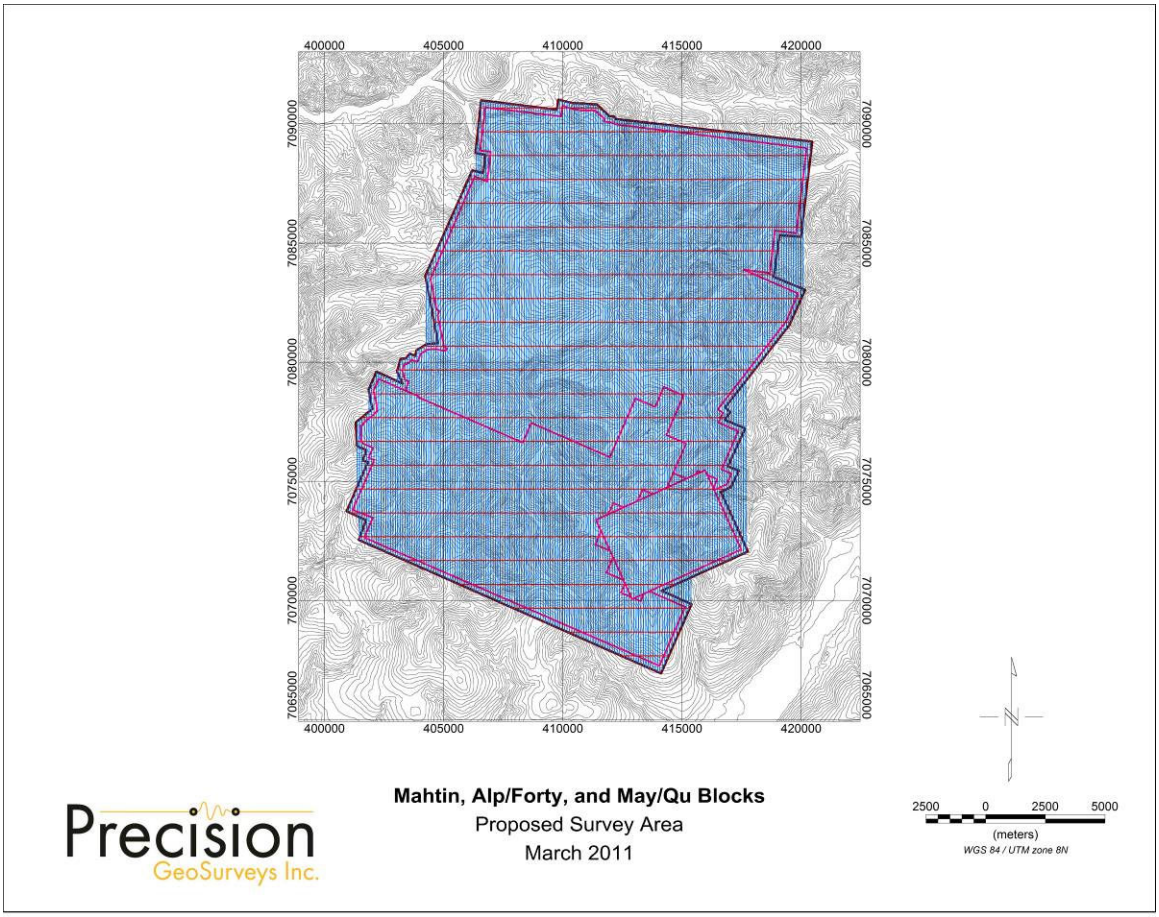


Figure 5: Proposed survey basemap of Mahtin Project showing survey and tie lines and the boundary in red.

Survey Specifications:

The geodetic system used for this survey is WGS 84 and the area is contained in zone 8N. The survey data acquisition specifications and coordinates for Mahtin Project are specified as followed (Table 1 and Table 2).

Survey	Line Spacing m	Survey Line km	Tie Line km	Total Line km	Survey Line Orientation	Nominal Survey Height m
Mahtin Project	100	3080	309	3389	000°/180°	35
Total				3389		

Table 1: Mahtin Project survey acquisition specifications.

Longitude	Latitude	Easting	Northing
136.9057788	63.93340271	406573	7090989
136.8406203	63.93073496	409758	7090598
136.8400107	63.93450404	409800	7091017
136.8274120	63.93341566	410414	7090878
136.8068713	63.93317052	411420	7090822
136.7957779	63.92879308	411950	7090319
136.7920682	63.92883900	412132	7090319
136.7900065	63.92785908	412230	7090207
136.6218567	63.92132013	420455	7089258
136.6294366	63.88537449	419981	7085263
136.6476690	63.88579643	419087	7085333
136.6515931	63.87007881	418849	7083587
136.6245948	63.86537567	420162	7083029
136.6371714	63.85206544	419506	7081562
136.6901128	63.82037035	416810	7078099
136.6857435	63.81866198	417020	7077903
136.6901192	63.81572936	416796	7077582
136.6726283	63.81267443	417648	7077219
136.6865124	63.79822219	416922	7075627
136.6770618	63.79669852	417383	7075445
136.6834926	63.79048366	417048	7074761
136.6918793	63.78850949	416629	7074552
136.6676149	63.76635028	417760	7072052
136.7400084	63.75070147	414143	7070404
136.7142435	63.74599203	415400	7069845
136.7386657	63.71962180	414115	7066940
136.9987520	63.76653228	401434	7072541
136.9930516	63.77399973	401741	7073364
137.0097105	63.77716221	400931	7073742
136.9928961	63.79595212	401825	7075809
136.9974634	63.79650845	401602	7075878
136.9943502	63.80043879	401769	7076311
137.0003657	63.80136106	401476	7076423
137.0026826	63.80195738	401364	7076493
137.0044413	63.81070411	401308	7077470
136.9906176	63.81603944	402007	7078043
136.9942486	63.82313551	401853	7078839
136.9882167	63.83011339	402174	7079607

136.9655007	63.82590849	403277	7079104
136.9706287	63.83035431	403040	7079607
136.9678336	63.83515944	403194	7080138
136.9633212	63.83547217	403417	7080166
136.9600302	63.83726744	403585	7080361
136.9557240	63.83645497	403794	7080264
136.9544495	63.83859985	403864	7080501
136.9461013	63.84109151	404283	7080766
136.9361832	63.84147606	404772	7080794
136.9490161	63.86675448	404227	7083629
136.9116636	63.90687840	406196	7088043
136.9022155	63.90612306	406657	7087945
136.9009625	63.91290830	406741	7088699
136.9092636	63.91355319	406336	7088783

Table 2: Mahtin Project survey polygon coordinates using WGS 84 in zone 8N.

2.0 Geophysical Data:

Geophysical data are collected in a variety of ways and are used to aid in the exploration and determination of geology, mineral deposits, oil and gas deposits, contaminated land sites and UXO detection.

For the purposes of this survey, airborne magnetic data were collected to serve in the exploration of Mahtin Project which contains rocks that are prospective for gold mineralization.

2.1 Magnetic Data:

Magnetic surveying is probably the most common airborne survey type to be conducted for both mineral and hydrocarbon exploration. The type of survey specifications, instrumentation, and interpretation procedures, depend on the objectives of the survey. Typically magnetic surveys are performed for:

1. Geological Mapping to aid in mapping lithology, structure and alteration in both hard rock environments and for mapping basement lithology, structure and alteration in sedimentary basins or for regional tectonic studies.
2. Depth to Basement mapping for exploration in sedimentary basins or mineralization associated with the basement surface.

2.2 Radiometric Data:

Radiometric surveys detect and map natural radioactive emanations, called gamma rays, from rocks and soils. All detectable gamma radiation from earth materials come from the natural decay products of three primary elements; uranium, thorium, and potassium. The purpose of radiometric surveys is to determine either the absolute or relative amounts of U, Th, and K in surface rocks and soils.

3.0 Survey Operations:

Precision GeoSurveys flew the Mahtin Project using a Eurocopter AS350 helicopters (Figure 6). The survey lines were flown at a nominal line spacing of one hundred (100) meters and the tie lines were flown at 1 km spacing for the magnetometer. The average survey elevation was 35 meters vertically above ground for the Mahtin Project. The experience of the pilot helped to ensure that the data quality objectives were met and that the safety of the flight crew was never compromised given the potential risks involved in airborne surveying.

Figure 6: Eurocopter AS350 equipped with mag stinger for magnetic data acquisition.

The base of operations for this survey was in Black Hills Creek, YT. The Precision crew consisted of five members:

Don Plattel and Colin Whitefield - Pilots
Mark Halls and Mike Jensen - Operators
Jenny Poon - On-site Geophysicist

The survey was started on July 22, 2011 and completed on August 09, 2011. The survey encountered several delays due to poor weather conditions and magnetic storms.

4.0 Equipment:

For this survey, a magnetometer, base station, laser altimeter, and a data acquisition system were required to carry out the survey and collect quality, high resolution data. The survey magnetometer is carried in an approved "stinger" configuration to enhance flight safety and improve data quality in this mountainous terrain.

4.1 AGIS:

The Airborne Geophysical Information System, AGIS, (Figure 7), is the main computer used in data recording, data synchronizing, displaying real-time QC data for the geophysical operator, and generation of navigation information for the pilot display system.

Figure 7: AGIS installed in the Eurocopter AS350.

The AGIS was manufactured by Pico Envirotec; therefore the system uses standardized Pico software and external sensors are connected to the system via RS-232 serial communication cables. The AGIS data format is easily converted into Geosoft or ASCII file formats by a supplied conversion program called PEIView. Additional Pico software allows for post real time magnetic compensation and survey quality control procedures.

4.2 Spectrometer:

The IRIS, or Integrated Radiometric Information System is a fully integrated, gamma radiation detection system containing 16.8 litres of NaI (T1) downward looking crystals and 4.2 litres NaI (T1) upward looking crystals (Figure 8). The IRIS is equipped with upward-shielding high density RayShield® gamma-attenuating material to minimize cosmic and solar gamma noise. Real time data acquisition, navigation and communication tasks are integrated into a single unit that is installed in the rear of the aircraft as indicated below. Information such as total count, counts of various radioelements (K, U, Th, etc.), temperature, cosmic radiation, barometric pressure, atmospheric humidity and survey altitude can all be monitored on the AGIS screen for immediate QC. All the radiometric data are recorded at 1 Hz.

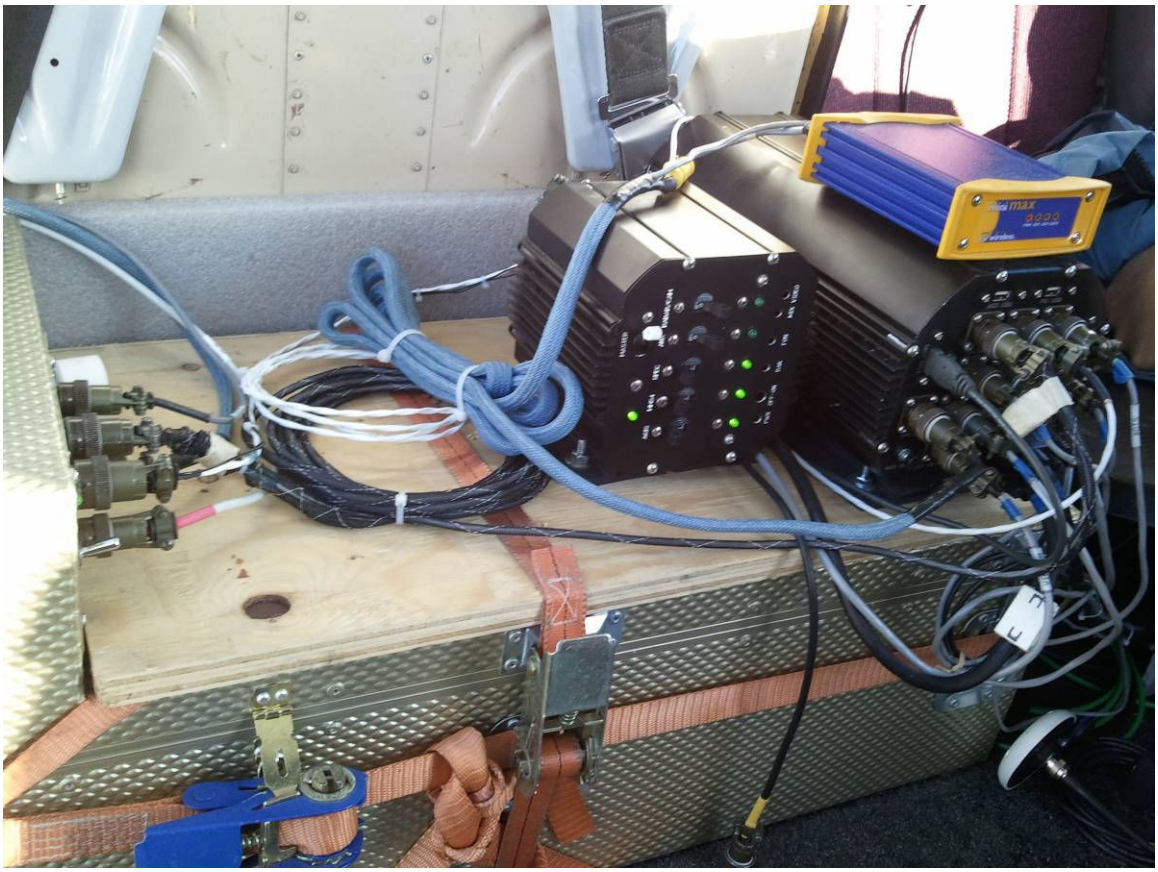


Figure 8: One of the IRIS strapped in the back seat of the Eurocopter AS350.

4.3 Magnetometer:

The magnetometer used by Precision GeoSurveys is a Scintrex cesium vapor CS-3 magnetometer. The system was housed in a front mounted "stinger" (Figure 9). The CS-3 is a high sensitivity/low noise magnetometer with automatic hemisphere switching and a wide voltage range, the static noise rating for the unit is +/- 0.01 nT. On the AGIS screen the operator can view the raw magnetic response, the magnetic fourth difference, aircraft position, and the survey altitude for immediate QC of the magnetic data. The magnetic data are recorded at 10 Hz. A magnetic compensator is also used to remove noise created by the movement of the helicopter as it pitches, rolls and yaws within the Earth's geomagnetic field.

Figure 9: View of the mag stinger.

4.4 Base Station:

For monitoring and recording of the Earth's diurnal magnetic field variation, Precision GeoSurveys uses two base stations: Scintrex proton precession Envi Pro magnetometer and GEM GSM-19T magnetometer. Both base stations are mounted as close to the survey blocks as possible to give accurate magnetic field data. The Envi Pro base station (Figure 10), uses the well proven precession technology to sample at a rate of 0.5 Hz. A GPS is integrated with the system to record real GPS time that is used to correlate with the GPS time collected by the airborne CS-3 magnetometer.

Figure 10: Scintrex Envi Pro proton precession magnetometer.

The GEM GSM-19T magnetometer (Figure 11) also uses the proton precession technology sampling at a rate of 0.5 Hz. The GSM-19T has an accuracy of +/- 0.2 nT at 1 Hz.

Figure 11: GEM GSM-19T proton precession magnetometer.

4.5 Laser Altimeter:

The pilot is provided with terrain guidance and clearance with an Acuity AccuRange AR3000 laser altimeter (Figure 12). This is attached at the aft end of the magnetometer boom. The AR3000 sensor is a time-of-flight sensor that measures distance by a rapidly-modulated and collimated laser beam that creates a dot on the target surface. The maximum range of the laser altimeter is 300 m off of natural surfaces with 90%

reflectance and 3 km off special reflectors. Within the sensor unit, reflected signal light is collected by the lens and focused onto a photodiode. Through serial communications and analog outputs, the distance data are transmitted and collected by the AGIS at 10 Hz.

Figure 12: Acuity AccuRange AR3000 laser altimeter.

5.0 Data Processing:

After all the data are collected after a survey flight several procedures are undertaken to ensure that the data meet a high standard of quality. All data were processed using Pico Envirotec software and Geosoft Oasis Montaj geophysical processing software.

5.1 Magnetic Processing:

During aeromagnetic surveying noise is introduced to the magnetic data by the aircraft itself. Movement in the aircraft (roll, pitch and yaw) and the permanent magnetization of the aircraft parts (engine and other ferric objects) are large contributing factors to this noise. To remove this noise a process called magnetic compensation is implemented. The magnetic compensation process starts with a test flight at the beginning of the survey where the aircraft flies in the four orthogonal headings required for the survey ($090^o/270^o$ and $180^o/360^o$ in the case of this survey) at an altitude where there is no ground effect in the magnetic data. In each heading, three specified roll, pitch, and yaw maneuvers are performed by the pilot; these maneuvers provide the data that are required to calculate the necessary parameters for compensating the magnetic data. A computer program called PEIComp is used to create a model for each survey to remove the noise induced by aircraft movement; this model is applied to each survey flight so the data can be further processed.

Followed by the compensation flight, a lag test is conducted. A lag correction of 1.0 seconds was applied to the total magnetic field data to compensate for the lag in the recording system as the magnetometer sensor flies 5.70 m ahead of the GPS antenna.

A magnetic base station is set up before every flight to ensure that diurnal activity is recorded during the survey flights. In this case, the base station was located in the bushes close to Moose Creek. Base station readings were reviewed at regular intervals to ensure that no data were collected during periods with high diurnal activity (greater than 5 nT per minute). The base station was installed within the survey blocks at a magnetically noise-free area, away from metallic items such as steel objects, vehicles, or power lines. The magnetic variations recorded from the stationary base station are removed from the magnetic data recorded in flight to ensure that the anomalies seen are real and not due to solar activity.

Filtering is applied to the laser altimeter data as to remove vegetation clutter and to show the actual ground clearance. To remove vegetation clutter a Rolling Statistic filter was applied to the laser altimeter data and a low pass filter was used to smooth out the laser altimeter profile to remove isolated noise. As a result, filtering the data will yield a more uniform surface in close conformance with the actual terrain.

Some filtering of the magnetic data is also required. A Non Linear filter was used for spike removal. The 1D Non-Linear Filter is ideal for removing very short wavelength, but high amplitude features from data. It is often thought of as a noise spike-rejection filter, but it can also be effective for removing short wavelength geological features, such as signals from surficial features. The 1D Non-Linear Filter is used to locate and remove data that are recognized as noise. The algorithm is 'non- linear' because it looks at each data point and decides if that datum is noise or a valid signal. If the point is noise, it is simply removed and replaced by an estimate based on surrounding data points. Parts of the data that are not considered noise are not modified. The combination of a Non-Linear filter for noise removal and a low pass trend enhancement filter resulted in level data as indicated in the results section of this report. The low pass filters simply smoothes out the magnetic profile to remove isolated noise.

5.2 Radiometric Processing:

Calibrating the spectrometer system in the helicopter is the first and vital step before the airborne radiometric data can be processed. Once calibration of the system has been complete, the radiometric data are processed by windowing the full spectrum to create channels for U, K, Th and total count. A 5-point Hanning filter was applied to the Cosmic window before going any further with processing the radiometric data.

Aircraft background and cosmic stripping corrections were applied to all three elements, upward uranium channels, and total count using the following formula:

$$C_{ac} = C_{lt} - (a_c + b_c * \mathrm{Cos}_f)$$

where: C_{ac} is the background and cosmic corrected channel
C_{lt} is the live time corrected channel
a_c is the aircraft background for this channel
b_c is the cosmic stripping coefficient for this channel
Cos_f is the filtered cosmic channel

The radon backgrounds are first removed followed by Compton stripping. Spectral overlap corrections are applied on to potassium, uranium, and thorium as part of the Compton stripping process. This is done by using the striping ratios that have been calculated for the spectrometer by prior calibration, this breaks the corrected elemental values down into the apparent radioelement concentrations. Lastly, attenuation corrections are applied to the data which involves nominal survey altitude corrections, in this case 34 metres is applied to total count, potassium, uranium, and thorium data.

With all corrections applied to the radiometric data, the final step is to convert the corrected potassium, uranium, and thorium to apparent radioelement concentrations using the following formula:

$$eE = C_{cor} / s$$

where: eE is the element concentration K(%) and equivalent element concentration of U(ppm) & Th(ppm)
s is the experimentally determined sensitivity
Ccor is the fully corrected channel

Finally, the natural air absorption dose rate is determined using the following formula:

$$E = 13.08 * K + 5.43 * eU + 2.69 * eTh$$

where: E is the absorption dose rate in nG/h
K is the concentration of potassium (%)
eU is the equivalent concentration of uranium (ppm)
eTh is the equivalent concentration of thorium (ppm)

To calculate for radiometric ratios it follows the guidelines in the IAEA report. Due to statistical uncertainties in the individual radioelement measurements, some care was taken in the calculation of the ratio in order to obtain statistically significant values. Following IAEA guidelines, the method of determining ratios of the eU/eTh, eU/K and eTh/K was as follows:

1. Any data points where the potassium concentration was less than 0.25 were neglected.
2. The element with the lowest corrected count rate was determined.
3. The element concentrations of adjacent points on either side of each data point were summed until they exceeded a certain threshold value. This threshold was set to be equivalent to 100 counts of the element with the lowest count rate. Additional minimum thresholds of 1.6% for Potassium, 20 ppm for thorium, and 30 ppm for uranium were set up to insure meaningful ratios.
4. The ratios were calculated using the accumulated sums.

With this method, the errors associated with the calculated ratios will be similar for all data points.

5.3 Final Data Format

Abbreviations used in the GDB files are listed in the following table:

Channel	Units	Description
X	m	UTM Easting - WGS84 Zone 8 North
Y	m	UTM Northing - WGS84 Zone 8 North
Galt_m	m	GPS height - WGS84 Zone 8 North
Lalt	m	Laser Altimeter readings
DTM	m	Digital Terrain Model
GPStime	Hours:min:secs	GPStime
basemag	nT	Base station diurnal data
mag	nT	Total Magnetic Intensity
BaltLC	m	Barometric Altitude
Baro_mb	millibar	Atmospheric Pressure
BAROmg_kP	KiloPascal	Atmospheric Pressure
BstpLC	m	Barometric Altitude (Pres and Temp Corrected)
RaltLC	m	Laser altimeter - Aircraft/sensor height
TempLC	Degrees C	Air Temperature
COSFILT	counts/sec	Spectrometer - Filtered Cosmic
TCcor	µR	Dose Rate Equivalent
Kcor	%	Equivalent Concentration - Potassium
Ucor	ppm	Equivalent Concentration - Uranium
THcor	ppm	Equivalent Concentration - Thorium
UpU_cps	counts/sec	Spectrometer RAW Counts - Upward Uranium
UPUTEMP	counts/sec	Spectrometer - Filtered Upward Uranium
THKratio		Spectrometer - eTh/%K ratio
UKratio		Spectrometer - eU/%K ratio
UTHratio		Spectrometer - eU/eTh ratio
Date	yyyy/mm/dd	Local Flight Date

Table 3: Mahtin Project survey channel abbreviations.

The file format will be provided in two (2) formats, the first will be a .GDB file for use in Geosoft Oasis Montaj, the second format will be a .XYZ file, this is text file. A complete file provided in each format will contain both magnetic and radiometric data.

Appendix A

Equipment Specifications

Scintrex Envi Pro Proton Magnetometer with Integrated GPS (Base Station)

Total Field Operating Range	23,000 to 100,000 nT (gamma)
Total Field Absolute Accuracy	±1 nT (gamma)
Sensitivity	0.1 nT (gamma) at 2 second sampling rate
Tuning/ Sampling	Fully solid state. Manual or automatic, keyboard selectable Cycling (Reading) Rates 0.5, 1, 2, or 3 seconds
Gradiometer Option	Includes a second sensor, 0.5m (20 inch) staff extender and processor module
Gradient Tolerance	> 7000 nT (gamma)/m
'Walking' Mode	Continuous reading, cycling as fast as 0.5 seconds
Supplied GPS Accuracy	+/- 1m (Autonomous), < 1m WAAS Connects to most external GPS receivers with NMEA & PPS output
Standard Memory	Total Field Measurements: 84,000 readings Gradiometer Measurements: 67,000 readings Base Station Measurements: 500,000 readings
Real-Time Clock	1 second resolution, ± 1 second stability over 24 hours or GPS time
Digital Data Output	RS-232C, USB Adapter
Power Supply	Rechargeable, 2.9 Ah, lead-acid dry cell battery 12 Volts External 12 Volt input for base station operations
Operating Temperature	40°C to +60°C (-40°F to 140°F)
Dimensions and Weight	Console: 250mm x 152mm x 55mm (10" x 6" x 2.25") 2.45 kg (5.4 lbs) with rechargeable battery Magnetic 70mm d x 175mm (2.75"d x 7") Sensor: 1 kg (2.2 lbs) Gradiometer 70mm d x 675mm (2.75"d x 26.5") Sensor: (with staff extender) 1.15 kg (2.5 lbs) Sensor Staff: 25mm d x 2m (1"d x 76") 0.8 kg (1.75 lbs)

GEM GSM-19T Proton Precession Magnetometer (Base Station)

Configuration Options	15
Cycle Time	999 to 0.5 sec
Environmental	-40 to 60 ° Celsius
Gradient Tolerance	7,000 nT/m
Magnetic Readings	299,593
Operating Range	10, 000 to 120,000 nT
Power	12 V @ 0.62 A
Sensitivity	0.1 nT @ 1 sec
Weight (Console/ Sensor)	3.2 Kg
Integrated GPS	Yes

Scintrex CS-3 Survey Magnetometer

Operating Principal	Self-oscillation split-beam Cesium Vapor (non-radioactive Cs-133)
Operating Rage	15,000 to 105,000 nT
Gradient Tolerance	40,000 nT/metre
Operating Zones	10° to 85° and 95° to 170°
Hemisphere Switching	a) Automatic b) Electronic control actuated by the control voltage levels (TTL/CMOS) c) Manual
Sensitivity	0.0006 nT √Hz rms.
Noise Envelope	Typically 0.002 nT P-P, 0.1 to 1 Hz bandwidth
Heading Error	+/- 0.25 nT (inside the optical axis to the field direction angle range 15° to 75° and 105° to 165°)
Absolute Accuracy	<2.5 nT throughout range
Output	a) continuous signal at the Larmor frequency which is proportional to the magnetic field (proportionality constant 3.49857 Hz/nT) sine wave signal amplitude modulated on the power supply voltage b) square wave signal at the I/O connector, TTL/CMOS compatible
Information Bandwidth	Only limited by the magnetometer processor used
Sensor Head	Diameter: 63 mm (2.5”) Length: 160 mm (6.3”) Weight: 1.15 kg (2.6 lb)
Sensor Electronics	Diameter: 63 mm (2.5”) Length: 350 mm (13.8”) Weight: 1.5 kg (3.3 lb)
Cable, Sensor to Sensor Electronics	3m (9’ 8”), lengths up to 5m (16’ 4”) available
Operating Temperature	-40°C to +50°C
Humidity	Up to 100%, splash proof
Supply Power	24 to 35 Volts DC
Supply Current	Approx. 1.5A at start up, decreasing to 0.5A at 20°C
Power Up Time	Less than 15 minutes at -30°C

Scintrex ENVI PRO Proton Base Station Magnetometer with Integrated GPS

Total Field Operating Range	23,000 to 100,000 nT (gamma)
Total Field Absolute Accuracy	±1 nT (gamma)
Sensitivity	0.1 nT (gamma) at 2 second sampling rate
Tuning/ Sampling	Fully solid state. Manual or automatic, keyboard selectable Cycling (Reading) Rates 0.5, 1, 2, or 3 seconds
Gradiometer Option	Includes a second sensor, 0.5m (20 inch) staff extender and processor module
Gradient Tolerance	> 7000 nT (gamma)/m
"Walkmag" mode Option	Continuous reading, cycling as fast as 0.5 seconds
Supplied GPS Accuracy	+/- 1m (Autonomous), < 1m WAAS Connects to most external GPS receivers with NMEA & PPS output
Standard Memory	**Total Field Measurements**: 84,000 readings **Gradiometer Measurements**: 67,000 readings **Base Station Measurements**: 500,000 readings
Real-Time Clock	1 second resolution, ± 1 second stability over 24 hours or GPS time
Digital Data Output	RS-232C, USB Adapter
Power Supply	Rechargeable, 2.9 Ah, lead-acid dry cell battery 12 Volts External 12 Volt input for base station operations
Operating Temperature	-40°C to +60°C (-40°F to 140°F)
Dimensions and Weight	**Console**: 250mm x 152mm x 55mm (10" x 6" x 2.25") 2.45 kg (5.4 lbs) with rechargeable battery **Magnetic** 70mm d x 175mm (2.75"d x 7") **Sensor**: 1 kg (2.2 lbs) **Gradiometer** 70mm d x 675mm (2.75"d x 26.5") **Sensor**: (with staff extender) 1.15 kg (2.5 lbs) **Sensor Staff**: 25mm d x 2m (1"d x 76") 0.8 kg (1.75 lbs)
Options	• Base Station Accessories Kit • Cold Weather Accessories • Additional Software Packages • Training Programs

Pico Envirotec GRS-10 Gamma Spectrometer

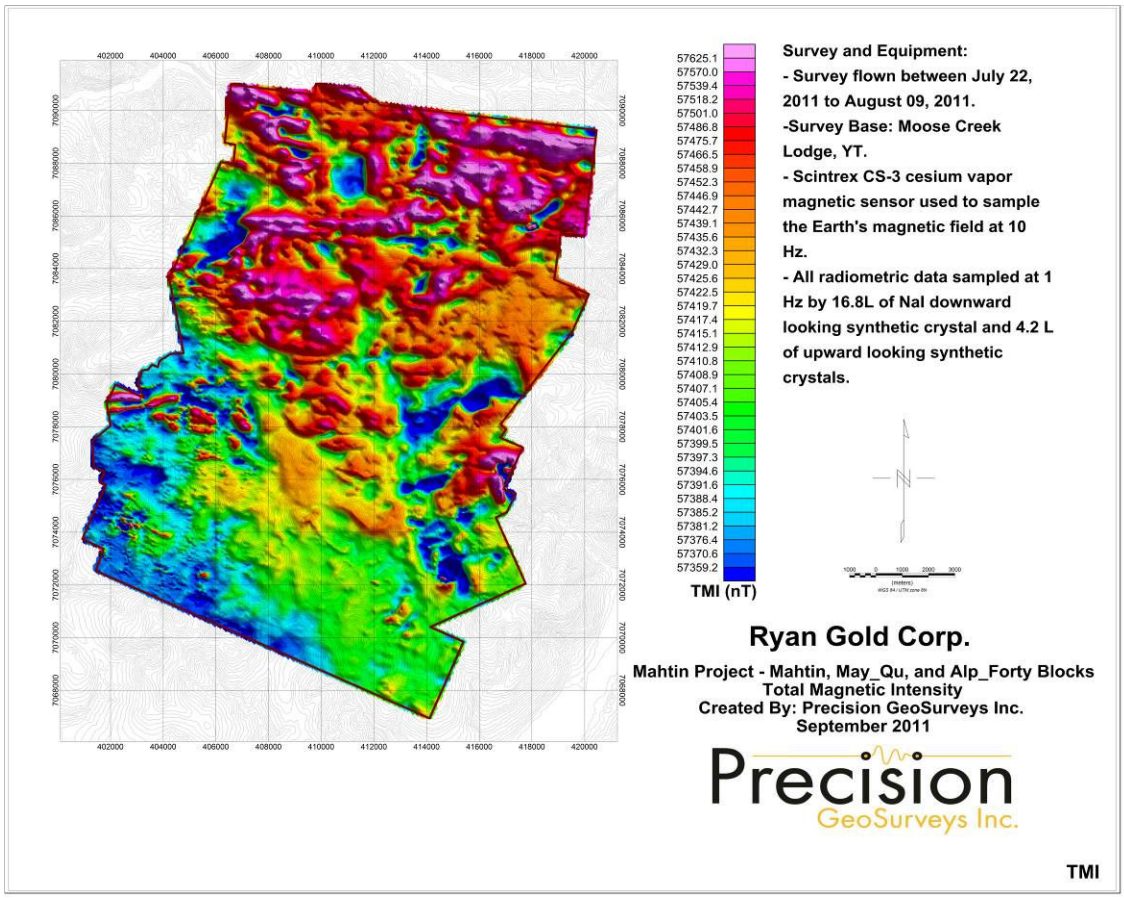
Crystal volume	16.8 liters downward plus 4.2 liters upward
Resolution	256/512 channels
Tuning	Automatic using peak determination algorithm
Detector	Digital Peak
Calibration	Fully automated detector
Real Time	Linearization and gain stabilization
Communication	RS232
Detectors	Expandable to 10 detectors and digital peak
Count Rate	Up to 60,000 cps per detector
Count Capacity per channel	65545
Energy detection range:	36 KeV to 3 MeV
Cosmic channel	Above 3 MeV
Upward Shielding	RayShield® non-radioactive shielding on downward looking crystals
Downward Shielding	6mm lead plate on upward looking crystals
Spectra	Collected spectra of 256/512 channels, internal spectrum resolution 1024
Software	**Calibration:**High voltage adjustment, linearity correction coefficients calculation, and communication test support **Real Time Data Collection:** Automatic Gain real time control on natural isotopes, and PC based test and calibration software suite
Sensor	Each box containing two (2) gamma detection NaI(Tl) crystals – each 4.2 liters. (256 cu in.) (approx. 100 x 100 x 650 mm) Total volume of approx 8.4 litres or 512 cu in with detector electronics
Spectra Stabilization	Real time automatic corrections on radio nuclei: Th, Ur, K. No implanted sources.

Pico Envirotec AGIS data recorder system
(for Navigation, Gamma spectrometer, VLF-EM and Magnetometer Data Acquisition)

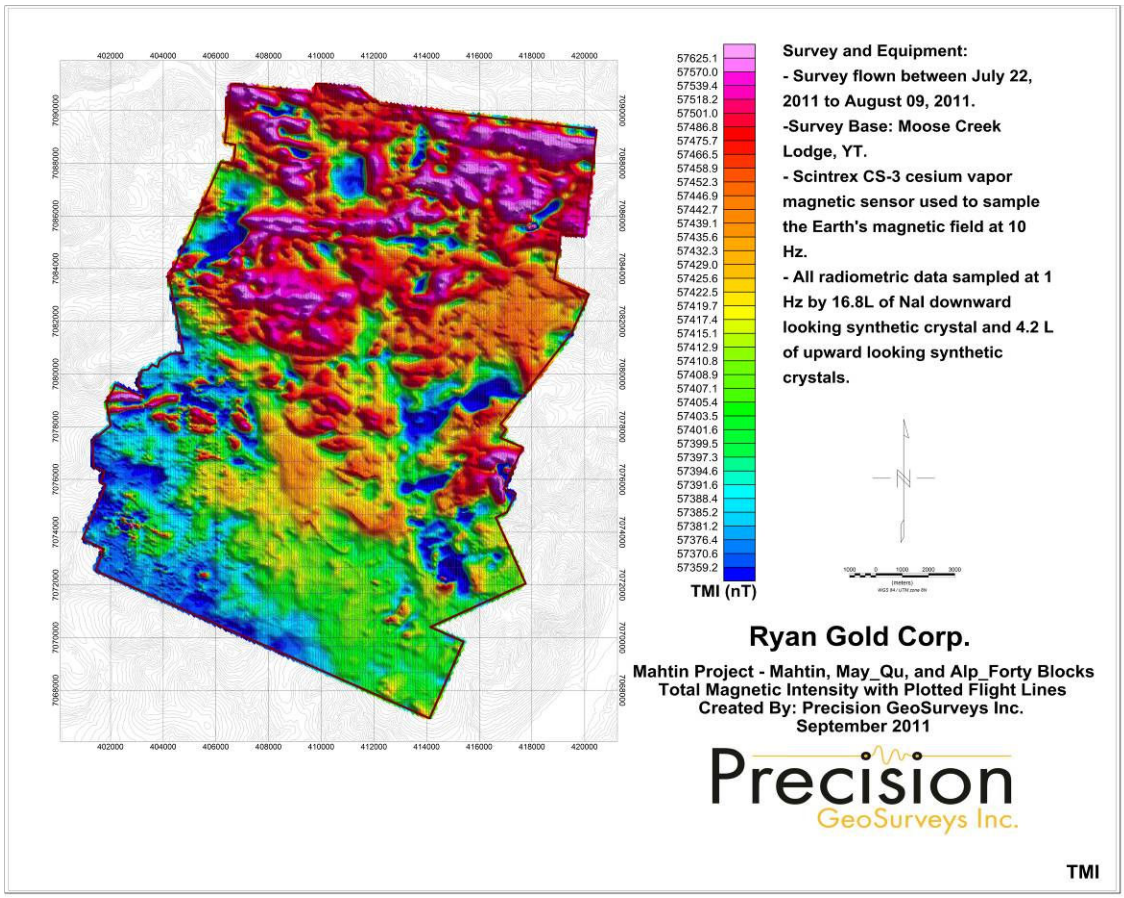
Functions	Airborne Geophysical Information System (AGIS) with integrated Global Positioning System Receiver (GPS) and all necessary navigation guidance software. Inputs for geophysical sensors - portable gamma ray spectrometer GRS-10, MMS4 Magnetometer, Totem 2A EM, A/D converter, temperature probe, humidity probe, barometric pressure probe, and laser altimeter. Output for the 2 line Pilot Indicator
Display	Touch screen with display of 800 x 600 pixels; customized keypad and operator keyboard. Multi-screen options for real-time viewing of all data inputs, fiducial points, flight line tracking, and GPS channels by operator.
GPS Navigation	Garmin 12-channel, WAAS-enabled
Data Sampling	Sensor dependent
Data Synchronization	Synchronized to GPS position
Data File	PEI Binary data format
Storage	80 GB
Supplied Software	**PEIView:** Allows fast data Quality Control (QC) **Data Format:** Geosoft GBN and ASCII output **PEIConv**: For survey preparation and survey plot after data acquisition
Software	**Calibration:** High voltage adjustment, linearity correction coefficients calculation, and communication test support **Real Time Data Collection:** Automatic Gain real time control on natural isotopes and PC based test and calibration software suite
Power Requirements	24 to 32 VDC
Temperature	Operating:-10 to +55 deg C; storage:-20 to +70 deg C

Appendix B

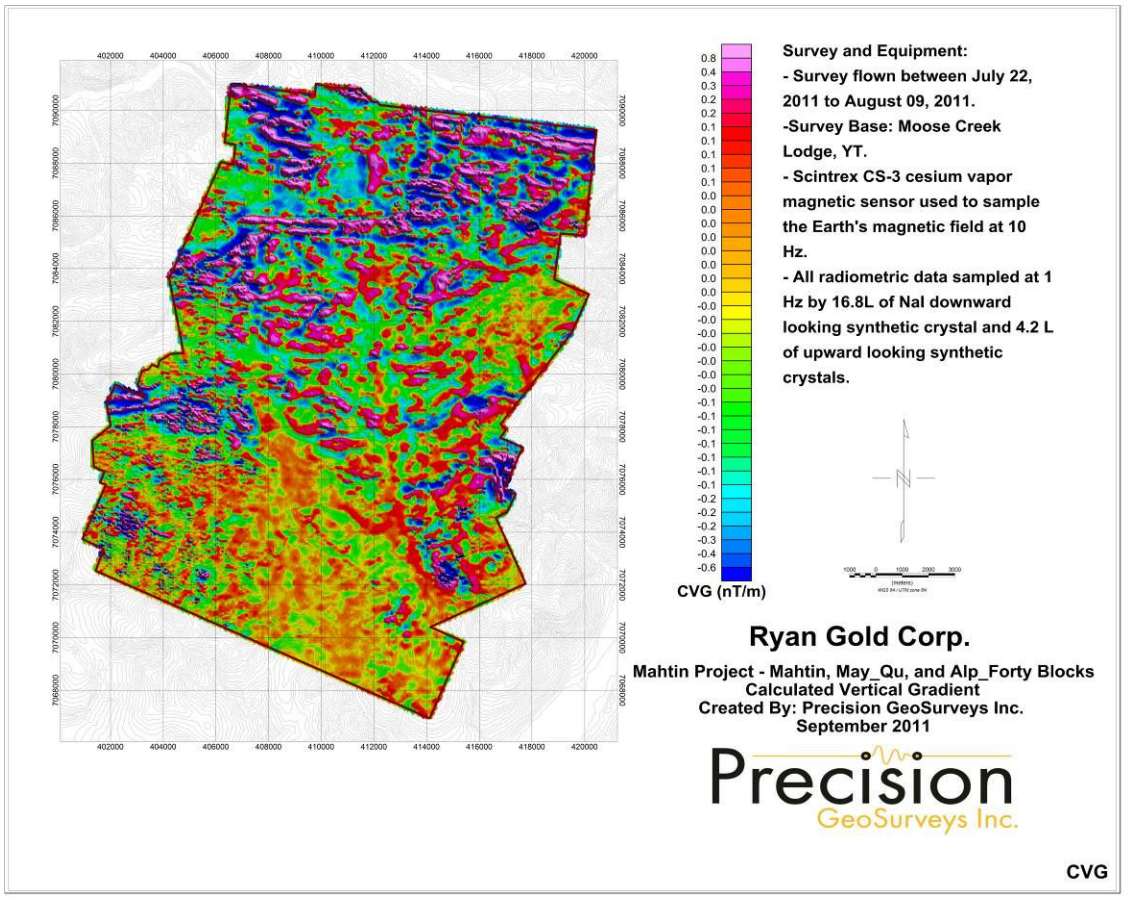
Maps



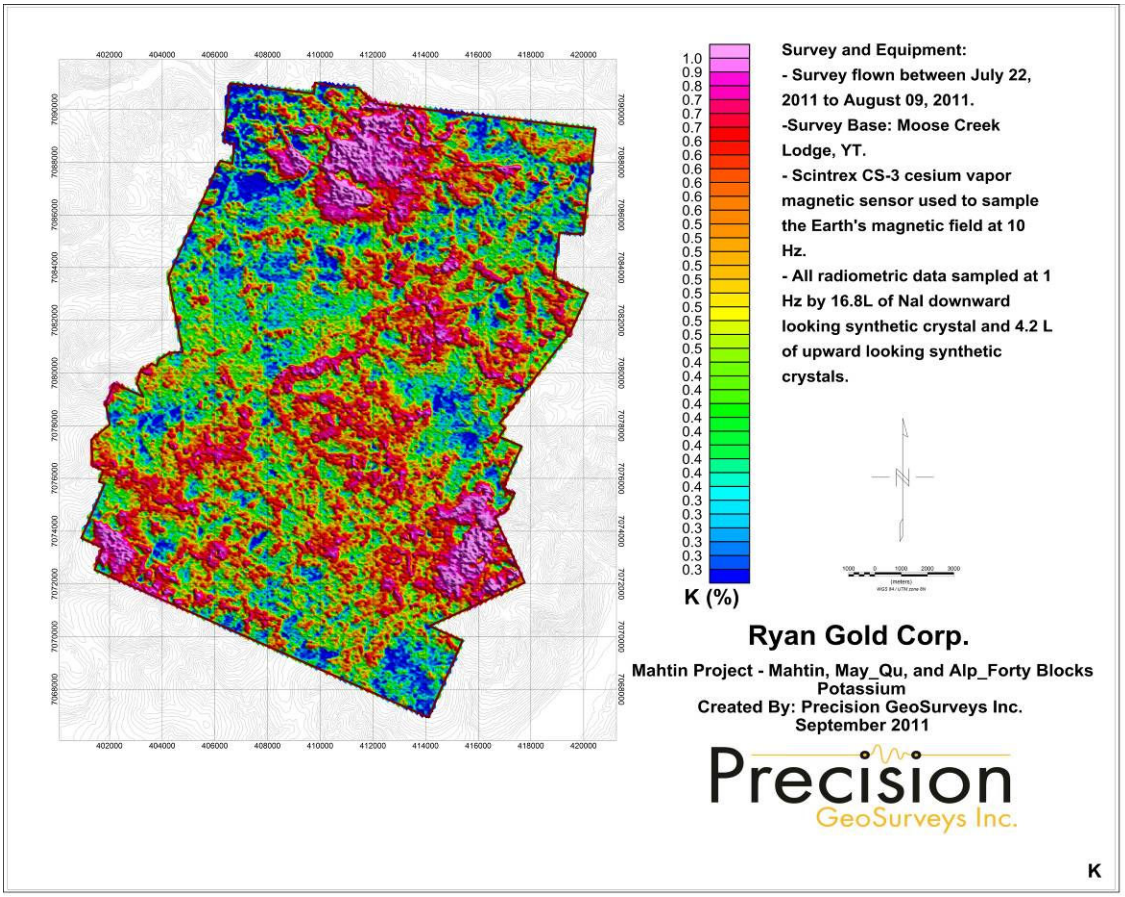
Map 1: Mahtin Project total magnetic intensity.



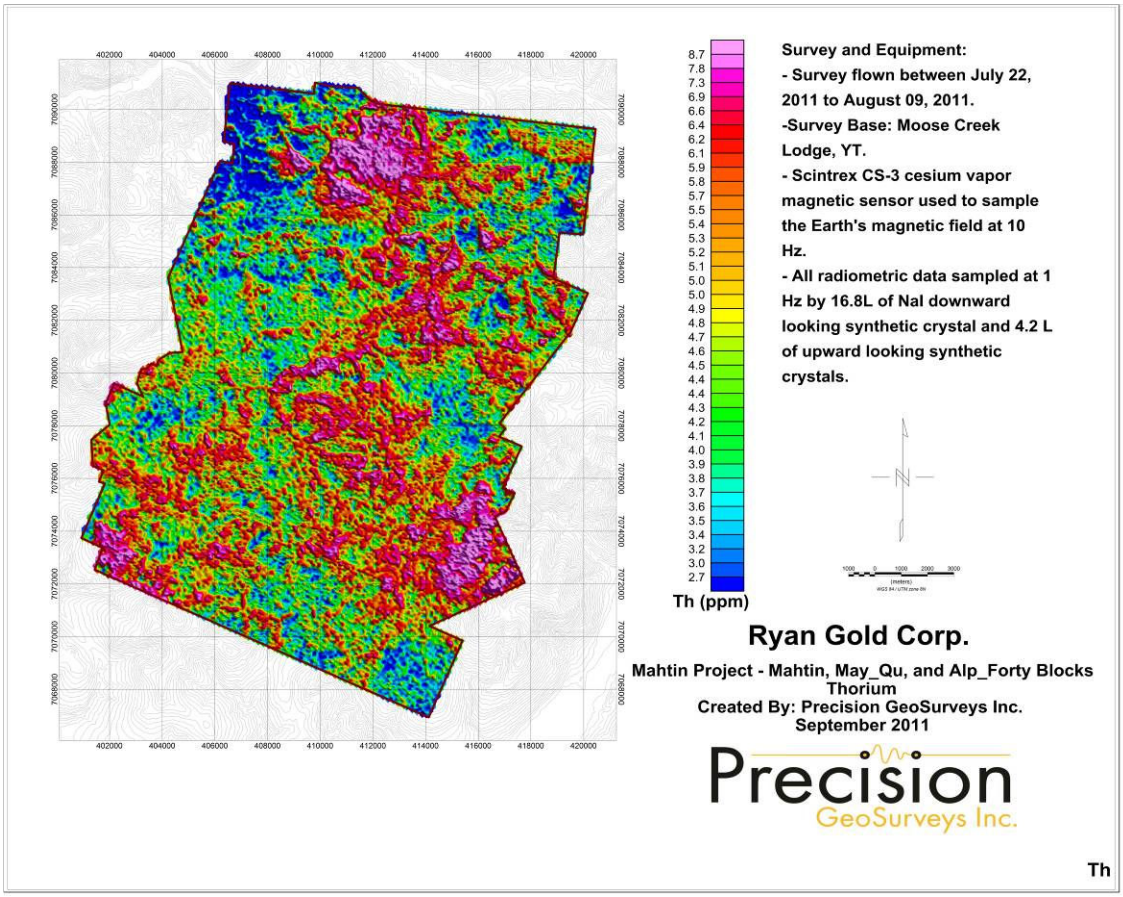
Map 2: Mahtin Project total magnetic intensity with plotted flight lines.



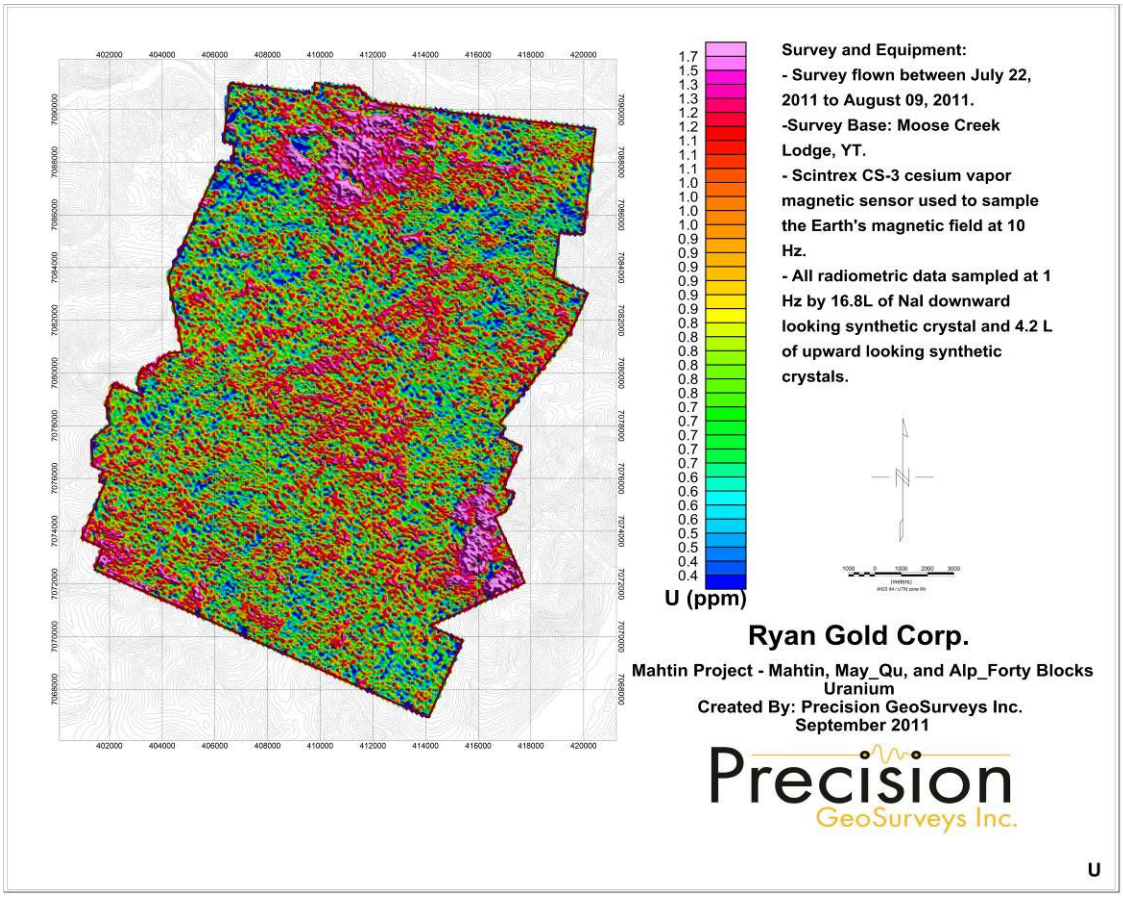
Map 3: Mahtin Project calculated vertical gradient.



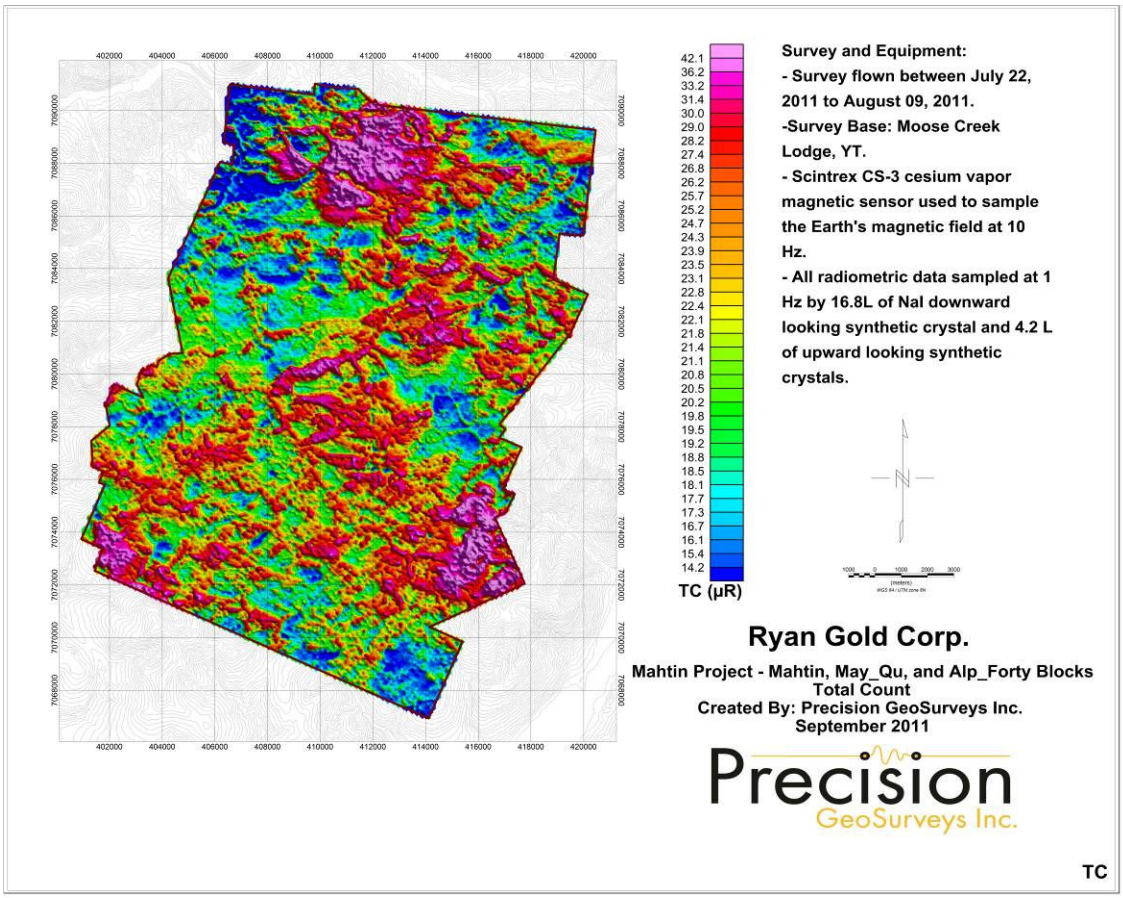
Map 4: Mahtin Project potassium.



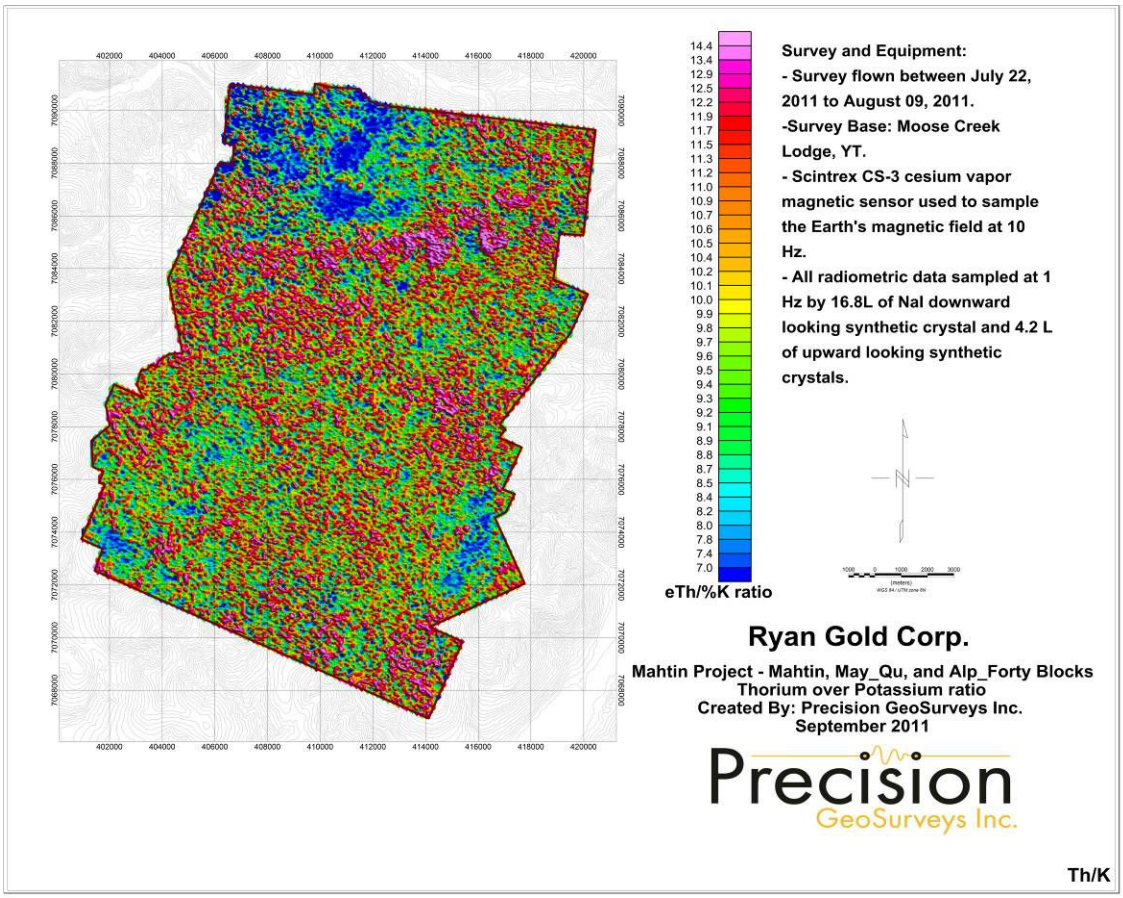
Map 5: Mahtin Project thorium.



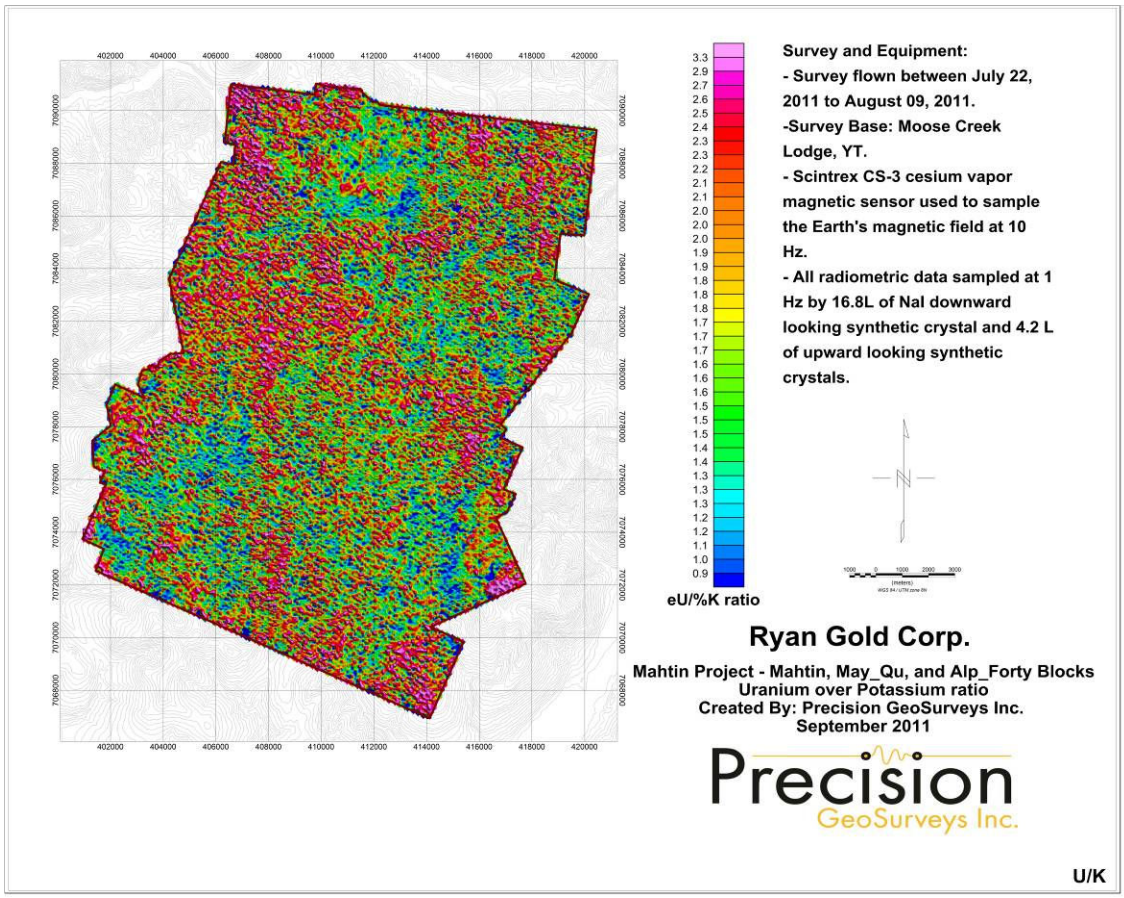
Map 6: Mahtin Project uranium.



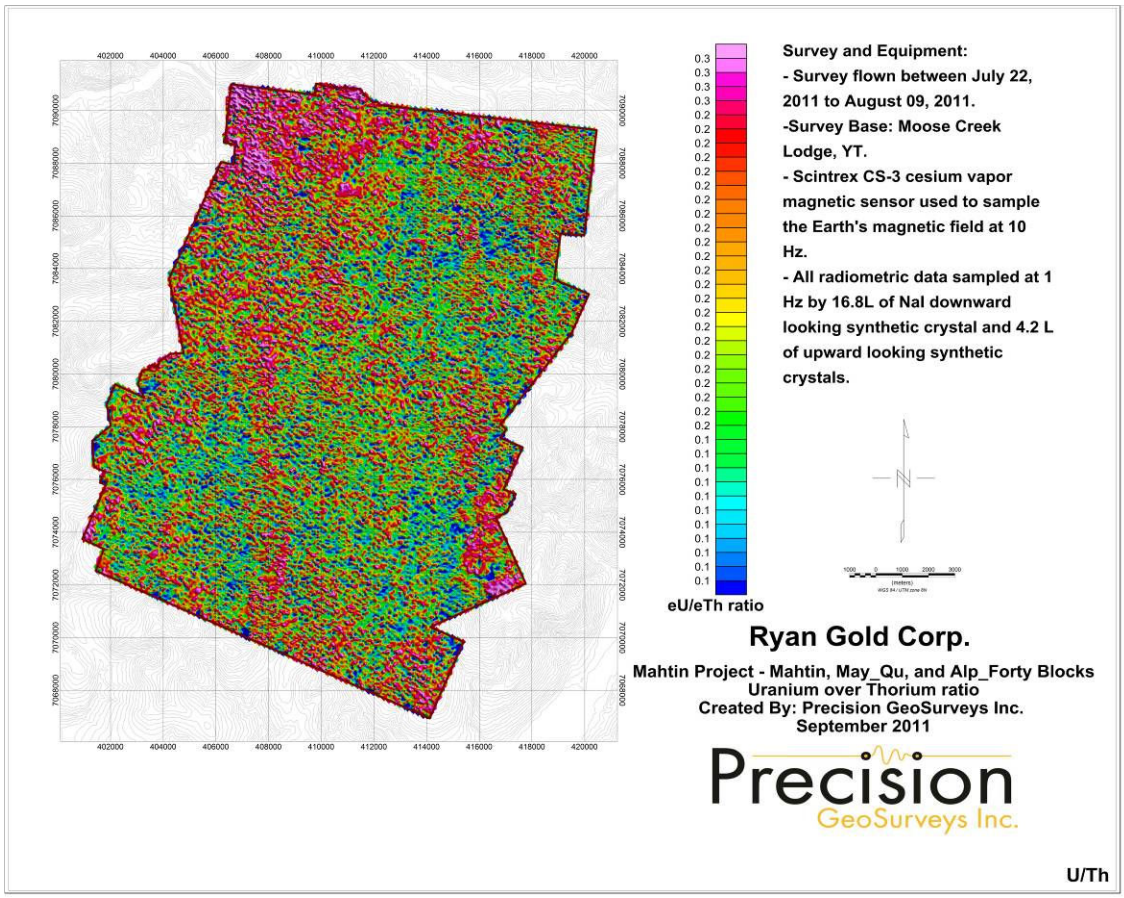
Map 7: Mahtin Project total count.



Map 8: Mahtin Project thorium over potassium ratio.



Map 9: Mahtin Project uranium over potassium ratio.



Map 10: Mahtin Project uranium over thorium ratio.

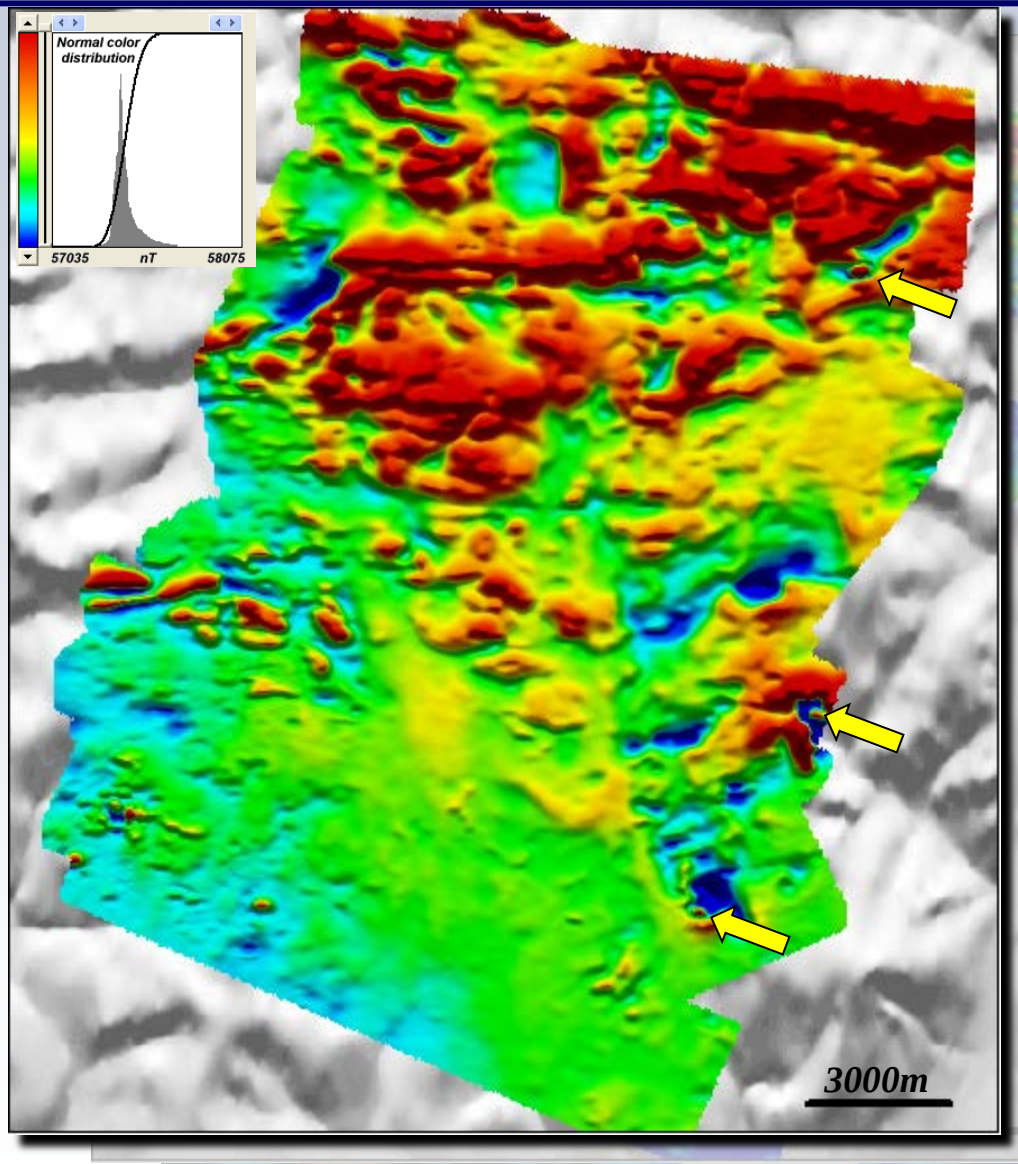
Overview of results

Reduced to pole magnetics

The amplitudes of the magnetic anomalies in the survey area are mostly less than 500 nT, the frequency and intensity of the anomalies generally decrease towards the south-west

The magnetic anomalies with higher amplitudes (about 600 to 1000nT) are shown with yellow arrows

These anomalies have a remanent component and probably represent skarns – the amplitudes suggest the skarns to be pyrrhotite rather than magnetite rich (magnetite skarns are often thousands of nT's)



Overview of results

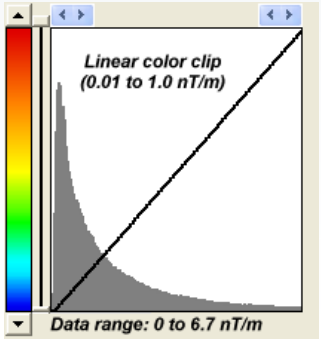
3D Analytic signal

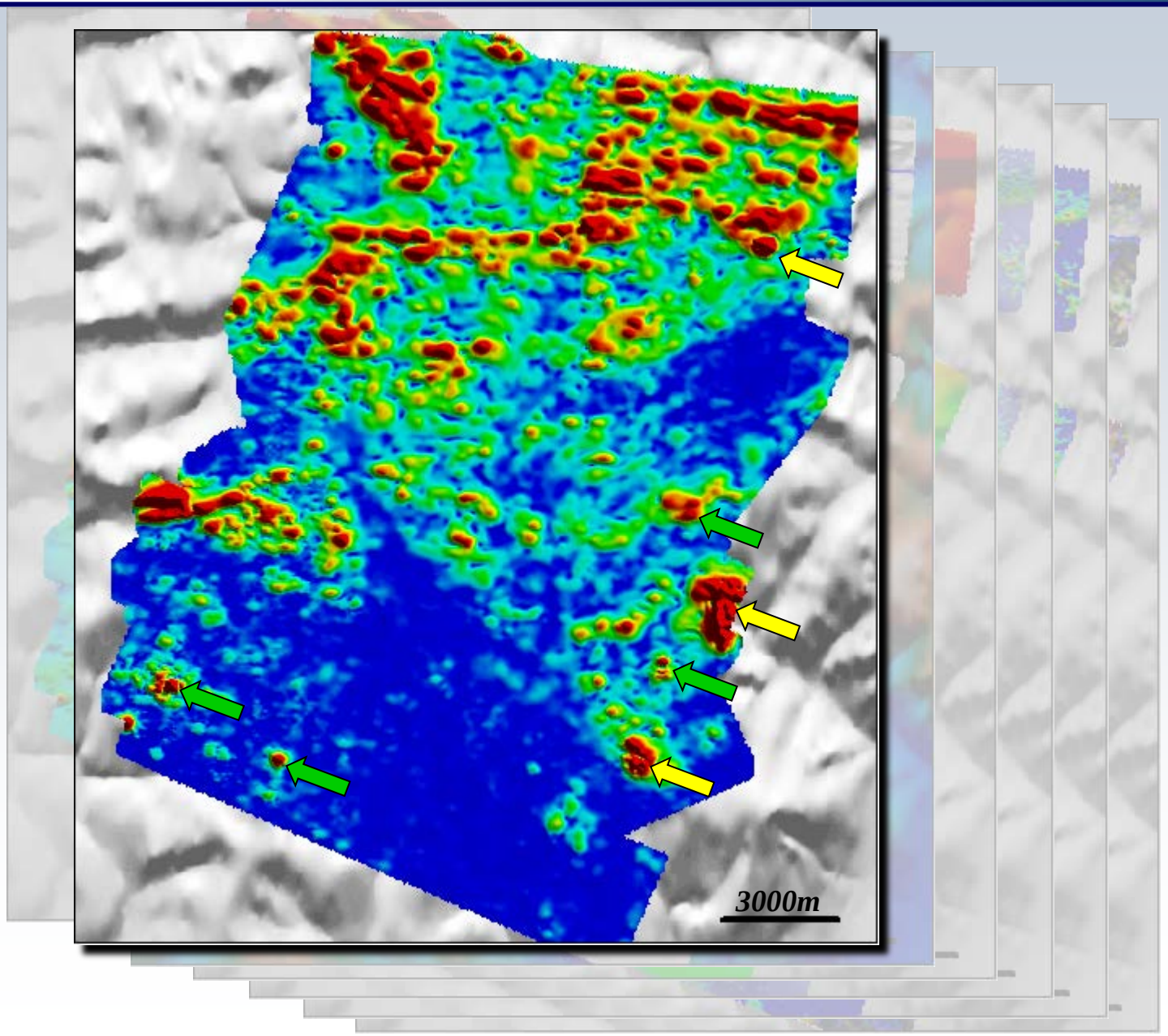
This product is used to map the limits of magnetic bodies

The interpreted skarns mentioned in the previous slide (yellow arrows) are easily seen in this image

The green arrows show other potential candidates for skarns (only the most likely ones are shown)

These second tier skarn anomalies were picked based on the analytic signal result and the localized magnetic character of the anomalies





Overview of results

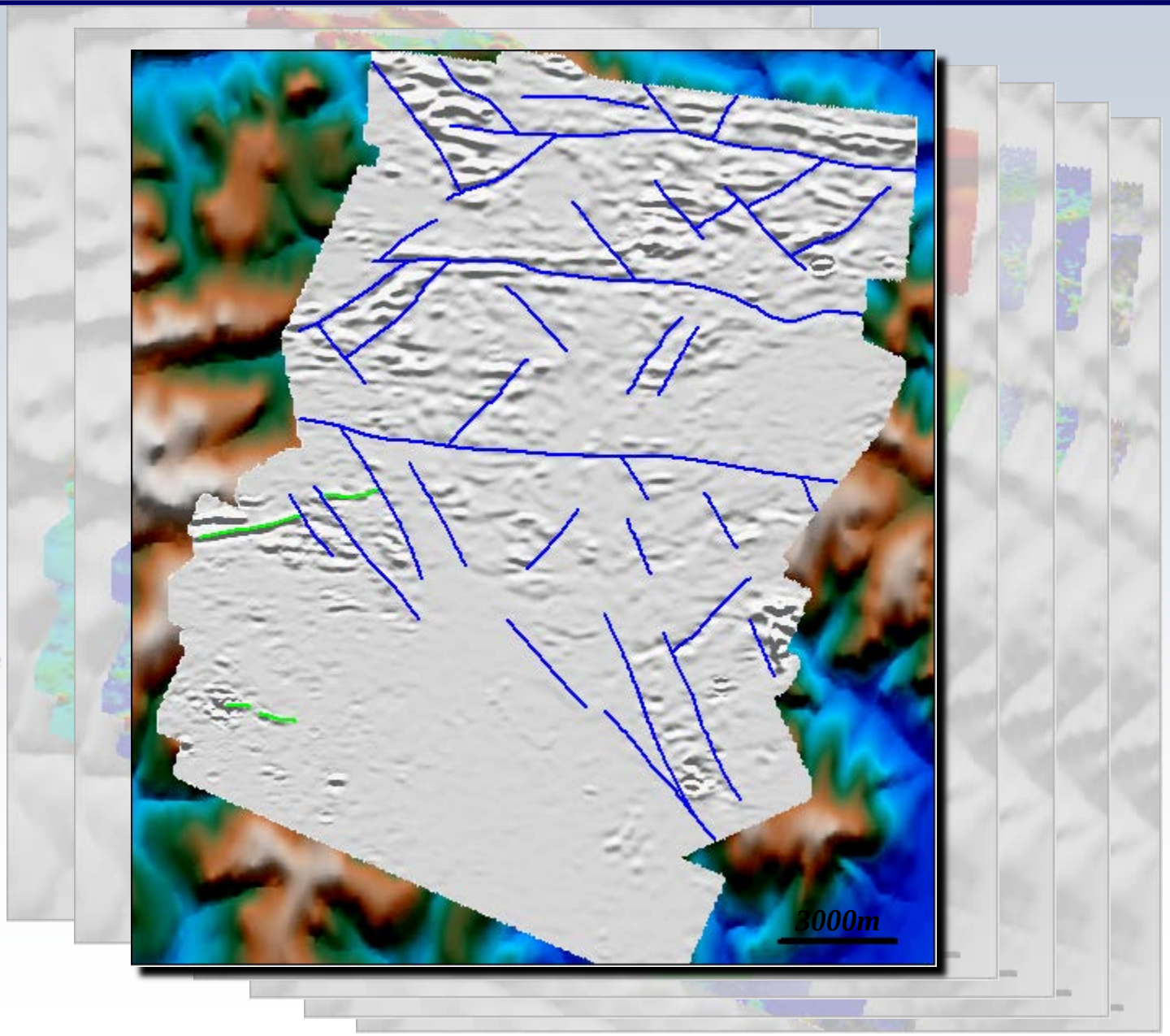
Grey scale 1st vertical derivative magnetics

The blue lines are interpreted faults, green lines are interpreted dikes

The robust east-west faults are strike extensive and probably were active most recent of all the faults – they also (roughly) form the limits of magnetic domains (defined as a general magnetic character change) - are these regional thrust faults?

The NW striking fault direction is prominent in the survey area, they are terminated often by the east-west faults

The NE striking faults are the most difficult to delineate, and probably are the oldest structural event



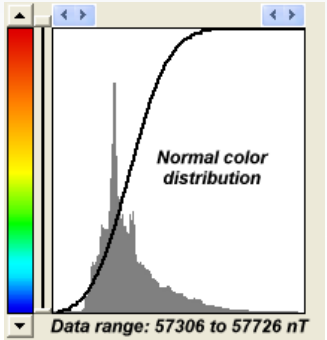
Overview of results

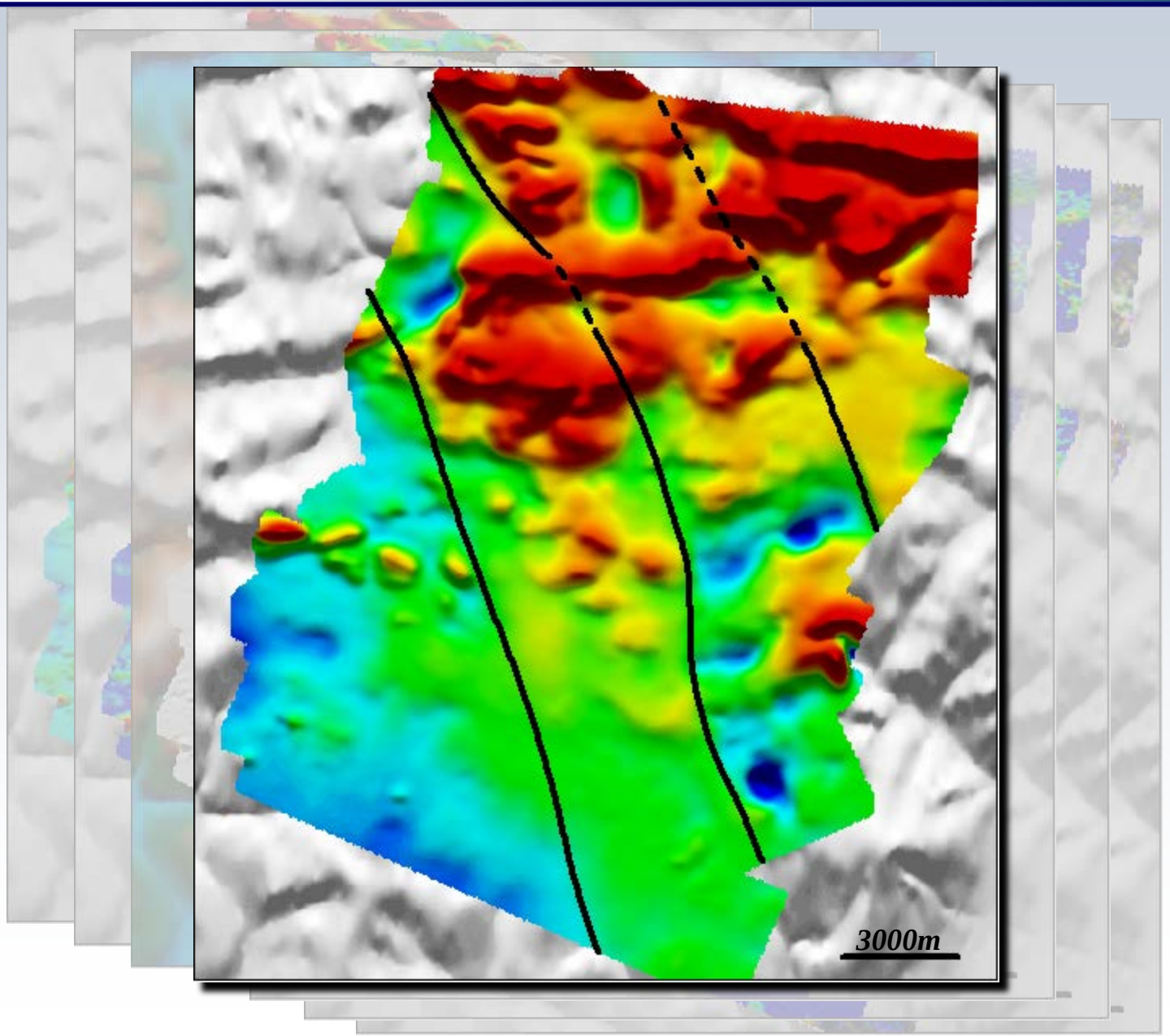
Reduced to pole magnetics upward continued 200 meters

It is hard not to notice and mention the NNW striking magnetic lineaments shown as black lines in the image

They are especially well-defined in the magnetically quiet areas in most of the magnetic products (visible as a shift in the background values), and look like magnetic basement features

A possible explanation could be that they represent graben/horst features





Overview of results

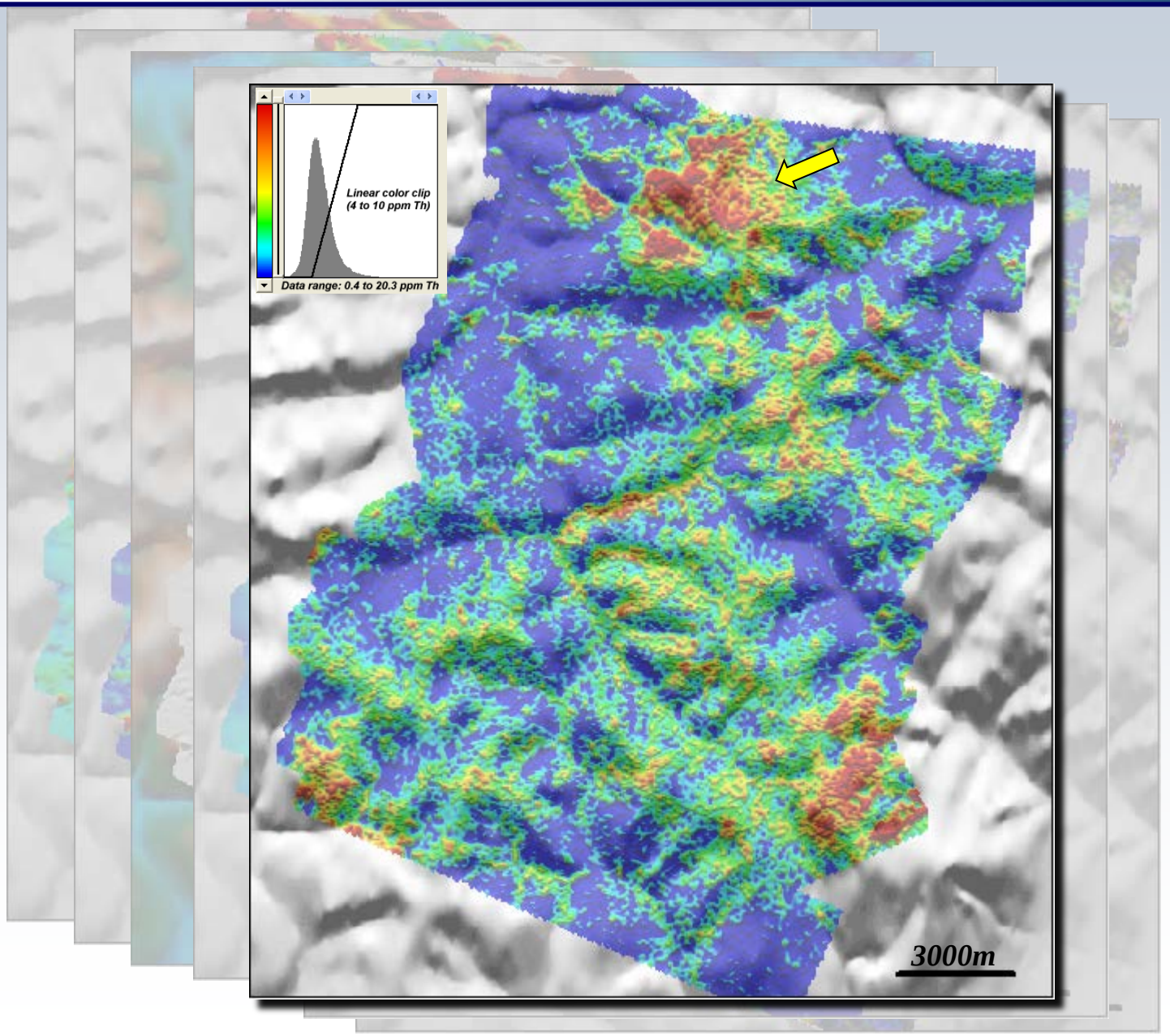
Thorium transparent on topography (linear color distribution)

Radiometric images are overlain on topography to ensure drainage anomalies are recognized

The radiometric data is quite robust with elevated radiometric counts delineating the intrusives

The dispersion of radioactive material down slope is seen in some cases (an example is shown by the arrow), thus making the accurate delineation of the intrusive contacts based on the radiometric signature only difficult

The thorium map shown contributed heavily towards the delineation of the intrusives (see slide 9)

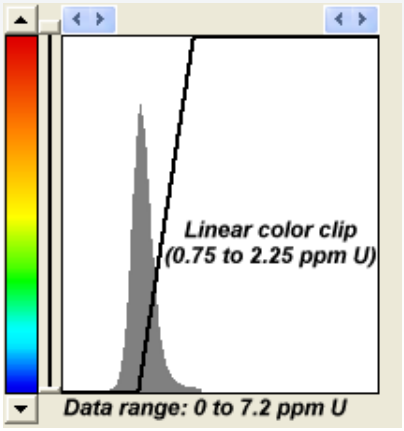


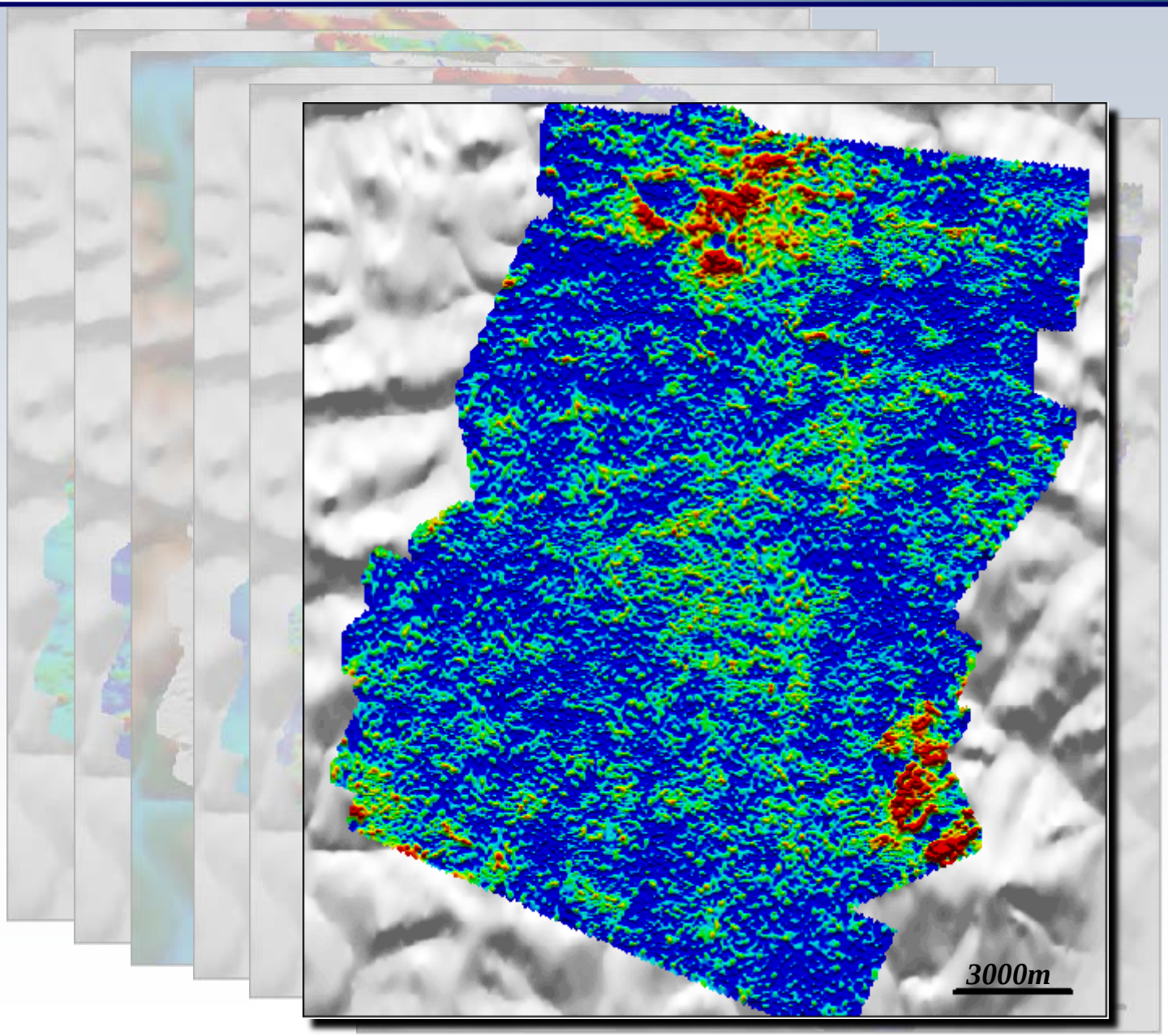
Overview of results

Uranium (linear color distribution)

The uranium anomalies are surprisingly well defined (uranium is easily oxidized to a water soluble form, leached and re-deposited, whereas thorium has no soluble ion), and do a good job of mapping the intrusives

In general all three radioactive elements are showing the same anomalies





Overview of results

Ternary diagram with potassium /thorium / uranium as red/green/blue

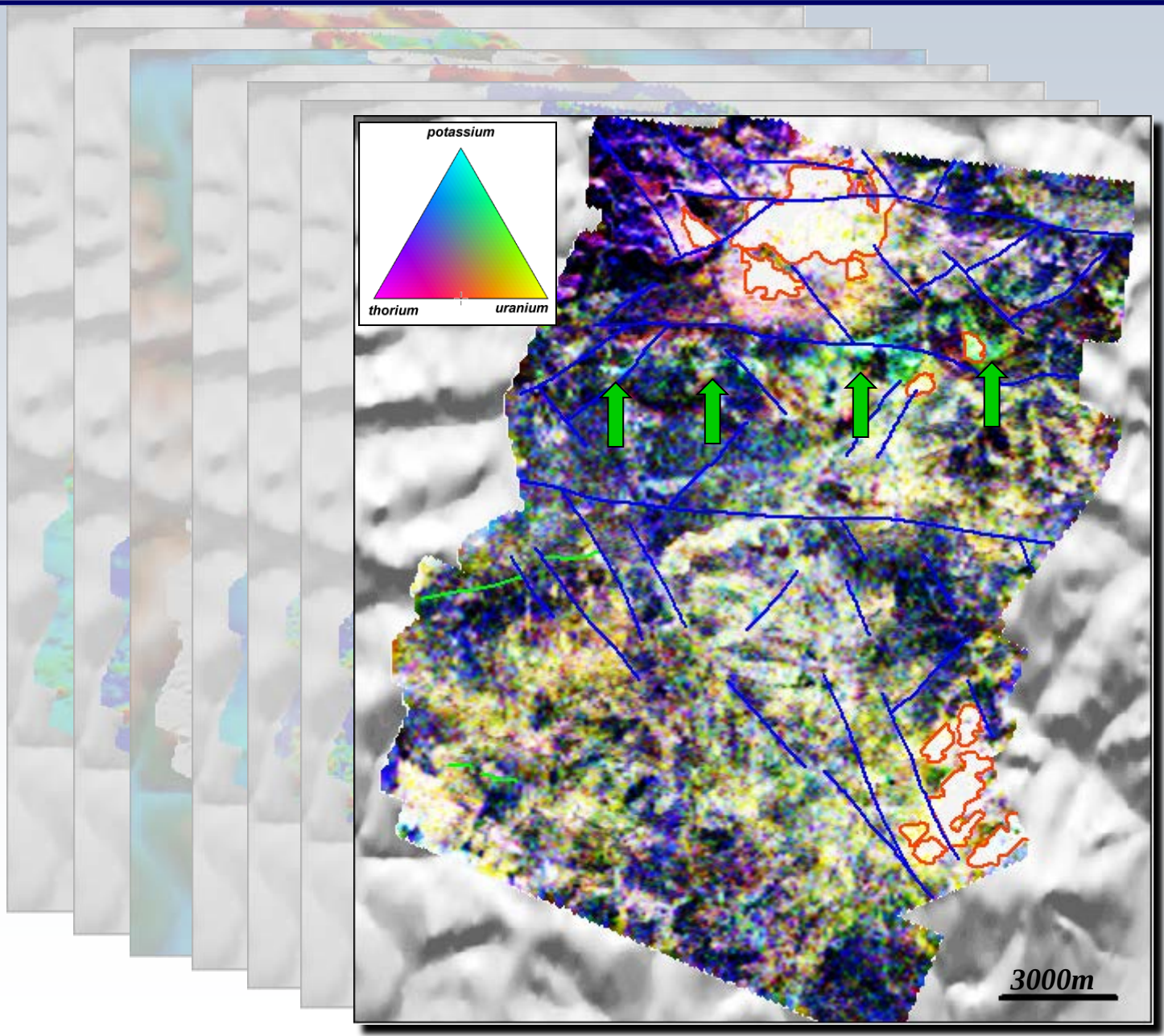
The larger intrusive bodies are elevated in all the radiometric channels and are outlined with the brown lines

Clear and consistent radiometric domain boundaries are not seen in the data

Of sufficient clarity to at least mention is the greenish tinted unit forming an elongated east-westerly striking anomaly near one of the east-striking faults (arrows)

It is located on the south flank of a valley, mostly associated with a subdued magnetic signature

Consistently elevated geochemistry values were not noted over the feature



Discussion and interpretation

Residual reduced to pole magnetics

The residual refers to a magnetic result with a plane removed from the dataset (in this case a first order polynomial)

3D models were calculated for the two areas shown in black blocks to help with the interpretation

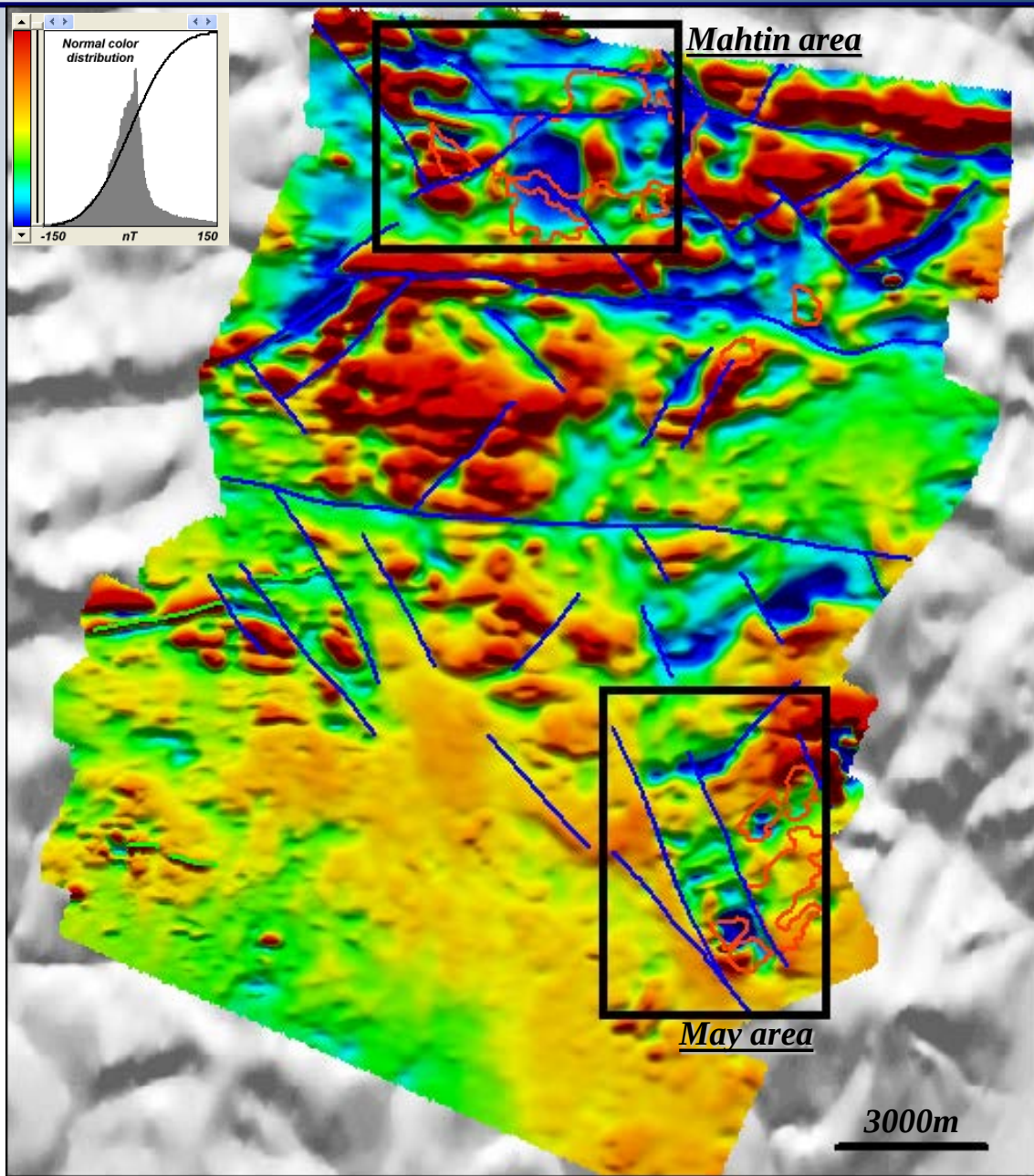
The models were done with Geosoft's Voxi Earth Modeling, a pre-released cloud service application run from Geosoft's Oasis Montaj software

In both cases models were generated in a mesh with 25 x 25 x 12.5 m cell sizes (X by Y by Z), parameters applicable to this dataset (100 meter line spacing with 35 meter sensor height)

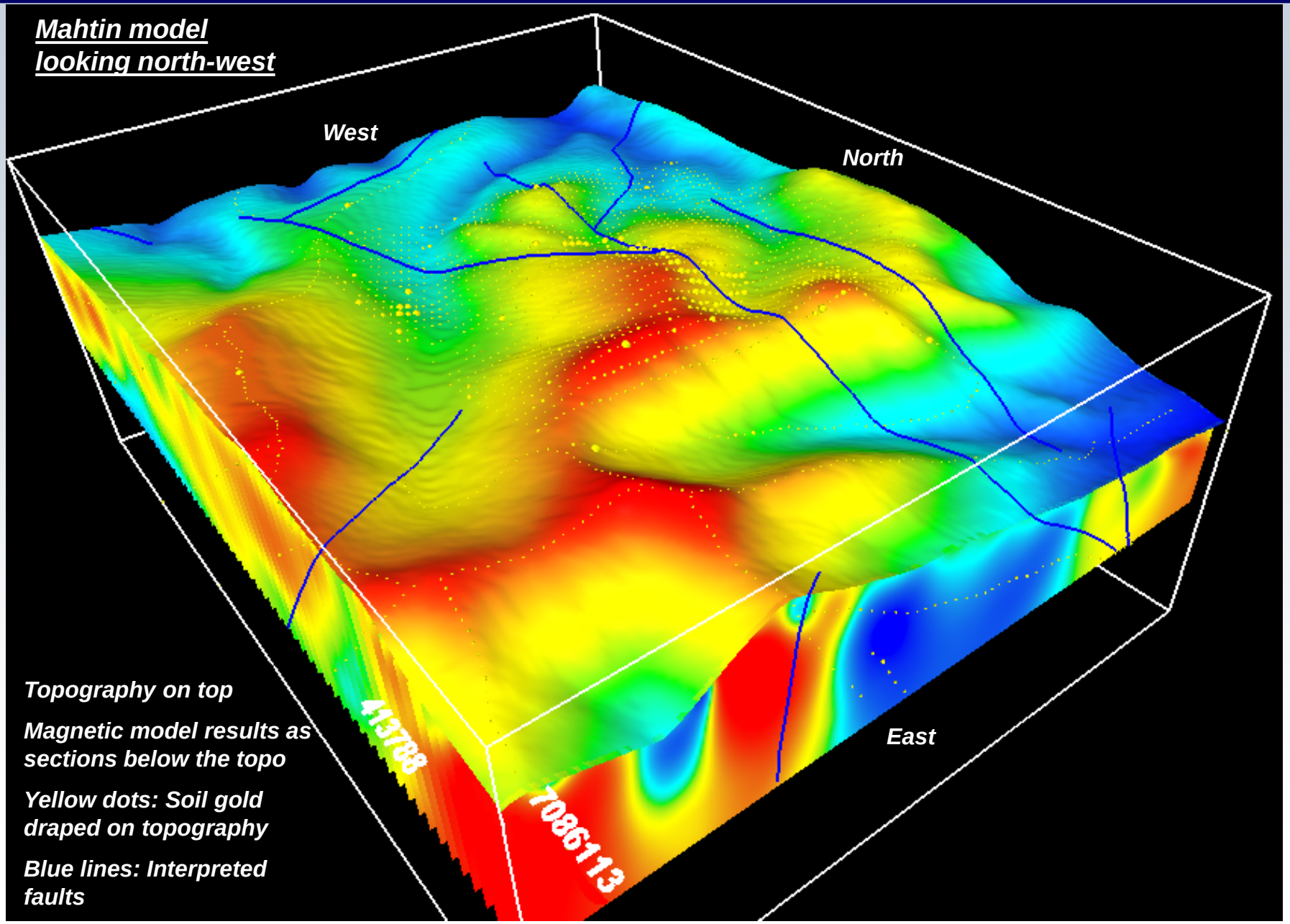
Sections were cut through the model at flight line spacings (100 meter), in the case of Mahtin proper the sections are cut in a north-south sense, and in the case of May the sections are cut in an east-west direction

Examples of the model results are shown in the next four slides

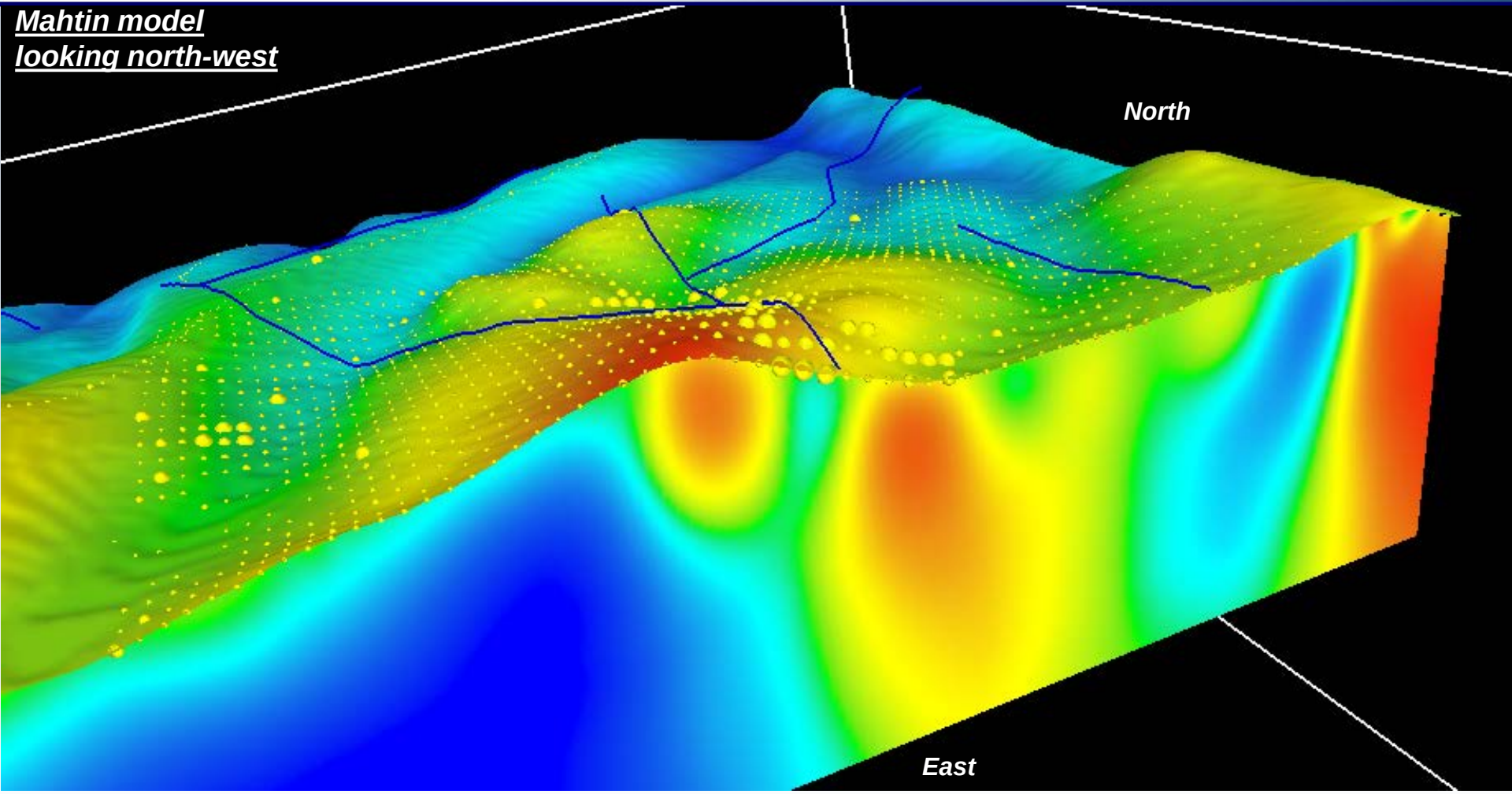
Information on viewing the models plus the software used to show them are given in the 'general data' section of this powerpoint



Discussion and interpretation



Discussion and interpretation



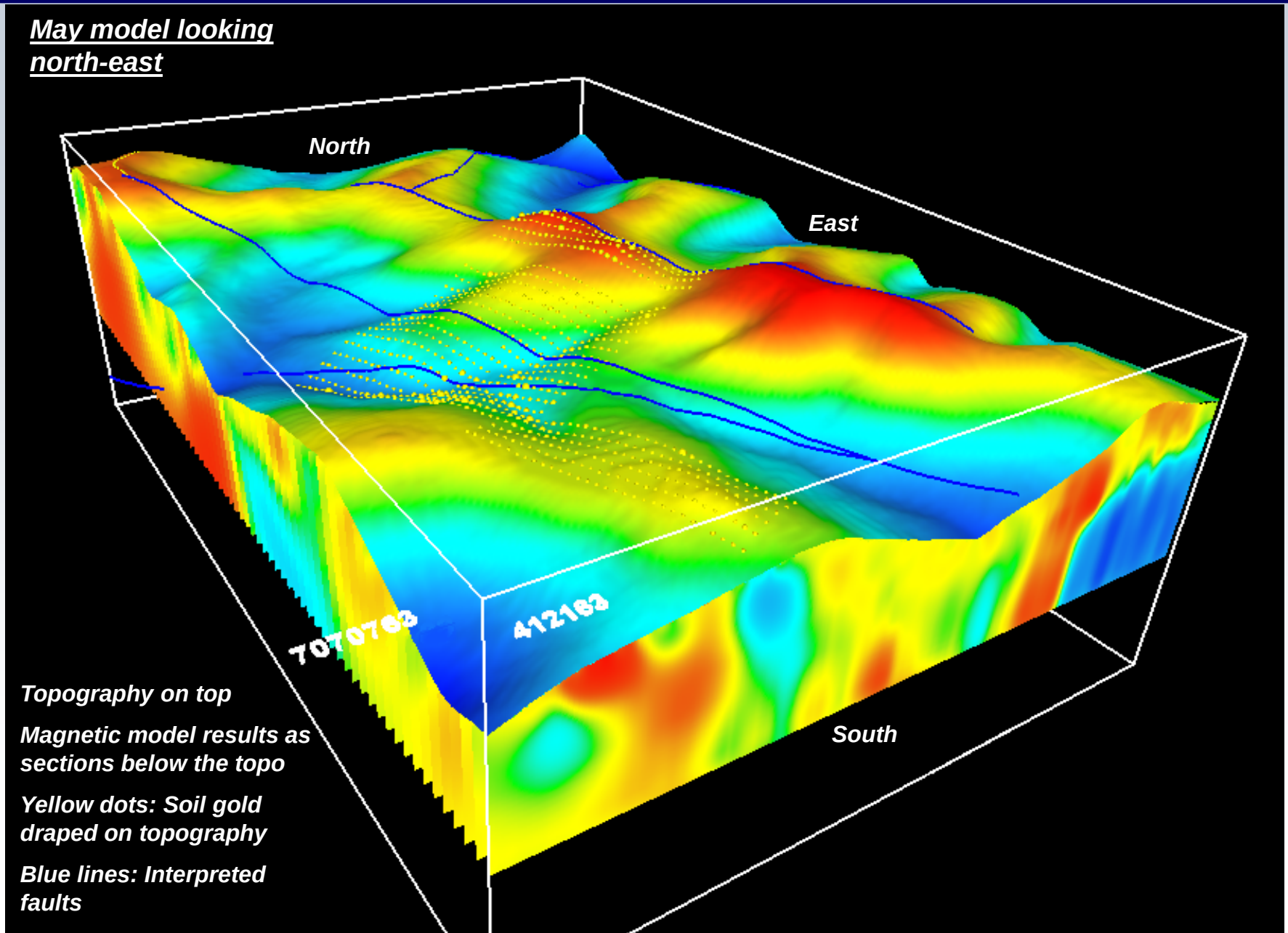
A north-south slice through the Mahtin magnetic model at 411500E

The soil geochemistry values are sized according to gold value, vertical extent of this section is about 1000 meter

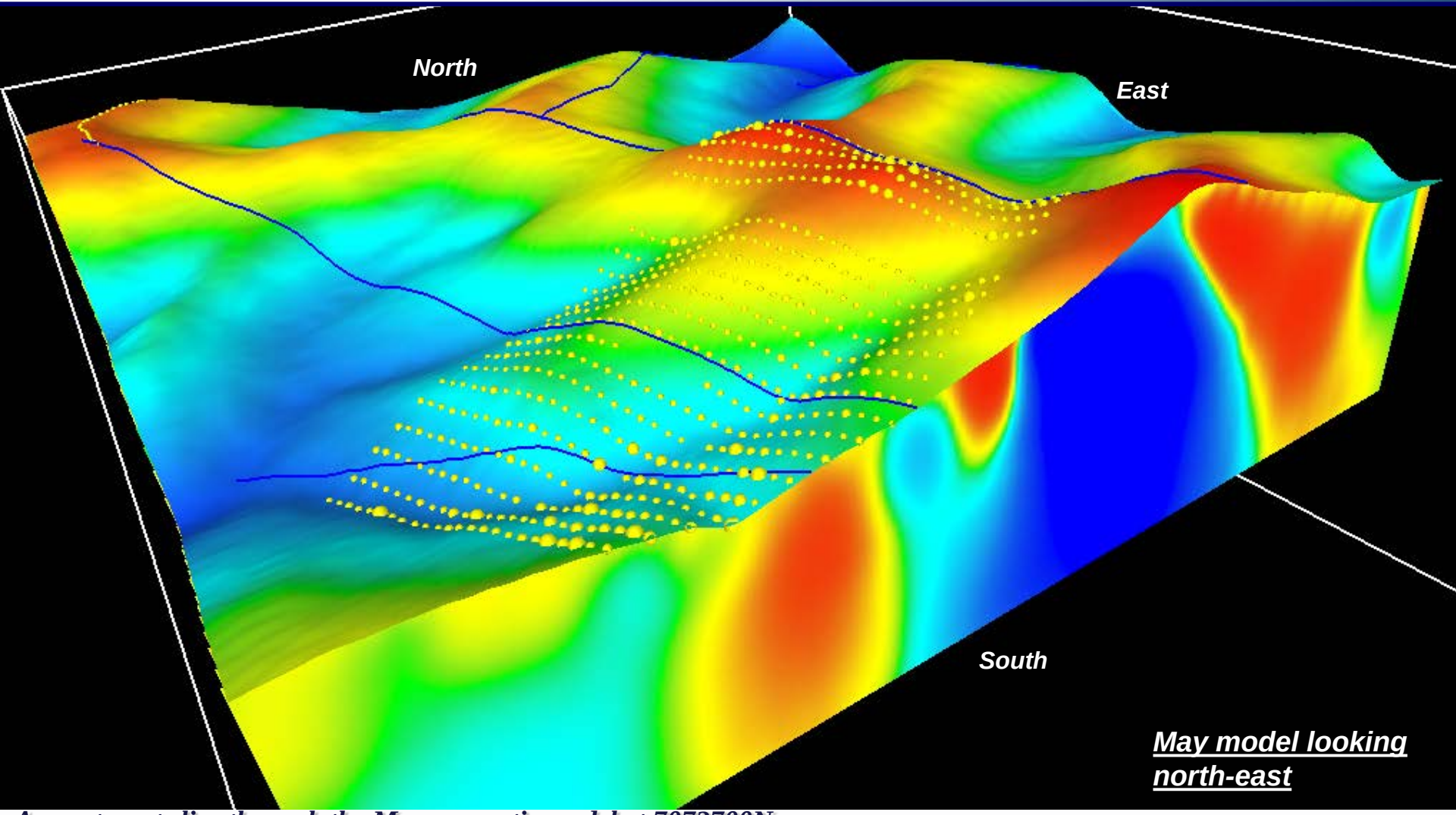
The fault position as interpreted from the line work falls in an area magnetite depletion

The change from blue to yellow from south to north, a major contact (in this section), the intrusive-sediment contact

Discussion and interpretation



Discussion and interpretation



May model looking north-east

An east-west slice through the May magnetic model at 7072700N

The soil geochemistry values are sized according to gold value, vertical extent of this section is about 800 meter

Walking through the models on a section by section basis is important in order to validate the results based on the current understanding of the regional geology

Discussion and interpretation

Reduced to pole magnetics with geochemistry sample positions

The five areas shown in the image are interpreted to be potential exploration targets

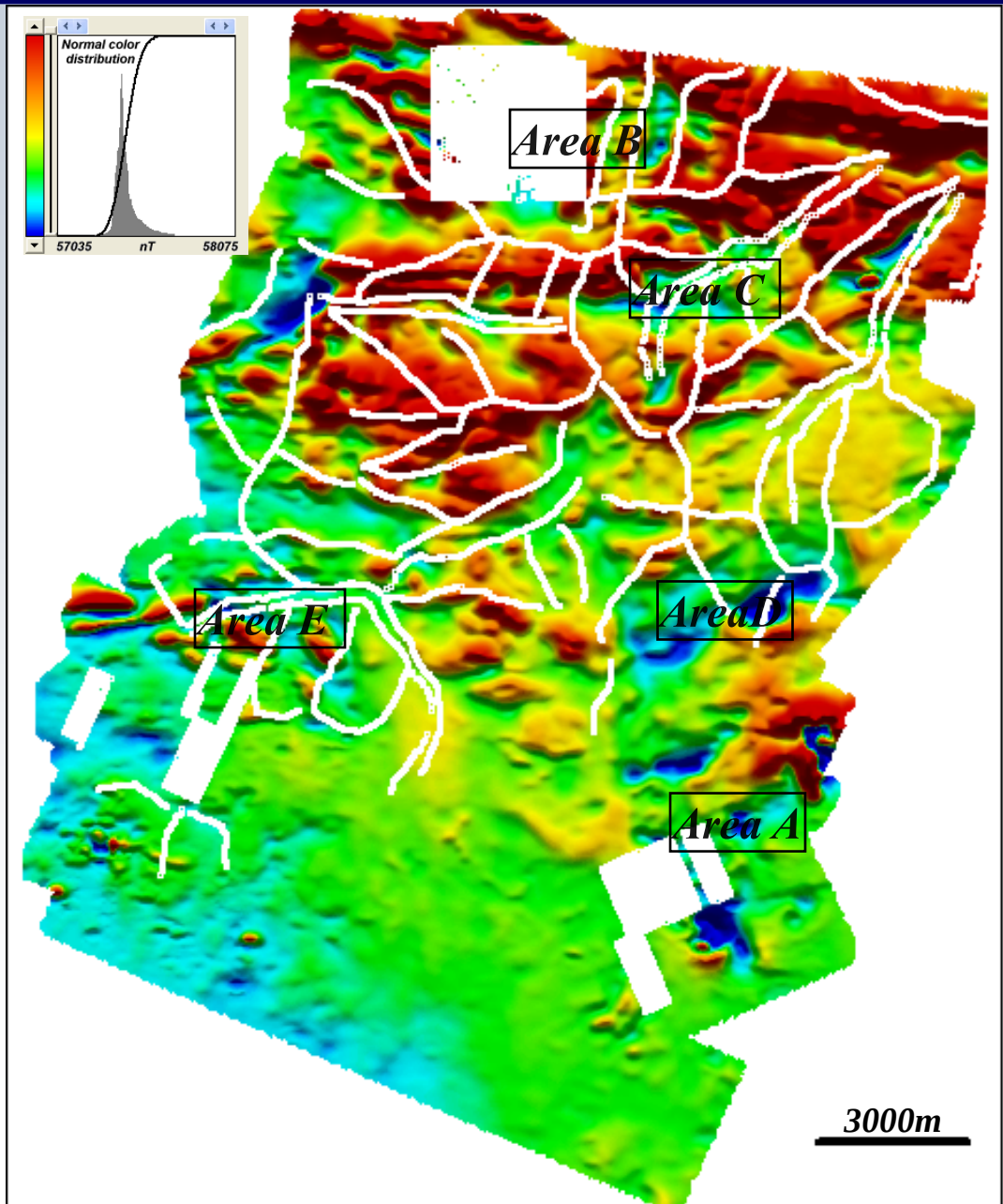
The target areas are discussed in some detail in the following slides, and after that some local anomalies are pointed out that are interesting enough to comment upon

The target areas are named according to my personal preference with regards to importance, with 'A' higher priority than 'E'

As far as the priority rating goes, Area A looks to be the most interesting target by far

Areas C is only somewhat higher as Area D in my list of priorities

Area E has to be mentioned in the discussion of the interpretation because of the general character of the area (magnetically active in what is otherwise a quiet magnetic zone), it is however hard to pick out particular anomalies within the area that could be promising exploration targets, thus the low priority rating



Discussion and interpretation

Reduced to pole magnetics with copper geochemistry

Blue lines are interpreted faults, brown lines are interpreted intrusive contacts (from the radiometrics)

Anomalies a1 and a2 are mentioned in an earlier slide as potential skarn targets

Both have a magnetic remanent component and are located on the edges of a well-defined NW striking corridor, suggesting strong structural control

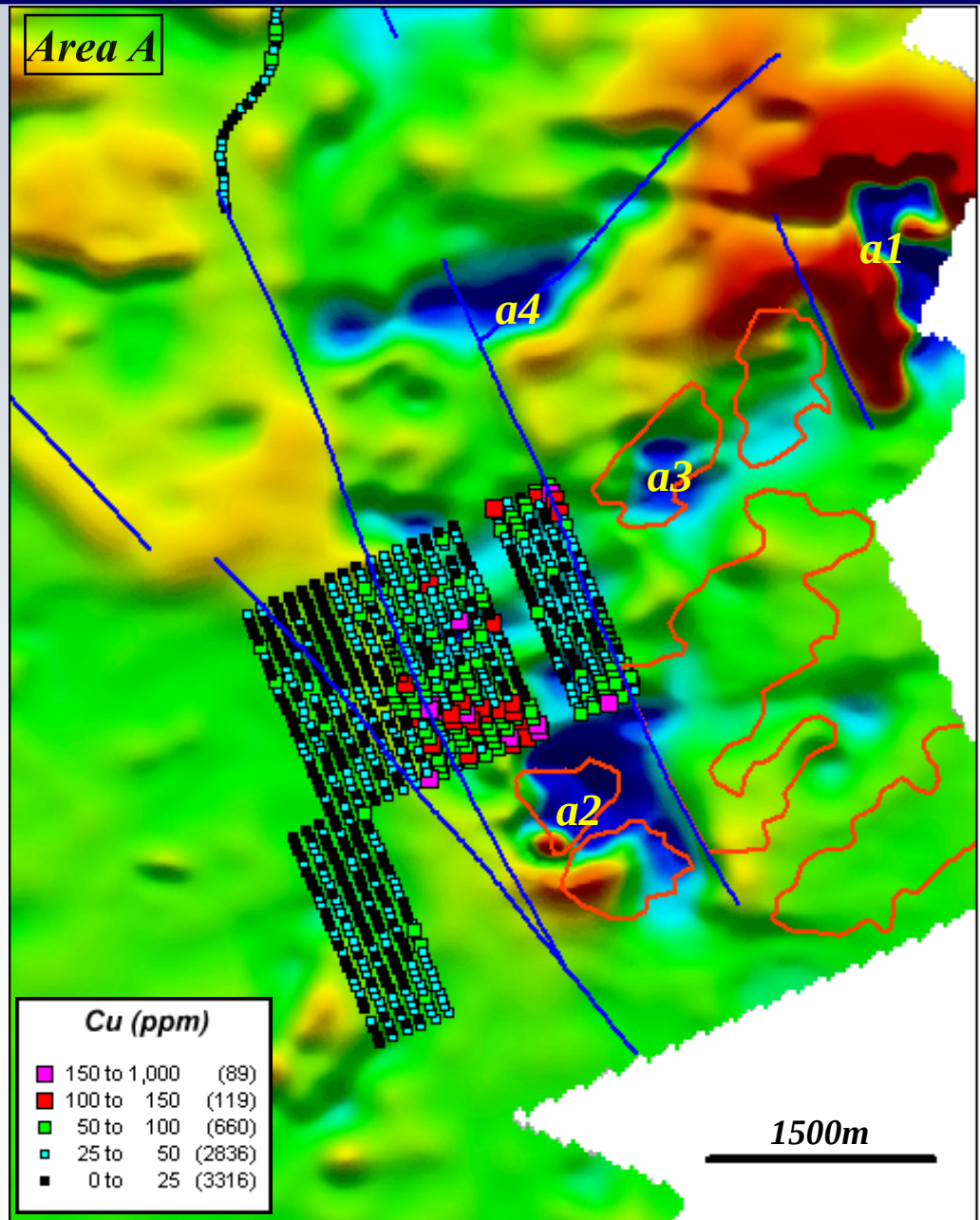
Anomaly a2 has robust radiometric anomalies associated, anomaly a1 not (due to its location in a topographic low?)

If the geology is plotted on this map, the two anomalies (a1 and a2) are located on the ends of a NS elongated intrusive, possibly in the pressure shadows of the intrusive (good traps for mineralization)

Anomalies a3 and a4 are lower amplitude magnetic anomalies, a3 is associated with a radiometric response, a4 is not

Regardless of what the true causative sources for these anomalies are, the area stretching from a2 through a3 to a4 is considered a good exploration target from a geophysical point of view

A couple of geochemistry lines across a4 should be enough to evaluate its potential

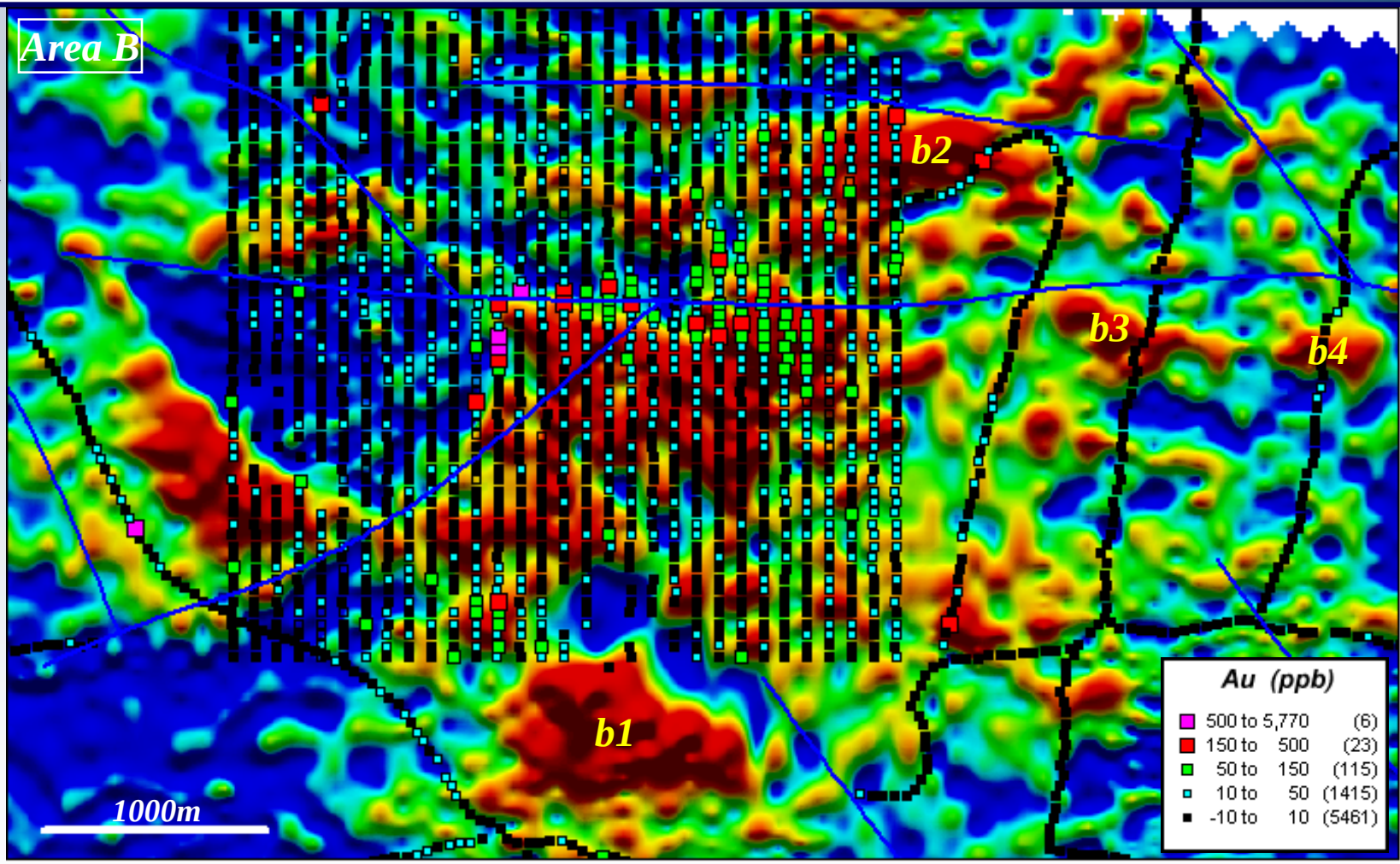


Discussion and interpretation

Uranium with gold geochemistry

The highest gold values are associated with the limits of the uranium anomaly (and the magnetic low associated with the intrusive)

The interpreted faults certainly looks as if they played a role in the location of the gold anomaly



Anomalies b1 and b2 are radiometric and magnetic anomalies associated with the intrusive, it looks reasonable that the soil grid is extended to cover these two areas

Anomalies b3 and b4 are less defined in the radiometrics, the magnetics show a disruption of the generally magnetic patterns, their location near the east west striking fault (as a potential feeder) make them interesting enough to consider some follow up work

Discussion and interpretation

Reduced to pole magnetics with copper geochemistry

The area C anomaly refers to the magnetic low feature outlined by the purple line

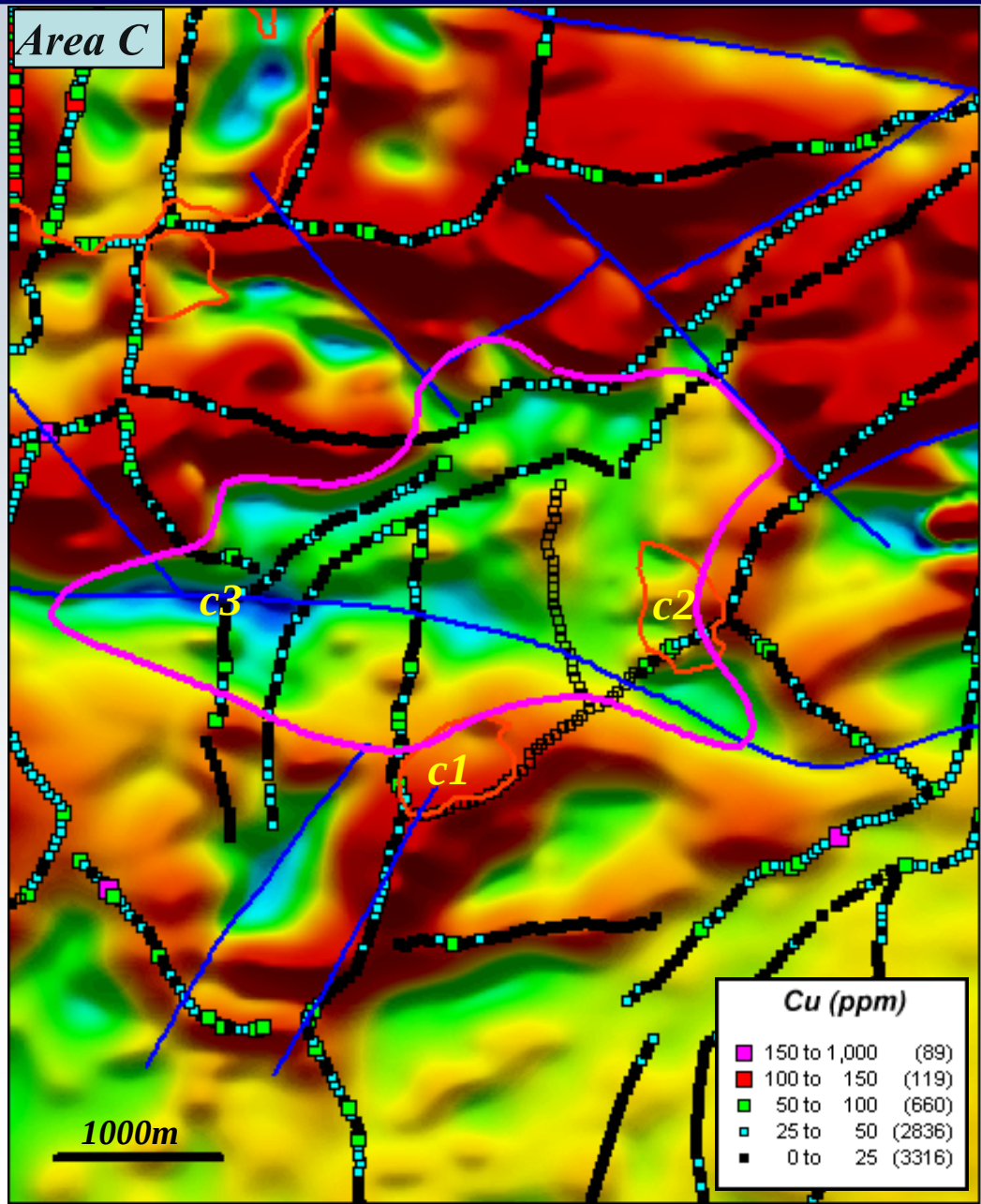
The magnetics show somewhat similar characteristics than that covering anomalies b3 and b4 in the previous slide, i.e. low magnetic amplitudes in a magnetically elevated area

The area covers a broad zone of intersecting EW, NW and NE striking interpreted faults

There are localized elevated radiometric responses on the limits of the area outlined, these are probably good starting points (anomalies c1 to c3) to evaluate the exploration potential of this area

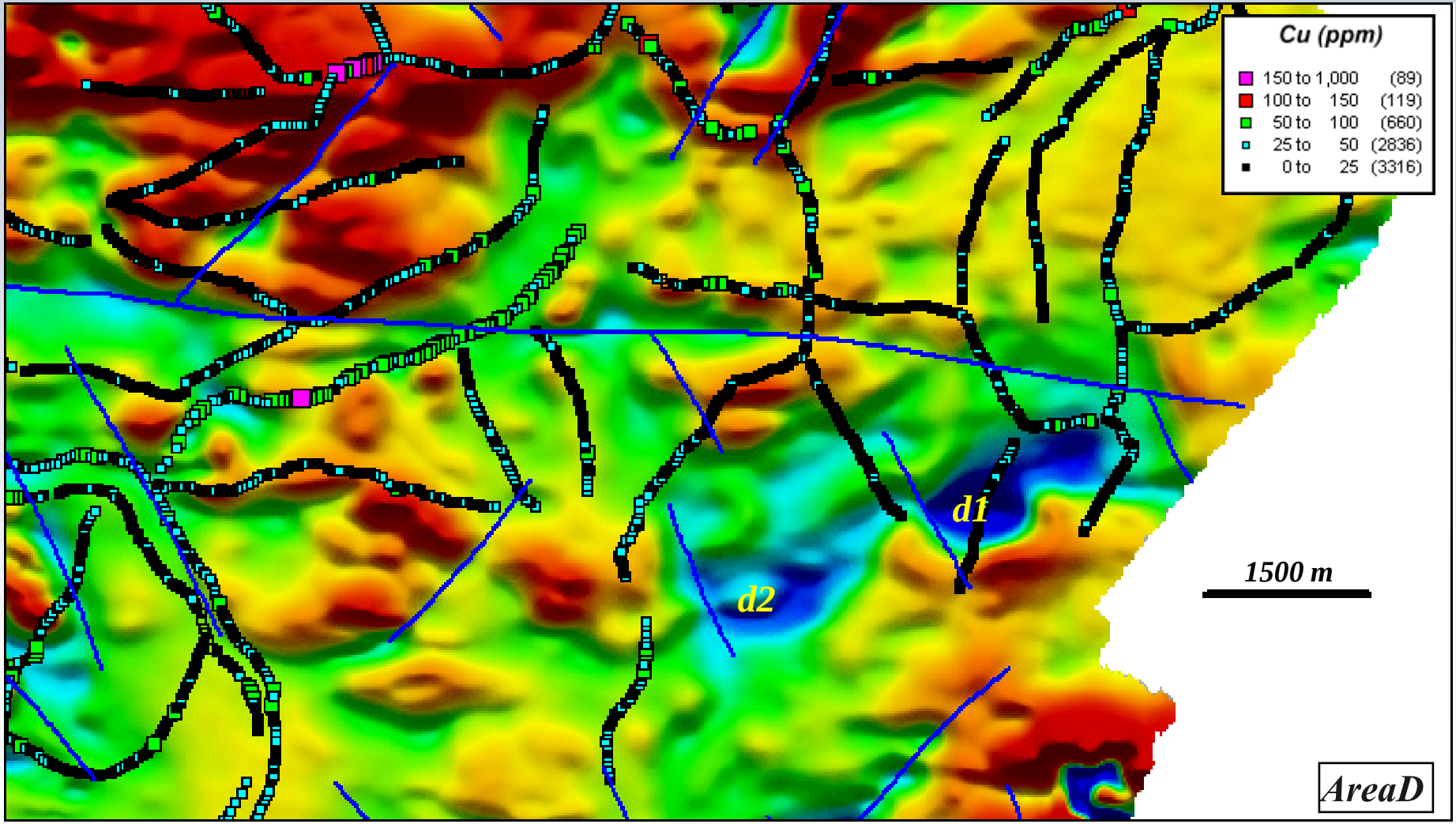
Anomalies c1 and c2 are elevated in thorium and potassium, not so much uranium, anomaly c3 is elevated in all three radiometric elements, but located within a valley (not in situ?)

The presence of an interpreted east-west striking fault is used to enhance the potential of this anomaly, the structural setting as interpreted is reminiscent of the Mahtin proper area (Area B)



Discussion and interpretation

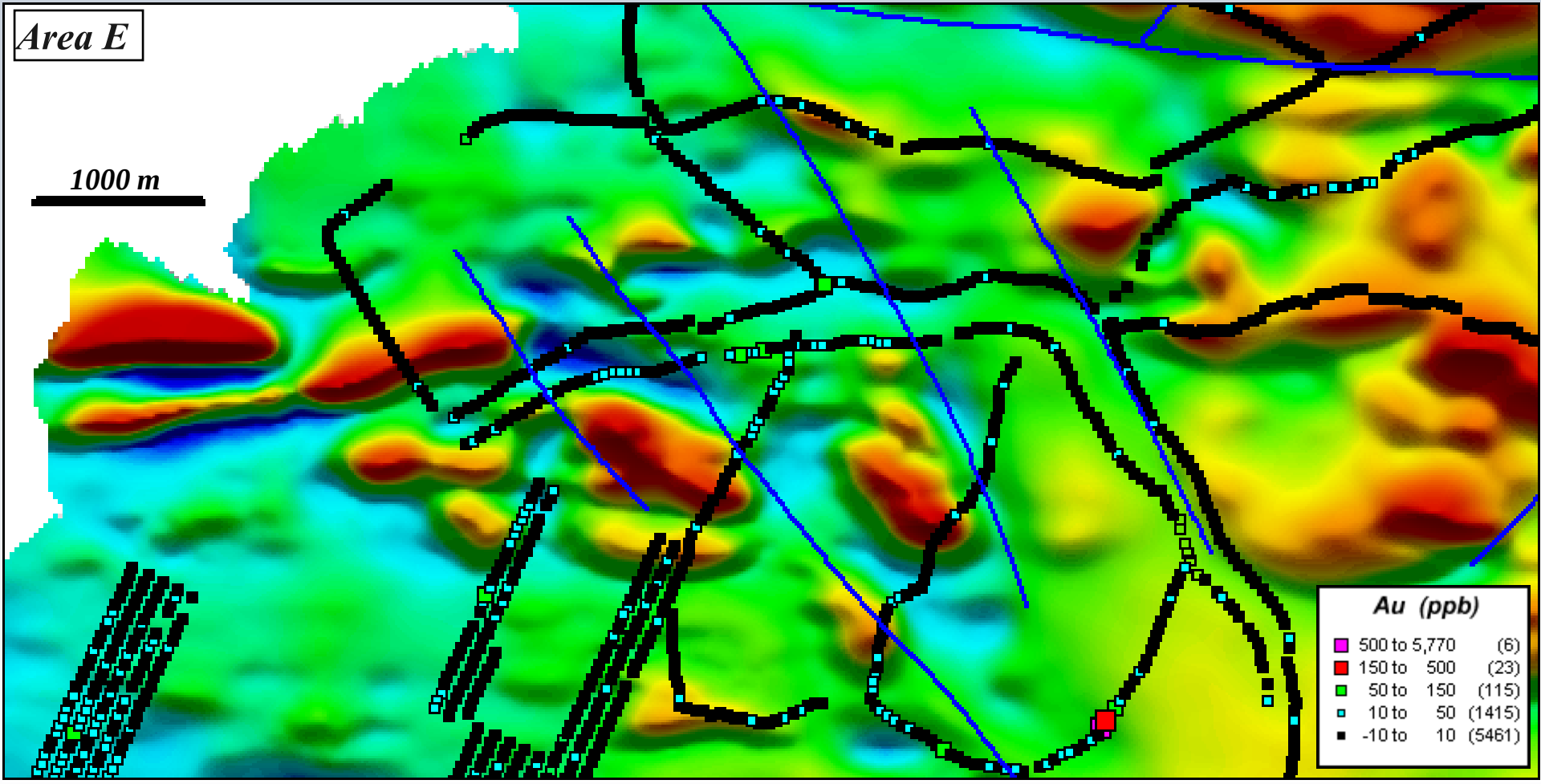
Reduced to pole magnetics with copper geochemistry



Area D refers to the magnetic low anomalies (d1 and d2) that are located within the NW striking magnetic corridor mentioned while discussing Area A. The radiometric responses in Area D are less robust than elsewhere, still, somewhat elevated in the case of anomalies d1 and d2. At least worth a field visit.

Discussion and interpretation

Reduced to pole magnetics with gold geochemistry



Area E is a magnetically active area with dike like magnetic responses. Structurally the dominant directions are NW and east-west, the gold geochemistry is for the most part quite subdued. The radiometric signatures are subdued as well, suggesting if there are any intrusives hiding in this area, that they probably are well covered with transported material. Hard to make a call on where best to go in order to evaluate the potential of the area.

Discussion and interpretation

Reduced to pole magnetics

Other anomalous features in the survey area are marked with o1 to o4

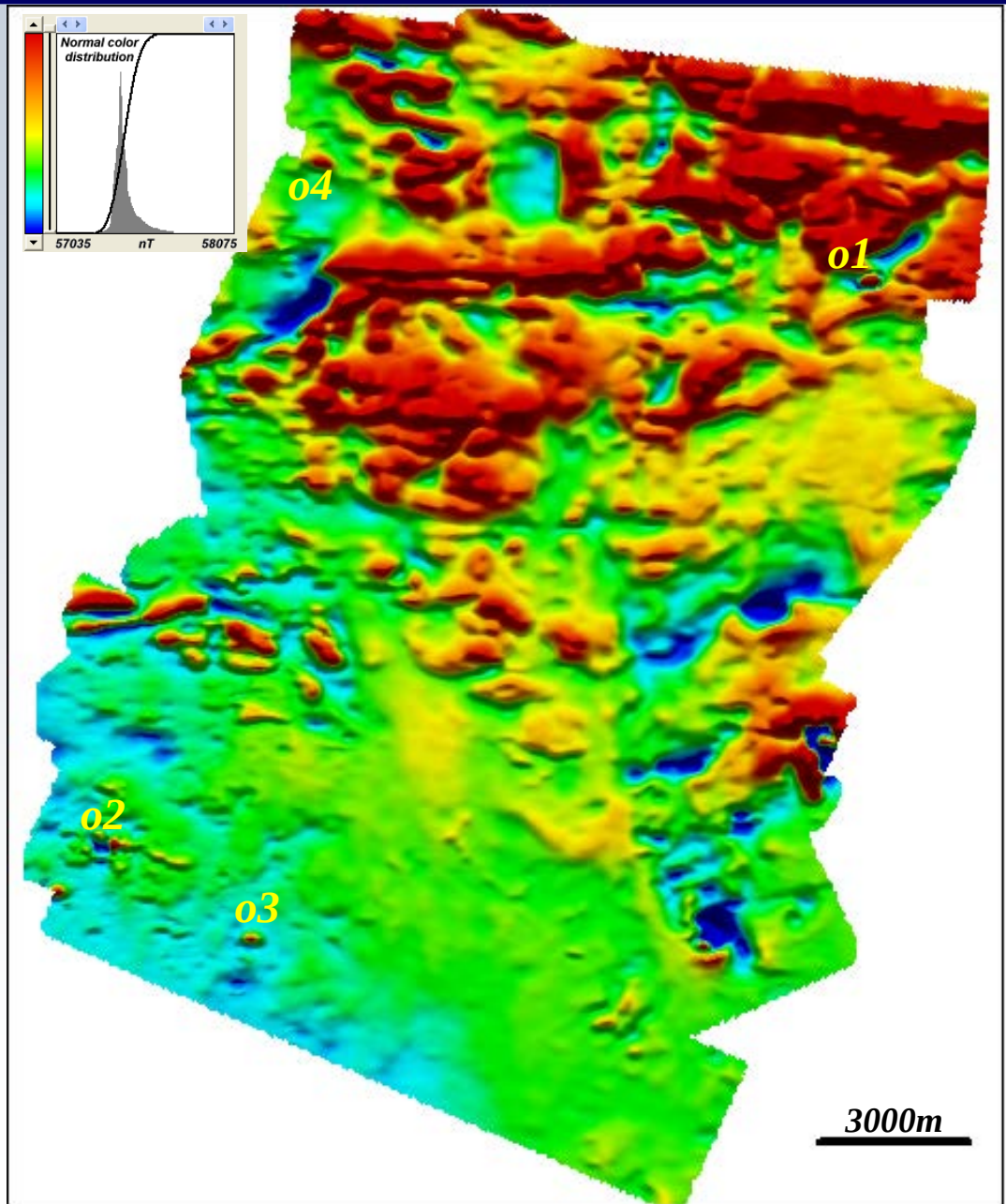
Anomaly o1 represents one of the possible skarn targets that were mentioned in slide 3 and is seen as the most important one of the four anomalies shown here

Anomalies o2 and o3 are small, located on high ground but not covered by any geochemistry and are visible only due to the low magnetic background response in the area

Anomaly o3 is also small and located in valley

None of these anomalies have clearly defined radiometric responses associated

Field visits to these locations should be considered



Observations and recommendations

Observations

The airborne data as provided and the grids that were generated by Precision Geophysics Inc. are good quality products that needed no further processing in order to generate respectable looking results. The 100m survey line spacing, north-side line direction and low sensor height provided a high resolution, high quality dataset that is applicable for project scale interpretation and targeting.

Using a linear color distribution for the magnetic results did not change the overall look of the magnetic maps much and a normal color distribution was therefore used in order to enhance the more subtle magnetic features.

The 3D magnetic modeling appears to provide robust and believable results. Notwithstanding the comment, magnetic modeling results are not unique solutions and other solutions may be equally valid. If the geologists familiar with the project geology are in general agreement with regards to what the magnetic models represent , the models should be quite helpful when deciding on drill hole locations.

The Euler analysis results produced (included in the interpretation results but not shown), were not particularly useful during the interpretation process.

Magnetics

The reason for the general change in magnetic intensity from north to south-west are not known (by me) but an understanding of the regional geology will most probably provide a definite answer, which in turn, may be useful information to consider while evaluating the regional exploration potential.

A fair amount of time was spent on the structural interpretation, the result in the end being less than satisfactory. The main reason for my discontent is the absence of direct relationships between elevated geochemistry values with interpreted fault positions and/or directions (with the possible exception of the Mahtin proper area, where a case to the contrary can be made).

Observations and recommendations

Radiometrics

The radiometrics is doing a good job of detecting intrusives at or near surface. Dispersion of radiometric material is noted in some cases, the outlines of intrusives as sketched in this interpretation should be viewed with that in mind.

Recommendations

Enlarging the soil geochemistry coverage in areas A and B looks like the thing to do.

An effort should be made to load and run the software and models as described in the last slide of this interpretation. Looking at the data in that manner often stimulate thought and may help in defining likely targets.

A field visit to anomaly o1 should be made to determine the causative source.

APPENDIX D: CORRELATION MATRICES

	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Ag	1																																				
Al	0.031417	1																																			
As	0.220163	0.080755	1																																		
Au	0.13293	0.059692	0.358982	1																																	
B	0.109966	0.255211	0.19945	0.119	1																																
Ba	0.057647	0.455296	0.115266	0.076368	0.215139	1																															
Bi	0.165549	0.106531	0.58128	0.655634	0.201587	0.10732	1																														
Ca	0.051872	0.362403	0.086844	0.080548	0.427105	0.303538	0.111498	1																													
Cd	0.210061	0.079488	0.243988	0.085816	0.185617	0.117219	0.129463	0.13824	1																												
Co	0.060208	0.211159	0.119927	0.050146	-0.01647	0.087919	0.060503	-0.00193	0.115632	1																											
Cr	0.00639	0.369407	0.030649	0.008778	0.021839	0.214609	0.010996	0.069594	0.023245	0.387234	1																										
Cu	0.2354	0.225611	0.633122	0.400721	0.228677	0.16727	0.555411	0.11248	0.254719	0.338806	0.11927	1																									
Fe	0.093711	0.169706	0.2703	0.112677	-0.05997	0.04548	0.174946	-0.10244	0.098487	0.703808	0.288764	0.444705	1																								
Ga	0.029912	0.880278	0.103216	0.066633	0.211842	0.447849	0.113489	0.316415	0.064862	0.107093	0.377936	0.206001	0.154787	1																							
Hg	0.139553	0.101301	0.115487	0.093972	0.263639	0.226481	0.108913	0.16235	0.10689	-0.06481	-0.00242	0.109136	-0.06389	0.108201	1																						
K	0.043676	0.501531	0.126451	0.056224	0.047022	0.358892	0.058808	0.151675	0.071282	0.365101	0.440143	0.252562	0.444339	0.538601	-0.02985	1																					
La	0.03406	-0.07139	0.115176	0.02897	-0.05602	-0.01129	0.087325	-0.07975	0.044244	0.356125	-0.00453	0.234273	0.473993	-0.08776	-0.11258	0.123707	1																				
Mg	0.033576	0.704255	0.029188	0.02888	0.101073	0.440444	0.019444	0.282003	0.09472	0.392971	0.613706	0.234586	0.334333	0.676222	-0.06446	0.649912	0.073662	1																			
Mn	0.093621	0.091382	0.099496	0.073639	0.086855	0.179754	0.061826	0.109722	0.286427	0.546661	0.222036	0.171903	0.463472	0.09227	0.065701	0.252609	0.290631	0.252002	1																		
Mo	0.046248	0.045095	0.055486	0.017253	0.006514	0.173153	0.026322	-0.05093	0.025987	0.133663	0.120867	0.139901	0.284941	0.137982	0.085348	0.225495	0.296448	0.178599	0.324233	1																	
Na	0.032583	0.549054	0.079535	0.08744	0.373293	0.277681	0.142778	0.635822	0.089691	-0.03012	0.063878	0.090542	-0.0958	0.463731	0.145298	0.212004	-0.09669	0.295111	0.011699	-0.09203	1																
Ni	0.034131	0.211771	0.020252	0.000754	-0.01106	0.106094	-0.00823	0.01793	0.08016	0.698502	0.827805	0.196879	0.504044	0.145559	-0.0444	0.342173	0.183242	0.511267	0.375911	0.144753	-0.01905	1														
P	0.134715	0.401707	0.224924	0.15703	0.329328	0.5042	0.205465	0.336285	0.203778	0.205383	0.227166	0.344355	0.195791	0.415222	0.295892	0.364801	0.071634	0.40911	0.307403	0.250295	0.280958	0.178641	1													
Pb	0.902855	-0.02338	0.05431	0.027229	0.036169	-0.01625	0.028965	0.002733	0.180661	0.07989	-0.00313	0.069009	0.102143	-0.03165	0.063866	0.017213	0.078246	0.00629	0.136005	0.049626	-0.01747	0.046676	0.056503	1												
S	0.111382	0.112671	0.278685	0.132491	0.251759	0.10475	0.24554	0.205889	0.060957	0.070492	0.033722	0.272022	0.24369	0.122246	0.190814	0.271462	0.001451	0.03287	0.062092	0.101407	0.223849	0.021733	0.275282	0.043692	1											
Sb	0.233328	0.028104	0.612678	0.221855	0.21082	0.062273	0.308254	0.062461	0.204297	0.065221	0.015731	0.445005	0.180093	0.036915	0.114479	0.066307	0.048905	0.023907	0.076785	0.032952	0.044296	0.029	0.147276	0.107419	0.145749	1										
Sc	0.078707	0.524988	0.244471	0.114919	0.146227	0.519076	0.170674	0.238213	0.153032	0.428628	0.51434	0.373479	0.463517	0.517556	0.075172	0.638711	0.183699	0.67189	0.432064	0.262594	0.219668	0.436383	0.492761	0.027534	0.092443	0.158655	1									
Se	0.276106	0.150121	0.334445	0.244077	0.165484	0.17688	0.403548	0.116471	0.10365	0.089473	0.054315	0.457184	0.204083	0.160986	0.173587	0.164213	0.023219	0.140327	0.07564	0.262096	0.105343	0.064763	0.327962	0.170588	0.378093	0.261742	0.174785	1								
Sr	0.077842	0.536471	0.150697	0.098388	0.408828	0.478743	0.162101	0.772016	0.176963	0.166473	0.211323	0.223705	0.101125	0.49439	0.202763	0.381064	0.0676	0.468732	0.270033	0.133989	0.692671	0.163647	0.571306	0.029882	0.275845	0.095275	0.448316	0.224174	1							
Te	0.08956	0.033662	0.278808	0.625787	0.080011	0.056658	0.782893	0.05202	0.055152	0.029837	3.31E-05	0.34884	0.120818	0.041809	0.048416	0.02353	0.06345	0.007465	0.055871	0.035535	0.087459	-0.00601	0.119695	0.013281	0.151902	0.205069	0.076412	0.30531	0.094552	1						
Th	0.060915	0.019911	0.161441	0.054183	-0.05859	-0.00518	0.100294	-0.03046	0.108251	0.494871	0.071197	0.32352	0.609995	-0.05366	-0.20491	0.25057	0.678293	0.190853	0.245914	0.147609	-0.03212	0.306001	0.04961	0.08843	0.06988	0.07502	0.303427	0.041465	0.096517	0.042423	1					
Ti	0.003202	0.557776	0.050419	0.047105	0.126553	0.448586	0.035401	0.210062	0.026158	0.114851	0.443493	0.124361	0.106871	0.624466	0.029673	0.701955	-0.08097	0.618643	0.132572	0.157293	0.298096	0.194438	0.424947	-0.03947	0.03766	0.01773	0.647207	0.08292	0.385718	-0.00617	0.039272	1				
Tl	0.101115	0.412321	0.281866	0.108044	0.147909	0.352109	0.157525	0.111163	0.128355	0.229745	0.354336	0.341296	0.334249	0.481701	0.14327	0.709748	0.076837	0.443491	0.197686	0.259838	0.123075	0.226524	0.425581	0.020857	0.307782	0.184064	0.55371	0.264526	0.288478	0.054289	0.179162	0.597472	1			
U	0.096989	0.141996	0.425155	0.147873	0.116357	0.151767	0.302427	0.036376	0.081816	0.18501	0.033295	0.453711	0.21893	0.157754	0.089246	0.146818	0.339072	0.091488	0.128847	0.218046	0.008344	0.037962	0.318489	0.027011	0.121464	0.133678	0.297319	0.245102	0.174503	0.087732	0.357184	0.154977	0.338029	1		
V	0.016052	0.551884	0.029039	0.019462	0.067594	0.436829	0.014881	0.091056	0.030009	0.102765	0.491068	0.144325	0.132533	0.668428	0.093306	0.519601	-0.18673	0.659982	0.155656	0.351827	0.09568	0.249922	0.439277	-0.03001	0.004538	0.008031	0.603749	0.206075	0.270269	0.004325	-0.18292	0.721603	0.486372	0.089307	1	
W	0.031	0.098397	0.174658	0.098409	0.135057	0.15526	0.13725	0.049516	0.030091	-0.06775	0.041863	0.200921	-0.06895	0.15626	0.104688	0.117414	0.025111	0.02602	0.000137	0.092924	0.055939	-0.07351	0.239365	-0.03608	0.022472	0.075377	0.174173	0.057362	0.086687	0.026604	0.10876	0.360358	0.288625	0.40935	0.159502	1	
Zn	0.220753	0.109829	0.114486	0.052065	0.085607	0.13057	0.049332	0.061805	0.732674	0.365625	0.097654	0.241434	0.369003	0.07471	0.031874	0.210076	0.255576	0.250923	0.477384	0.225375	0.005803	0.272354	0.267956	0.272043	0.021331	0.116075	0.266738	0.149825	0.177033	0.02921	0.307947	0.077958	0.186975	0.110679	0.121089	-0.03642	1

Correlation Matrix for 2011 Mahtin Proper Grid

	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Ag	1																																				
Al	-0.00607	1																																			
As	0.124227	-0.0098	1																																		
Au	0.061279	0.006593	0.274633	1																																	
B	0.070185	0.034621	0.061582	0.02539	1																																
Ba	0.022719	0.343447	0.003934	0.012273	0.106014	1																															
Bi	0.090852	0.014578	0.96013	0.186582	0.061145	0.008834	1																														
Ca	0.028941	0.062552	0.024216	0.026149	0.158752	0.187013	0.024727	1																													
Cd	0.202041	-0.00834	0.109159	0.073033	0.100812	0.064143	0.05207	0.123656	1																												
Co	0.055354	0.323284	0.113955	0.077135	0.059507	0.161906	0.113332	0.144252	0.172846	1																											
Cr	-0.00227	0.437441	0.002815	0.001238	0.033744	0.211241	-0.00785	0.105223	0.023914	0.412726	1																										
Cu	0.154246	0.262697	0.377192	0.119438	0.055506	0.134537	0.39173	0.111289	0.127133	0.656313	0.18067	1																									
Fe	0.06487	0.341819	0.13483	0.06775	0.07563	0.154884	0.138022	0.114057	0.11917	0.716295	0.313112	0.703968	1																								
Ga	-0.01159	0.827245	-0.00199	0.013172	0.013391	0.33056	0.017845	0.059075	-0.0258	0.191374	0.426918	0.156213	0.302482	1																							
Hg	0.127635	-0.07045	0.04959	0.061978	0.135653	0.200083	0.028955	0.034235	0.06124	-0.0928	-0.01693	-0.04319	-0.06275	-0.02581	1																						
K	0.024188	0.536292	0.041507	0.058304	0.064307	0.375502	0.06144	0.183649	0.09408	0.380844	0.444992	0.291883	0.437313	0.572442	-0.03835	1																					
La	0.021368	-0.01693	0.103003	0.025914	-0.00868	0.031261	0.131476	0.026954	0.054496	0.355704	-0.00255	0.402957	0.493388	-0.04304	-0.14232	0.156802	1																				
Mg	0.007308	0.750573	-0.00216	0.021299	0.055617	0.407261	0.003989	0.22341	0.07533	0.500747	0.658673	0.405419	0.48069	0.691782	-0.1188	0.664339	0.134589	1																			
Mn	0.080741	0.125829	0.079986	0.094016	0.130593	0.210135	0.05761	0.231871	0.382716	0.560299	0.233838	0.297508	0.510164	0.137395	0.058768	0.30658	0.27685	0.311581	1																		
Mo	0.03352	0.070859	0.062582	0.04919	0.106379	0.22622	0.080453	0.076161	0.040055	0.161303	0.111326	0.209179	0.336962	0.168049	0.112336	0.222781	0.343851	0.183685	0.377132	1																	
Na	0.015175	0.32749	0.032118	0.029249	0.16055	0.196202	0.049575	0.153292	0.083669	0.077459	0.070924	0.119056	0.114222	0.27337	0.039507	0.33651	0.025823	0.304803	0.062557	0.082905	1																
Ni	0.032641	0.309064	0.031181	0.020321	0.047766	0.153559	0.015918	0.131673	0.117403	0.708131	0.85372	0.433312	0.528713	0.224496	-0.05109	0.373094	0.188863	0.592477	0.383065	0.151607	0.059478	1														
P	0.087354	0.234932	0.030561	0.073612	0.159111	0.417054	0.019453	0.261509	0.170236	0.333959	0.247733	0.298093	0.38327	0.264292	0.208298	0.393302	0.129344	0.410177	0.394909	0.28084	0.218442	0.269031	1													
Pb	0.931737	-0.00799	0.098665	0.054985	0.079966	0.000133	0.07637	0.035261	0.249197	0.074281	0.000177	0.154536	0.097017	-0.01496	0.093567	0.030891	0.066318	0.016048	0.13243	0.057264	0.010428	0.040211	0.096506	1												
S	0.103447	-0.04366	0.034061	0.010563	0.15539	0.056992	0.04425	0.107189	0.045096	0.051108	-0.01077	0.16912	0.204022	-0.00193	0.150781	0.164376	0.081079	0.001956	0.116208	0.184317	0.217456	0.03068	0.239104	0.101061	1											
Sb	0.539239	-0.05635	0.358638	0.096775	0.156091	0.019549	0.34377	0.057505	0.132629	0.170408	0.014082	0.309268	0.232619	-0.05893	0.106191	0.085072	0.130332	0.017658	0.115991	0.118764	0.044881	0.108691	0.141139	0.581708	0.174813	1										
Sc	0.026634	0.527786	0.053978	0.053337	0.088439	0.482851	0.053899	0.250181	0.095056	0.503458	0.553464	0.374509	0.534429	0.498613	0.018465	0.667667	0.158964	0.724451	0.491648	0.303294	0.201381	0.521727	0.463334	0.035384	0.002684	0.09126	1									
Se	0.286405	0.056889	0.106331	0.019818	0.102736	0.168748	0.096055	0.044254	0.067657	0.092471	0.025714	0.202372	0.167543	0.051983	0.177219	0.078085	0.016576	0.060686	0.102813	0.289627	0.074042	0.071715	0.256931	0.262147	0.239664	0.229027	0.08986	1								
Sr	0.047645	0.280317	0.110397	0.058266	0.187445	0.43321	0.128971	0.524691	0.164135	0.374147	0.282857	0.28967	0.408875	0.295825	0.131685	0.471874	0.237547	0.432862	0.457274	0.343157	0.314447	0.322298	0.623021	0.072555	0.294663	0.15529	0.485531	0.216314	1							
Te	0.010129	0.037872	0.17085	0.096928	0.076123	0.08549	0.188871	0.06511	0.059599	0.070472	0.015856	0.111524	0.156571	0.079104	0.026019	0.073053	0.233496	0.058486	0.182722	0.244494	0.01336	0.012874	0.198871	0.05361	0.11538	0.113806	0.102671	0.075089	0.307923	1						
Th	0.048951	0.070901	0.104043	0.046835	-0.02383	0.001286	0.125052	0.068162	0.119312	0.514259	0.060214	0.555509	0.642318	-0.05253	-0.24591	0.208394	0.668369	0.22963	0.241584	0.163464	0.07495	0.323772	0.043848	0.086083	0.09949	0.137443	0.237013	0.014495	0.208047	0.080435	1					
Ti	-0.01175	0.534662	-0.01036	0.038332	0.07296	0.392671	0.002899	0.154023	0.008266	0.195157	0.477321	0.070211	0.209875	0.598166	-0.01285	0.754675	-0.05957	0.630127	0.205195	0.155963	0.261792	0.272999	0.391468	-0.01071	-0.02085	-0.02077	0.693404	0.03794	0.357677	0.051807	-0.02261	1				
Tl	0.057936	0.38877	0.091714	0.057446	0.106154	0.300357	0.088705	0.138835	0.120709	0.245708	0.366336	0.228997	0.331691	0.446859	0.108705	0.719343	0.095619	0.468672	0.247738	0.213292	0.232203	0.28557	0.342985	0.049224	0.174632	0.115731	0.505284	0.148739	0.352231	0.043447	0.138274	0.601036	1			
U	0.059602	0.054075	0.724248	0.155688	0.049895	0.034301	0.765544	0.041147	0.088136	0.349028	-0.01766	0.547212	0.386806	-0.01194	0.010967	0.077104	0.385584	0.062265	0.175878	0.163146	0.070956	0.144714	0.174337	0.068685	0.10585	0.299118	0.121699	0.131796	0.259223	0.197378	0.43917	-0.06213	0.106764	1		
V	-0.01082	0.603601	-0.02158	0.00343	0.070666	0.420421	-0.02088	0.112016	-0.01464	0.169114	0.52618	0.069653	0.218714	0.728111	0.081682	0.546129	-0.17879	0.657597	0.224338	0.285331	0.154267	0.295657	0.393529	-0.0139	-0.02559	-0.02612	0.675824	0.125534	0.326819	0.087007	-0.22992	0.776625	0.452093	-0.12647	1	
W	-0.00844	0.101349	0.182213	0.111868	0.08265	0.089545	0.180426	0.025067	0.032684	-0.0765	0.068169	-0.03624	-0.11133	0.114965	0.150025	0.14795	-0.15409	0.022155	0.004627	0.015149	0.125131	-0.05069	0.171909	-0.02181	-0.02952	0.032233	0.149359	-0.01163	0.073164	0.019773	-0.14144	0.295481	0.242697	0.164857	0.190284	1
Zn	0.202093	0.091544	0.075992	0.067351	0.10023	0.121	0.034994	0.136824	0.821696	0.398256	0.089069	0.344328	0.418846	0.045673	0.012783	0.22564	0.285672	0.226908	0.508552	0.218566	0.11131	0.267859	0.291407	0.285933	0.07857	0.190094	0.267474	0.133225	0.269959	0.097004	0.345411	0.090264	0.208289	0.191572	0.049809	-0.02891

Correlation Matrix for 2011 Ridge & Spur Soils

	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Ag	1																																				
Al	-0.08335	1																																			
As	0.218922	0.301609	1																																		
Au	0.098359	0.03932	0.196374	1																																	
B	0.112966	0.09927	0.077384	0.101504	1																																
Ba	-0.03077	0.421625	0.122974	0.040453	0.117303	1																															
Bi	0.029115	0.335252	0.761896	0.089777	0.056313	0.091476	1																														
Ca	0.044636	0.130516	0.230824	0.058916	0.089632	0.296442	0.084016	1																													
Cd	0.106541	0.349612	0.368509	0.14538	0.186078	0.202461	0.38959	0.235614	1																												
Co	0.038635	0.414133	0.388779	0.076962	0.005615	0.06889	0.291212	0.186201	0.187424	1																											
Cr	-0.05996	0.656252	0.14697	0.019125	0.097468	0.325746	0.146572	0.132184	0.306948	0.219525	1																										
Cu	0.105759	0.520159	0.617255	0.138262	0.140377	0.210199	0.726699	0.181111	0.71867	0.377861	0.356944	1																									
Fe	0.089402	0.598346	0.610383	0.082583	0.057315	0.148429	0.654708	0.164168	0.337133	0.622409	0.326572	0.647823	1																								
Ga	-0.09308	0.843514	0.35469	0.023056	0.151084	0.376393	0.439461	0.11889	0.408732	0.259357	0.645804	0.554501	0.536811	1																							
Hg	0.07635	-0.03261	0.051912	0.039897	0.103487	0.12482	0.022974	0.009383	0.103049	-0.07786	0.065325	0.058139	-0.03944	0.063465	1																						
K	0.021391	0.557015	0.280953	0.127248	0.155267	0.359976	0.222226	0.317269	0.607767	0.245879	0.44148	0.469541	0.442417	0.543928	-0.00428	1																					
La	0.138423	0.173972	0.129283	0.051706	-0.03478	-0.13438	0.063348	0.120115	0.014368	0.521695	-0.09618	0.178785	0.480707	-0.0253	-0.20509	0.078448	1																				
Mg	-0.01383	0.698538	0.144344	0.020692	-0.00971	0.233558	0.044172	0.252029	0.14576	0.52906	0.549216	0.25487	0.447449	0.493451	-0.19571	0.416097	0.374875	1																			
Mn	0.346444	0.15462	0.476207	0.081464	0.098278	0.06548	0.381728	0.210487	0.311784	0.421659	0.056609	0.381052	0.516502	0.14897	0.087914	0.188131	0.248693	0.165986	1																		
Mo	-0.11782	0.247954	0.285027	-0.00866	0.129821	0.104162	0.398551	-0.123	0.156579	0.019542	0.359041	0.376036	0.309968	0.395454	0.217059	0.089382	-0.21414	-0.09917	0.141898	1																	
Na	-0.00821	0.44931	0.255393	0.166371	0.20909	0.358449	0.182597	0.37903	0.334892	0.176532	0.456404	0.382361	0.264786	0.467728	0.159063	0.477364	-0.06061	0.303055	0.169446	0.261717	1																
Ni	0.080757	0.481067	0.393548	0.052718	0.008941	0.163445	0.292343	0.32203	0.194184	0.818901	0.349663	0.40907	0.705055	0.3083	-0.14391	0.354354	0.577226	0.622898	0.446561	0.011717	0.256007	1															
P	0.054327	0.283659	0.198699	0.085586	0.138071	0.308831	0.090181	0.336423	0.141151	0.247056	0.357195	0.227214	0.269803	0.28831	0.325637	0.196438	0.10535	0.305916	0.17	0.242373	0.327059	0.282874	1														
Pb	0.518679	-0.08597	0.172302	0.134004	0.076447	-0.05628	-0.00013	0.023399	0.119785	0.024566	-0.07859	0.094997	0.078637	-0.08598	0.036064	0.009774	0.049869	-0.03453	0.243687	-0.05413	-0.04291	0.028741	0.007406	1													
S	0.011862	0.344401	0.286419	0.15944	0.157047	0.124713	0.295768	0.152775	0.29095	0.092704	0.325222	0.413982	0.302287	0.392955	0.136378	0.403115	0.033457	0.112908	0.072895	0.425422	0.555656	0.107617	0.278781	-0.01788	1												
Sb	0.75237	-0.13234	0.208777	0.078381	0.143804	-0.08409	-0.02232	-0.0576	-0.01147	0.042829	-0.1605	-0.00246	0.080787	-0.14604	-0.03199	-0.04873	0.172487	-0.06725	0.328829	-0.08412	-0.09887	0.055653	-0.00802	0.466727	-0.02679	1											
Sc	0.056452	0.588196	0.348147	0.072295	0.152136	0.519254	0.335324	0.334258	0.387485	0.316684	0.525733	0.514485	0.477464	0.495497	-0.03291	0.510272	0.104365	0.518272	0.335004	0.148427	0.468553	0.500512	0.219893	0.01333	0.175767	-0.03041	1										
Se	0.069002	0.170002	0.158136	0.028057	0.094012	0.054191	0.12951	0.045031	0.16838	0.121475	0.140341	0.192112	0.152561	0.177586	0.110888	0.129538	0.051761	0.098448	0.232808	0.120699	0.20982	0.117805	0.177814	-0.00363	0.187097	0.01782	0.161298	1								
Sr	0.009458	0.477741	0.289696	0.106518	0.13504	0.375082	0.1482	0.548615	0.348362	0.321117	0.435735	0.389593	0.341685	0.48321	0.022566	0.562282	0.10731	0.408165	0.155748	0.137816	0.634417	0.443704	0.401708	-0.01446	0.441291	-0.08072	0.424376	0.098965	1							
Te	-0.02418	0.08052	0.023873	-0.0246	0.038214	0.027693	0.042365	-0.02177	0.023498	-0.00286	0.050576	0.062259	0.011756	0.090771	0.001825	0.058873	-0.03015	0.02953	-0.0256	0.121263	0.092458	-0.00583	-0.02065	-0.01369	0.085948	-0.02108	0.069109	0.064057	0.023619	1						
Th	0.12197	0.208996	0.242087	0.118156	-0.02003	-0.07509	0.123896	0.232726	0.176885	0.599459	-0.02603	0.302497	0.516214	0.014365	-0.27648	0.285896	0.740478	0.46973	0.329583	-0.21255	0.073398	0.681595	0.005476	0.06347	0.038369	0.143567	0.345898	0.042599	0.252563	0.009803	1					
Ti	-0.10771	0.393118	0.06605	0.102012	0.212886	0.406414	0.087424	0.090393	0.296018	-0.0163	0.56092	0.27777	0.073858	0.433188	0.131934	0.497054	-0.34303	0.24766	-0.00612	0.258317	0.521804	0.090127	0.221683	-0.10237	0.245667	-0.16217	0.61811	0.149905	0.363968	0.111659	-0.09792	1				
Tl	0.010062	0.417174	0.225925	0.060995	0.129248	0.247359	0.325803	0.144279	0.598162	0.099423	0.299183	0.463919	0.426308	0.467798	0.046236	0.79838	-0.0147	0.191263	0.140534	0.142095	0.259476	0.147572	0.083003	-0.00496	0.320637	-0.04367	0.297725	0.071903	0.311543	0.048666	0.085878	0.30236	1			
U	0.13827	0.406349	0.49901	0.110834	0.117636	0.154356	0.418135	0.315502	0.276603	0.484908	0.266868	0.557503	0.652101	0.34014	-0.00512	0.277547	0.548336	0.338209	0.365808	0.308974	0.318782	0.567667	0.422923	0.097204	0.378193	0.124466	0.418234	0.163542	0.476747	0.013951	0.443169	0.051915	0.16555	1		
V	-0.15789	0.418087	-0.01649	-0.01545	0.142319	0.368347	0.059852	-0.08457	0.201457	-0.18305	0.633695	0.182416	-0.01979	0.536463	0.285674	0.233747	-0.53814	0.120984	-0.11616	0.489963	0.355679	-0.17655	0.265766	-0.11821	0.217617	-0.20726	0.363587	0.128425	0.171366	0.094513	-0.49078	0.707811	0.199701	-0.05077	1	
W	-0.04452	0.292328	0.201763	0.194935	0.209399	0.256895	0.346603	0.05829	0.615391	0.032052	0.257889	0.558585	0.214601	0.353066	0.197334	0.50483	-0.17009	0.02273	0.057598	0.239501	0.281944	0.014149	0.168601	-0.04261	0.300153	-0.08304	0.261713	0.083507	0.217994	0.106745	-0.02147	0.473725	0.64089	0.115043	0.359209	1
Zn	0.168567	0.388581	0.424732	0.1639	0.166926	0.235673	0.457141	0.223209	0.887204	0.198005	0.322611	0.810361	0.373117	0.434331	0.123098	0.486369	-0.00775	0.162317	0.381538	0.214279	0.36963	0.218953	0.170362	0.197562	0.291497	0.019579	0.45733	0.191276	0.359445	0.040266	0.163715	0.350919	0.450912	0.337037	0.235969	0.608772	1

Correlation Matrix for 2011 May Grid Soils